

# Curriculum Vitæ – Lawrence Joseph

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## A. Coordinates

Address: Division of Clinical Epidemiology  
McGill University Health Centre  
Royal Victoria Hospital  
687 Pine Avenue West, V Building, Room V2.10  
Montreal, Quebec H3A 1A1

Telephone: Office: (514) 934-1934 ext. 44713

Fax: Office: (514) 934-8293

Email: [lawrence.joseph@mcgill.ca](mailto:lawrence.joseph@mcgill.ca)

Homepage: <http://www.medicine.mcgill.ca/epidemiology/Joseph/>

## B. Education

- 1990 Ph.D. (Statistics)  
McGill University, Montreal.  
Placed on Dean's honor list.  
Ph.D. thesis title: The Multi-Path Change-Point.
- 1984 Master of Science (Applied Statistics)  
McGill University, Montreal.  
Master's thesis title: Screening for Breast Cancer:  
An Assessment of Various Stochastic Models.
- 1982 Bachelor of Science (Mathematics)  
McGill University, Montreal.  
B.Sc. degree completed with Great Distinction.  
Faculty Scholar  
Beatty Scholarship in Mathematics.  
McConnell Award in Science.
- 1978 DEC (Pure and Applied Sciences)  
Vanier College, Montreal.

## C. Appointments

### University

- 2006 - present Professor, Department of  
Epidemiology and Biostatistics, McGill University
- 1996 - 2006 Associate Professor, Department of  
Epidemiology and Biostatistics, McGill University
- 1994 - present Associate Member, Department of Mathematics  
and Statistics, McGill University
- 1990 - 1996 Assistant Professor, Department of  
Epidemiology and Biostatistics, McGill University
- 1984 - 1989 Part-Time Faculty Lecturer, Department  
of Mathematics and Statistics, McGill University

### Hospital

- 1992 - present Medical Scientist, Division of Clinical Epidemiology,  
Montreal General Hospital
- 1991 - present Faculty Member, Centre for the Analysis of  
Cost-Effective Care, The Montreal General Hospital
- 1989 - present Co-Director, Biostatistical Consulting Unit,  
Division of Clinical Epidemiology, Montreal General Hospital
- 1989 - present Biostatistician, Division of Clinical Epidemiology,  
Montreal General Hospital

### Other

- 1994 - 1996 Member of the Scientific Advisory Panel, Canadian  
Coordinating Office for Health Technology Assessment, Ottawa

## D. Special Honors, Awards

### Career Awards

2006-2011	FRSQ Chercheur-Nationale	\$150,000
2001-2006	CIHR Senior Investigator Award	\$350,000
1997-2001	FRSQ Chercheur-Boursier	\$185,392
1994-1997	FRSQ Chercheur-Boursier	\$120,657
1989-1992	Montreal General Hospital Foundation Award	\$110,000
1986-1988	McConnell Fellowship in Science	\$16,000
1983-1986	Natural Sciences and Engineering Research Council Award	\$24,000

### Teaching Awards

1995-1996	Award for Teaching Excellence (awarded by students in the Department of Epidemiology and Biostatistics)
1997-1998	Award for Teaching Excellence (awarded by students in the Department of Epidemiology and Biostatistics)
2000-2001	Award for Teaching Excellence (awarded by students in the Department of Epidemiology and Biostatistics)
2002-2003	Award for Teaching Excellence (awarded by students in the Department of Epidemiology and Biostatistics)
2004	Faculty Honour List for Educational Excellence (Faculty of Medicine)
2005-2006	Award for Teaching Excellence (awarded by students in the Department of Epidemiology and Biostatistics)
2008-2009	Award for Teaching Excellence (awarded by students in the Department of Epidemiology and Biostatistics)
2009-2010	Award for Teaching Excellence (awarded by students in the Department of Epidemiology and Biostatistics)

## E. Teaching

### Graduate Courses

#### Department of Epidemiology and Biostatistics, McGill University

Year	Course #	Course Title	In Class hours	Credits	Approx. # Students
1990	513-607L	Principles of Inferential Statistics (with Jim Hanley)	39	3	50
1990	513-607A	Principles of Inferential Statistics	39	3	52
1991	513-651C	Computers in Clinical Epidemiology - Part I	13	1	29
1991	513-652C	Computers in Clinical Epidemiology - Part II	13	1	29
1991	513-607A	Principles of Inferential Statistics	39	3	54
1992	513-676C	Methods in Clinical Research	39	3	27
†1992	513-607A	Principles of Inferential Statistics	39	3	35
1993	513-607L	Principles of Inferential Statistics	39	3	28
1994	513-651B	Bayesian Analysis (with Stan Shapiro)	13	1	10
1994	513-675B	Reading Course in Bayesian Analysis	39	3	1
†1994	513-607A	Principles of Inferential Statistics	39	3	30
1995	513-651B	Bayesian Analysis (with Stan Shapiro)	13	1	10
*1995	513-607A	Principles of Inferential Statistics	39	3	30
1996	513-651B	Bayesian Analysis (with Stan Shapiro)	13	1	13
1996	513-607A	Principles of Inferential Statistics	39	3	31
†1997	513-651B	Bayesian Analysis (with Stan Shapiro)	13	1	10
*1997	513-607A	Principles of Inferential Statistics	39	3	40
1998	513-651B	Bayesian Analysis (with Stan Shapiro)	13	1	13
1998	513-607A	Principles of Inferential Statistics	39	3	40
1999	513-651B	Bayesian Analysis	13	1	14
†1999	513-607A	Principles of Inferential Statistics	39	3	35
2000	513-651B	Bayesian Analysis (with Stan Shapiro)	13	1	15
*2000	513-607A	Principles of Inferential Statistics	52	4	32
2001	513-651B	Bayesian Analysis (with Stan Shapiro)	13	1	10
*2002	513-607A	Principles of Inferential Statistics	52	4	60
2003	513-651B	Bayesian Analysis (with Stan Shapiro)	13	1	11
†2003	EPIB-607	Principles of Inferential Statistics	52	4	45
2004	EPIB-651	Bayesian Analysis (with Stan Shapiro)	13	1	10
†2005	EPIB-677	Bayesian Analysis	39	3	9
*2006	EPIB-677	Bayesian Analysis	39	3	10
†2007	EPIB-621	Data Analysis in the Health Sciences	52	4	25
†2008	EPIB-621	Data Analysis in the Health Sciences	52	4	30
*2009	EPIB-621	Data Analysis in the Health Sciences	52	4	37
2009	EPIB-675	Reading Course in Bayesian Analysis	39	3	1
*2010	EPIB-621	Data Analysis in the Health Sciences	52	4	33
2011	EPIB-621	Data Analysis in the Health Sciences (with Aurélie Labbe)	52	4	45
2011	EPIB-613	(with Jay Kaufman)	13	3	38
2012	EPIB-621	Data Analysis in the Health Sciences (with Aurélie Labbe)	52	4	45
2012	EPIB-621	Bayesian Analysis for the Health Sciences	39	3	7

\* indicates winner of the Student Award for Teaching Excellence.

† indicates runner-up prize in the Student Award for Teaching Excellence.

## Undergraduate Courses

### Department of Mathematics and Statistics, McGill University

Year	Course #	Course Title	In Class hours	Credits	Approx. # Students
1984	189-224B	Applied Matrix Algebra	39	3	30
1985	189-323A	Probability Theory	39	3	10
1986	189-224A	Applied Matrix Algebra	39	3	70
1987	189-224A	Applied Matrix Algebra	39	3	70
1988	189-224A	Applied Matrix Algebra	39	3	70
1988	189-224B	Applied Matrix Algebra	39	3	70
1989	189-221B	Vectors and Matrices	39	3	200

### Department of Epidemiology and Biostatistics, McGill University

Year	Course #	Course Title	In Class hours	Credits	Approx. # Students
1995	513-400	Clinical Epidemiology for Med IV students (with Gary Pেকেles)	4	3	125

## E2. Research Trainees Supervised

### Academic Thesis Supervision as the Primary Supervisor

#### Graduated

- 2009- 2011 Lianne Soller, MSc (Co-Supervisor with Ann Clarke  
Epidemiology and Biostatistics)
- 2010-2011 Yalda Jafari, MSc (Co-Supervisor with Nikki Pant Pai  
Epidemiology and Biostatistics)
- 2007- 2011 Brian Hutton, Ph.D. (Epidemiology and Biostatistics)
- 2009-2011 Moshe Ben-Shoshan, MSc (Co-Supervisor with Ann Clarke  
Epidemiology and Biostatistics)
- 2009-2010 Alison Sinclair, M.Sc. (Non-thesis project)  
Epidemiology and Biostatistics)
- 2005-2009 Kris Filion, Ph.D. (Co-Supervisor with James Brophy  
Epidemiology and Biostatistics)
- 2004-2009 Martin Ladouceur, Ph.D. (Co-Supervisor with Elham Rahme  
Epidemiology and Biostatistics)
- 2006-2008 Maala Bhatt, M.Sc. (Epidemiology and Biostatistics)
- 2003-2007 Line Vautour, M.Sc. (Epidemiology and Biostatistics)
- 2004-2006 Brent Richards, M.Sc. (Epidemiology and Biostatistics)
- 2004-2006 Ying Lu, M.Sc. (Co-Supervisor with Nandini Dendukuri  
Epidemiology and Biostatistics)
- 2003-2006 Suzette Poliquin, M.Sc. (Epidemiology and Biostatistics)
- \*2002-2004 Philippe Carriere, M.Sc. (Epidemiology and Biostatistics)
- 2002-2004 Martin Ladouceur, M.Sc. (Co-Supervisor with Elham Rahme  
Epidemiology and Biostatistics)
- 1999-2004 Andrew Kmetc, Ph.D. (Epidemiology and Biostatistics)
- 2000-2003 Tanya Murphy, M.Sc. (Co-Supervisor with Celia Greenwood  
Epidemiology and Biostatistics)
- 1998-2002 Cyr Emile M'Lan, Ph.D. (Co-supervisor with David Wolfson,  
Mathematics and Statistics)
- 2000-2002 Vicky Tagalakakis, M.Sc. (Co-Supervisor with Susan Kahn  
Epidemiology and Biostatistics)
- 1999-2001 Joe Romagnuolo, M.Sc. (Co-Supervisor with Alan Barkun,  
Epidemiology and Biostatistics)
- 1998-2001 Lin Wang, MSc (Epidemiology and Biostatistics)
- \*1999-2000 Tomás Cámara, M.Sc. (Mathematics and Statistics)
- \*1996-2000 Caroline Reinhold, M.Sc. (Epidemiology and Biostatistics)
- 1996-1998 James Brophy, Ph.D. (Epidemiology and Biostatistics)
- 1996-1998 Nandini Dendukuri, Ph.D. (Epidemiology and Biostatistics)
- 1993-1997 Xiaojie Zhou, Ph.D. (Co-supervisor with David Wolfson,  
Mathematics and Statistics)
- 1995-1997 Susan Kahn, M.Sc. (Co-supervisor with Lucien Abenain,  
Epidemiology and Biostatistics)
- \*1994-1997 Elham Rahme, Ph.D. (Mathematics and Statistics)
- 1994-1996 Marie-Ange Paget, M.Sc. (Mathematics and Statistics)
- 1991-1992 Louis Coupal, M.Sc. (Mathematics and Statistics)
- 1990-1991 Marie-France Raynault, M.Sc. (Co-supervisor with Renaldo Battista,  
Epidemiology and Biostatistics)

\* **Thesis placed on the Dean's Honor List**

## **Current**

- 2004- Héloïse Cardinal, Ph.D. (Co-Supervisor with James Brophy  
Epidemiology and Biostatistics)
- 2008- Mohammed Kaouache, Ph.D. (Epidemiology and Biostatistics)
- 2010- Sunil Garg, MSc (Co-Supervisor with Mark Eisenberg  
Epidemiology and Biostatistics)
- 2010- Jeremy Labrecque, MSc (Co-Supervisor with Sasha Bernatsky  
Epidemiology and Biostatistics)

## Academic Thesis Supervision as Member of Committee (supervisor in parentheses, Department of Epidemiology and Biostatistics)

### Graduated

2010-2011	Majid Almadi, M.Sc. (Maida Sewitch)
2007-2010	Lucy Boothroyd, Ph.D. (Jean-Francois Boivin)
2007-2010	Priya Manjoo, M.Sc. (Kaberi DasGupta)
2007-2010	Jonathan Wyse, M.Sc. (Maida Sewitch)
2005-2007	Scott Weichenthal, Ph.D. (Claire Infant-Rivard)
2004-2006	Jack Ishak, Ph.D. (Robert Platt)
2004-2006	Thao Huynh, M.Sc. (Jennifer O'Loughlin)
2003-2006	Carine Bellera, Ph.D. (Jim Hanley)
2004-2005	Mike Zappitelli, M.Sc. (Gilles Paradis)
*2003-2005	Eduardo da Silveira, M.Sc. (Alan Barkun)
2002-2005	Sasha Bernatsky, Ph.D. (Ann Clarke)
2002-2004	Allison Scott, M.Sc. (Marcel Behr)
2001-2002	Alison Jenkins, M.Sc. (Theresa Gyorkos)
2000-2003	Dean Fergusson, Ph.D. (Stan Shapiro)
2000-2001	Sasha Bernatsky, M.Sc. (Ann Clarke)
1999-2004	Sophie Kulaga, Ph.D. (Kevin Schwartzman)
1997-2001	Sergio Nishioka, Ph.D. (Theresa Gyorkos)
1997-1999	Veronique Benk, M.Sc. (Renaldo Battista)
1997-1999	Ahmet Demir, M.Sc. (Margaret Becklake)
1996-2000	Angela Mitra, M.Sc. (Pierre Ernst)
1996-1999	Christine Peshkin, M.Sc. (John Esdaile)
1996-1998	Hong Yong, M.Sc. (Samy Suissa)
1996-1998	Vanessa Catalan, Ph.D. (Jim Hanley)
1996-1998	Hala Tamim, Ph.D. (John Sampalis)
1995-1997	Michael Schull M.Sc. (Renaldo Battista)
1994-1998	Hélène Carabin, Ph.D. (Theresa Gyorkos)
1994-1996	Susan Chatwood, M.Sc. (Abby Lippman)
1994-1996	Elizabeth Stratton, M.Sc. (Terry Tannenbaum)
1993-1998	Lyne Lalonde, Ph.D. (Steven Grover)
1993-1995	Debby Lambert, M.Sc. (Ken Morgan)
1993-1995	K.S. Joseph, Ph.D. (Mike Kramer)
1993-1995	Karimollah Hajian Tilaki, Ph.D. (Jim Hanley)
1992-1993	Sonia Mata, M.Sc. (John Esdaile)
1992-1995	Kitaw Demissie, Ph.D. (Pierre Ernst)
1990-1993	Hailu Yeneneh, Ph.D. (Theresa Gyorkos)
1990-1995	Sylvie Cardin, Ph.D. (J.-F. Boivin)
1990-1995	Nancy Edwards, Ph.D. (J.-F. Boivin)
1989-1991	Fred Burge, M.Sc. (Pierre Tousignant)
1989-1990	Christiane Poulin, M.Sc. (Theresa Gyorkos)

## Current

- 2011- Jin Choi, M.Sc. (Louise Pilote)
- 2010- Megan Knoll, M.Sc. (Ann Clarke)
- 2010- Mengzhu Jiang, M.Sc. (Maida Sewitch)
- 2010- Samantha Hajna, Ph.D. (Kaberi DasGupta)
- 2007- Gisele Li, M.Sc. (Jean-Francois Boivin)
- 2007- Nha Uyen Nguyen Luu, M.Sc. (Ann Clarke)

## Supervision in the Faculty of Medicine Foreign Student Elective Program

Edgar Morales Juvera (Elective in Statistics in Medicine), 1990

## E3. Invited Lectures

### McGill Departments

1. Sample size and power calculations in clinical trials. Interdisciplinary Oncology Rounds Seminar, Montreal General Hospital, 1990.
2. Statistics: what you need to know to understand the medical literature. Montreal General Hospital Residents Journal Club, 1992.
3. A sample statistical consulting problem. Guest lecture given for the course Epidemiology 513-651, 1992.
4. The use of spreadsheets in epidemiology. Guest lecture given for the course Epidemiology 513-610 A, 1992.
5. Computer solutions to complex statistical problems. Department of Epidemiology and Biostatistics, Seminar Series, McGill University, 1992
6. Introduction to Bayesian analysis. Guest lecture given for the course Epidemiology 513-695, 1993.
7. Why should we consider Bayesian analysis? Division of Clinical Epidemiology, Montreal General Hospital Scientific Sessions, 1993.
8. Bayesian estimation in diagnostic testing in the absence of a gold standard. Division of Clinical Epidemiology, Montreal General Hospital Scientific Sessions, 1994.
9. Applications of Bayesian analysis in medicine. Guest lecture given for the course Epidemiology 513-695, 1994.
10. Managing uncertainty: Decision analysis and sample size. Pharmaco-economics Conference. Montreal General Hospital, 1994.
11. Statistical analysis for  $2 \times 2$  tables in the absence of a gold standard. Department of Epidemiology and Biostatistics Seminars, McGill University, 1994.
12. Bayesian analysis in epidemiology. Guest lecture given for the course Epidemiology 513-695, 1995.

13. Decision analysis in medicine. Guest speaker for the course Epidemiology 513-666, 1995.
14. Bayesian Computing I – Sampling Importance Resampling. Guest lecture for the course Epidemiology 513-677, 1996.
15. Bayesian Computing II – The Gibbs Sampler. Guest lecture for the course Epidemiology 513-677, 1996.
16. Bayesian Consulting – Sample size and model selection. Division of Clinical Epidemiology, Montreal General Hospital Scientific Sessions, 1997.
17. The Canadian Multi-Centered Osteoporosis Study – Design and statistical methods. Department of Epidemiology and Biostatistics, Seminar Series, McGill University, 1997.
18. Sample size and model selection via a Bayesian approach. Division of Clinical Epidemiology, Royal Victoria Hospital Scientific Sessions, 1998.
19. Decision analysis and sample size in medicine. Guest lecture for the course Epidemiology 513-630, 1998.
20. Introduction to statistics for quality of life evaluation. Guest speaker for the Two Day Pharmacoeconomics Conference, Montreal General Hospital, 1998.
21. Introduction to decision analysis. Guest lecture for the course Epidemiology 513-642, 1998.
22. Bayesian model selection. Centre for Clinical Epidemiology and Community Studies, Jewish General Hospital, 1999.
23. Why should a clinical researcher care about Bayesian analysis? Montreal Children’s Hospital Epidemiology Rounds, 1999.
24. A review of various sample size criteria. Division of Clinical Epidemiology, Montreal General Hospital Scientific Sessions, 2000.
25. Counterbalancing patient demands with evidence: Results from a Pan-Canadian RCT of group psychotherapy for SLE (with Patricia Dobkin). Department of Epidemiology and Biostatistics, Summer Seminar Series, McGill University, 2000.
26. Optimal design of medical studies: more than just sample size. Division of Clinical Epidemiology, Montreal General Hospital Scientific Sessions, 2001.
27. What sample size criterion should be used? Centre for Clinical Epidemiology and Community Studies, Jewish General Hospital, 2001.
28. Bayesian sample size criteria. Department of Mathematics and Statistics Seminar Series, March 29, 2001.
29. Bayesian analysis in Epidemiology. Guest lecture for the course Clinical Epidemiology, EPIB-679, May 2005.
30. Bayesian Model Selection. Department of Epidemiology and Biostatistics, Biostatistics Seminars, March 2006.
31. Introduction to optimal design for medical research. Centre for Clinical Epidemiology and Community Studies, Jewish General Hospital, December 2006.

32. Bayesian Analysis of Misclassified Data. Department of Epidemiology and Biostatistics, Seminar Series, McGill University, April 2007.
33. An introduction to Bayesian adjustments for measurement error. Department of Epidemiology and Biostatistics, Biostatistics Seminars, April 2008.
34. Variability: The Lifeblood of An Academic Biostatistician. Department of Epidemiology and Biostatistics, Seminar to Summer Interns, May 2010.
35. Introduction to R. Guest lecture for the course EPIB-607, September 2011.

## Outside McGill

1. Inference in multi-path change-point problems. Montreal Statistics Society Colloquium, 1993.
2. Bayesian sample size calculations. Seminars in Statistics, Université de Montréal, 1994.
3. Statistics in Medicine. Statistical Society of Montreal, 1994.
4. Estimating disease prevalence when there is no gold standard. Statistical Society of Montreal, 1994.
5. Bayesian estimation in diagnostic testing in the absence of a gold standard. Conseil d'évaluation des technologies de la santé du Québec, 1994.
6. Bayesian estimation of diagnostic test parameters. Biostatistics Seminar Series, Queen's University, Kingston, Ontario, 1995.
7. Statistical Methods in CaMos. Canadian Multicentered Osteoporosis Annual Scientific Meeting, Banff, Alberta, 1996.
8. Statistical aspects of sensitivity analysis: An application to screening for glaucoma in Quebec. Guest lecture for the course "Health technology assessment applied to screening", CCOHTA, 1998.
9. Bayesian model selection. Canadian Multicentered Osteoporosis Annual Scientific Meeting, Montreal, Quebec, 1999.
10. Bayesian Sample Size Criteria. Statistics 2001 Canada: The Fourth Canadian Conference in Applied Statistics. Concordia University, Montreal, June 8-10, 2001.
11. Criteria for Bayesian Sample Size Determination. CRM-SSC Bayesian Statistics Day, Université de Montréal, November 8, 2002.
12. Introduction to Bayesian Analysis for Clinicians. Canadian Cardiovascular Outcomes Research Team (CCORT) Research Day, Montreal General Hospital, November 22, 2002.
13. Top Ten Reasons to be Bayesian with an Example to Adjusting for Misclassification Error. Environmental Epidemiology and Population Health Research Group, Département de médecine sociale et préventive, Université de Montréal, November 25, 2009.

## F. Other Contributions

### F1. Journals

#### Journal Editorships

2006-2010 Associate Editor, *Statistics in Medicine*  
2010-2013 Associate Editor, *Biometrics*

#### Reviewer of Articles

1989- *Journal of Clinical Epidemiology*  
1992- *Canadian Journal of Statistics*  
1994- *Clinical and Investigative Medicine*  
1994- *Arthritis and Rheumatism*  
1994- *The Statistician*  
1994- *Communications in Statistics*  
1995- *Annals of the Institute of Statistical Mathematics*  
1995- *Medical Decision Making*  
1995- *American Journal of Public Health*  
1996- *Journal of the American Statistical Association*  
1997- *Journal of Statistical Computation and Simulation*  
1997- *Canadian Medical Association Journal*  
1998- *American Journal of Epidemiology*  
1998- *The Lancet*  
1998- *The Annals of Surgical Oncology*  
1999- *Statistics in Medicine*  
2000- *Biometrics*  
2002- *Parasitology*  
2003- *Statistical Science*  
2003- *Controlled Clinical Trials*  
2004- *Statistics*  
2005- *Computational Statistics and Data Analysis*  
2005- *Econometrica*  
2008- *Journal of Statistical Planning and Inference*  
2009- *Statistics and Probability Letters*  
2009- *Contemporary Clinical Trials*  
2011 - *Environmental Reviews*  
2011 - *Clinical Infectious Diseases*

## **F2. Grant Reviews**

### **Reviewer For Granting Agencies**

- 1992- IRSST (Institut de recherche en santé et en sécurité du travail au Québec)
- 1992- FRSQ (Fonds de la Recherche en Santé du Québec)
- 1993- NSERC (Natural Sciences and Engineering Research Council)
- 1994- MRC (Medical Research Council)
- 1996- NHRDP (National Health Research and Development Program)
- 1999- CIHR (Canadian Institutes of Health Research)

### **Panel Member of Review Committees**

- 1995 NHRDP (National Health Research and Development Program)
- 1994-1996 CCOHTA (Canadian Coordinating Office for Health Technology Assessment)
- 1997 MRC (Medical Research Council)
- 1999-2002 NSERC (Natural Sciences and Engineering Research Council)
- 2003 - CIHR (Canadian Institutes of Health Research)

## **F3. Administrative Responsibilities**

- 1989-1990 Organizer, Research Seminars, Division of Clinical Epidemiology, Montreal General Hospital
- 1990-1991 Organizer, Scientific Sessions, Division of Clinical Epidemiology, Montreal General Hospital
- 1992 Organizer, Biostatistical Group Meetings, Department of Epidemiology and Biostatistics, McGill University
- 2000 Organizer, Research Seminars, Division of Clinical Epidemiology, Montreal General Hospital (April 2000)
- 2001 Organizer, Research Seminars, Division of Clinical Epidemiology, Montreal General Hospital (February 2001)
- 2004 Organizer, Research Seminars, Division of Clinical Epidemiology, Montreal General Hospital (May 2004)
- 2008 Organizer, Research Seminars, Division of Clinical Epidemiology, McGill University Health Center (November 2008)

#### F4. Committees

- 1991-1993 Member, Admissions Committee, Department of Epidemiology and Biostatistics, McGill University
- 1992-1993 Member, Curriculum Committee B, Department of Epidemiology and Biostatistics, McGill University
- 1993-1994 Chairman, Curriculum Committee B, Department of Epidemiology and Biostatistics, McGill University.  
Responsible for the design, content, and implementation of the new Biostatistics stream which began in September, 1994.
- 1994-1996 Member, Curriculum Committee, Department of Epidemiology and Biostatistics, McGill University
- 1994-2001 Program Advisor, Biostatistics Stream, Department of Epidemiology and Biostatistics, McGill University
- 1994- 1997 Member, Graduate Studies Committee, Department of Epidemiology and Biostatistics, McGill University
- 1996-1997 Chairman, Curriculum Committee, Department of Epidemiology and Biostatistics, McGill University
- 1997-2001 Member, Curriculum Committee, Department of Epidemiology and Biostatistics, McGill University
- 1998-2001 Member, Coordinating Committee, Department of Epidemiology and Biostatistics, McGill University
- 2002-2004 Member, Fellowships and Ranking Committee, Department of Epidemiology and Biostatistics, McGill University
- 2002- Member, Ad hoc MSc Program Committee, Department of Epidemiology and Biostatistics, McGill University
- 2002-2004 Member, Admissions Committee, Department of Epidemiology and Biostatistics, McGill University
- 2002-2004 Member, Ad hoc committee for academic non-tenure track appointments, Department of Epidemiology and Biostatistics, McGill University
- 2002-2004 Member, Ad hoc committee for Faculty Appointments, Department of Epidemiology and Biostatistics, McGill University
- 2003-2008 Member, Appointments Promotions and Tenure Sub-Committee, Department of Epidemiology and Biostatistics, McGill University
- 2004- Chair, Admissions Committee, Department of Epidemiology and Biostatistics, McGill University
- 2004- Member, Graduate Studies Committee, Department of Epidemiology and Biostatistics, McGill University
- 2005-2010 Faculty Member, Board of Governors, CKUT Campus/Community Radio McGill University
- 2005- Member, Recruitment Committee, Department of Epidemiology and Biostatistics, McGill University
- 2008-2011 Member, Promotions Committee, Faculty of Medicine, McGill University
- 2009- Member, Departmental Tenure Committee, Department of Epidemiology and Biostatistics, McGill University

## F5. Professional Associations

- 1987- Institute of Mathematical Statistics
- 1987- American Statistical Association
- 1989- Biometric Society
- 1994- Canadian Statistical Society
- 1994- International Society for Bayesian Analysis

## F6. Other Professional and Scientific Contributions

- 1992-1995 McGill representative and judge at the Montreal Regional Science Fair
- 1990-1994 Member, EPI-PALU, interdisciplinary malaria research

## G. Research

### G1. Research Activities

My research program currently focuses on three topics in biostatistical research.

(i) Estimating population prevalence and the properties of diagnostic tests in the absence of a gold standard: It is common in population screening surveys or in the investigation of new diagnostic tests to have results from one or more tests investigating the same disease, but none of which can be considered perfectly error-free. Despite these limitations, it is important for clinical and public health practice to have the best possible estimates of disease prevalence and the properties of diagnostic tests, such as the sensitivity and specificity. Methodology for the simultaneous estimation of the prevalence and test properties has been developed, and applied to several different areas, including asthma and parasitology. Current work includes extending the methodologies to correlated tests, ROC curve estimation, and design issues in diagnostic testing.

(ii) Multi-path change-point (MPCP) modelling: MPCP models offer a completely original approach to the analysis of repeated measures designs. These designs are of great interest since many medical experiments take several measurements of each subject over time, and MPCP models can produce improved estimators of important parameters for these designs. In addition, the models are able to answer clinically important questions not addressable by standard analyses. Various MPCP models have been developed, and applied to studies in neurology, public health, traffic safety, and hypertension prevention. Current work includes various clinical applications and design issues.

(iii) Bayesian methods for sample size calculations: Consideration of the optimal number of subjects required is an essential step in the planning of virtually every experiment in medicine. Novel methods have been developed for sample size determination for experiments giving rise to binomial, normal, and differences between two binomial or normal data. Current research investigates more complex univariate and multivariate situations.

New biostatistical methods cannot reach their full potential without the distribution of the software necessary for their implementation. User-friendly programs have been created for all of the above methodologies, and have been made available to other researchers through the internet. Requests for this software are received

regularly.

In addition to the above research activities, I also serve as the collaborating biostatistician on many projects in various areas of medical research. Among others, I am currently participating in projects investigating osteoporosis, gastroenterological disorders, lupus nephritis, cardiovascular diseases, peanut allergy research, and child vaccination research. On all of the above projects, I am a co-principal investigator or co-investigator on the grants funding the project. In addition, I have been co-director of the Biostatistical Consulting Unit at the Montreal General Hospital since 1989, and have worked on a great number of projects in other areas in this capacity.

## G2. Personal Support Awards

1983-1986	Natural Sciences and Engineering Research Council Award	\$24,000
1986-1988	McConnell Fellowship in Science	\$16,000
1989-1992	Montreal General Hospital Foundation Award	\$110,000
1994-1997	FRSQ Chercheur-Boursier	\$120,657
1997-2001	FRSQ Chercheur-Boursier	\$185,392
2001-2006	CIHR Senior Investigator Award	\$350,000
2006-2011	FRSQ Chercheur-Nationale	\$150,000

## G3. Grants Obtained

### As Principal or Co-Principal Investigator, and Team Grants

1. NSERC – Statistical inference in multi-path change-point problems with applications, Principal Investigator, \$28,500, 1990–1993.
2. The Arthritis Society – Prognosis of systemic lupus erythematosus Co-Principal Investigator, \$340,270, 1991–1995.
3. NHRDP – National Osteoporosis Study-Protocol Development Co-Principal Investigator, \$82,580, 1993–1993.
4. NSERC – Multi-path change-point problems/Bayesian methods in meta-analysis Principal Investigator, \$21,000, 1993–1996.
5. NHRDP – National osteoporosis survey. Co-Principal Investigator, \$672,045, 1993–1995.
6. Procter & Gamble – Canadian multicentred osteoporosis study Co-Principal Investigator, \$100,000 1994–1995.
7. FRSQ – Établissement jeune chercheur (New statistical designs and analysis for commonly occurring medical experiments) Principal Investigator, \$40,000, 1994–1996.
8. FCAR – Change-point problems in statistics Team Grant, \$114,000, 1994–1997.
9. Eli Lilly Canada – Canadian multicentred osteoporosis study Co-Principal Investigator, \$1,000,000, 1994–1999.

10. Merck-Frosst Canada – Canadian multicentred osteoporosis study Co-Principal Investigator, \$1,400,000, 1994–2000.
11. Conseil d'évaluation des technologies de la santé du Québec – Screening for glaucoma: A Monte Carlo sensitivity analysis, Co-Principal Investigator, \$7,333, 1995–1996.
12. The Arthritis Society – Prognosis of systemic lupus erythematosus, Co-Principal Investigator, \$59,980, 1995–1998.
13. NHRDP – Canadian multicentred osteoporosis study, Co-Principal Investigator, \$2,530,000, 1995–1998.
14. MRC-PMAC – Canadian multicentred osteoporosis study, Co-Principal Investigator, \$440,000, 1995–1998.
15. NSERC – Applied Bayesian Biostatistics, Principal Investigator, \$65,600, 1996–2000.
16. The Arthritis Society – Vascular disease in systemic lupus erythematosus, Co-Principal Investigator, \$79,960, 1996–1998.
17. FRSQ – Outcomes research and technology assessment in digestive diseases, Co-Principal Investigator, \$217,500, 1997–2000.
18. FCAR – Statistical analyses of temporally and spatially varying data: change-point problems and brain mapping. Team Grant, \$114,000, 1997–2000.
19. NHRDP – Canadian multicentred osteoporosis study, Co-Principal Investigator, \$255,178.00, 1998.
20. MRC – Canadian multicentred osteoporosis study, Co-Principal Investigator, \$1,909,499, 1998–2002.
21. Canadian Arthritis Network – Statistical inference for ROC curves in the absence of a gold standard test - application to the use of Anti-IgG-AGE antibodies in determining the severity of rheumatologic disease, Principal Investigator, \$23,000, 1999–2000.
22. FCAR - Stations graphiques de travail pour ondelettes, analyse des données fonctionnelles, champs aléatoires et méthodes Bayésiennes pour la cartographie cérébrale, Team Grant, \$30,000, 1999–2000.
23. NSERC – Applied Bayesian Biostatistics, Principal Investigator, \$100,000, 2000–2004.
24. Conseil d'évaluation des technologies de la santé du Québec – Screening for colorectal cancer: A Monte Carlo sensitivity analysis, Principal Investigator, \$15,000, 2000.
25. FCAR – L'analyse statistique des données tempo-relles et spatiales: problèmes de rupture et cartographie cérébrale. Team Grant, \$114,390, 2000–2003.
26. Canadian Arthritis Network – Statistical inference for continuous diagnostic tests in the absence of a perfect gold standard test - application to the use of various laboratory markers in determining the presence and severity of rheumatologic disease, Principal Investigator, \$23,000, 2000–2001.
27. FQRNT (equipment grant) - Methodes statistiques pour donnees spatio-temporelles de cartographie cerebrale: recalage et segmentation, champs aleatoires, analyse des donnees fonctionnelles, ondelettes et analyse de survie. Team Grant \$38,820, 2003–2004.
28. FQRNT - Methodes statistiques pour donnees spatio-temporelles de cartographie cerebrale: recalage et segmentation, champs aleatoires, analyse des donnees fonctionnelles, ondelettes et analyse de survie. Team Grant \$210,000, 2003–2006.
29. NSERC – Applied Bayesian Biostatistics, Principal Investigator, \$170,000, 2004–2009.

30. FQRNT - Inférence bayésienne et fréquentiste pour données spatiotemporelles d'imagerie. Team Grant \$135,000, 2006-2009.
31. FQRNT (equipment grant) - Inférence bayésienne et fréquentiste pour données spatiotemporelles d'imagerie. \$18,585, 2006-2007.
32. NSERC – Applied Bayesian Biostatistics, Principal Investigator, \$190,000, 2009–2014.

### As Co-Investigator

33. FRSQ – Gallbladder stone lithotripsy versus cholecystectomy: A randomized trial, \$180,000, 1990–1992.
34. AUPELF – Étude sur l'acceptabilité de moustiquaires imprégnées comme moyen de lutte contre la malaria dans le cadre des soins de santé primaires, \$5,800, 1990–1991.
35. AUPELF – L'effet du traitement présomptif et thérapeutique sur le développement de l'immunité à médiation cellulaire contre *P. falciparum* chez les enfants en bas âge en Haïti rurale, \$24,000, 1990–1992.
36. CRDI – Étude sur l'acceptabilité de moustiquaires imprégnées comme moyen de lutte contre la malaria dans le cadre des soins de santé primaire, \$13,350, 1990–1991.
37. WHO – Antimalarial drug utilization by women in Central Ethiopia \$25,000, 1991–1992.
38. The Arthritis Society – Study of diffuse idiopathic skeletal hyperostosis, \$227,400, 1991–1996.
39. FRSQ – Enquête sur les aptitudes des médecins de famille à s'occuper des patients atteints de démence, \$18,133, 1992–1993.
40. FRSQ – Enquête sur les besoins et les atteints du patient dément et de proches par rapport au médecin de famille, \$9,216, 1992–1993.
41. Dairy Bureau of Canada – Dietary modification to prevent cardiovascular disease among Canadians: A cost-effectiveness analysis, \$317,611, 1992–1994.
42. Dairy Farmers of Canada – Modifying specific risk factors to prevent the development of coronary heart disease: A cost-utility analysis incorporating quality of life measurements into the Coronary Heart Disease Prevention Model, \$91,000, 1995–1996.
43. FRSQ – Priority Team in Gastroenterology, \$76,280, 1995–1996.
44. FRSQ – Comparing health care costs & health outcome in patients with systemic lupus erythematosus in Canada, the United States, and the United Kingdom, \$116,614, 1995–1997.
45. NHRDP – Enquête sur les besoins et les attentes du patients dément et des aidants naturels par rapport au médecin de famille, \$213,873, 1995–1997.
46. FRSQ – A prospective cohort study of quality of life after acute myocardial infarction, \$120,000, 1996–1998.
47. Heart and Stroke Foundation – Iron metabolism and coronary artery disease, \$10,000, 1996–1998.
48. FRSQ – Trination Phase II: linking health resource utilization and health care expenditure in patients with systemic lupus erythematosus in three nations - Quebec, United States, and United Kingdom, to health outcomes.

49. NHRDP – Decreasing costs and improving outcomes in chronic disease: A randomized multi-site trial of group psychotherapy for patients with systemic lupus erythematosus. \$200,000 1996–1998.
50. FRSQ – Delays in adjuvant radiotherapy for women with breast cancer: Causes and consequences. \$96,850 1997–1999.
51. The Arthritis Society – A rheumatologic cause of arterosclerosis. \$59,750 (first year, rest TBA) 1997–2000.
52. American Digestive Health foundation / American Society for Gastrointestinal Endoscopy MRCP versus ERCP in the approach to patients with suspected biliary obstruction - a cost-effectiveness trial. \$20,000 (US Dollars) 1999.
53. FRSQ – A retrospective study of the treatment of acute myocardial infarction in Quebec. \$115,432 1999-2001.
54. MRC - MRCP/ERCP: A randomized trial in the management of patients with suspected biliary obstruction. \$255,027 1999-2002.
55. FRSQ - La régionalisation des soins pour traumatismes au Québec; impact sur l'issue pour les patients. \$120,000 2000-2001.
56. FRSQ - Estimation de la prévalence de l'allergie aux arachides chez les écoliers montréalais âgés entre 5 et 8 ans. \$58,405 + \$52,219 2000-2001.
57. MRC - National Evaluation of Trauma Care in Canada. \$220,000 2000-2002.
58. FRSQ – The effectiveness of Helicobacter pylori eradication on gastroesophageal reflux disease: A double blind randomized controlled trial in patients with pyrosis. \$120,000, 2000-2002.
59. CIHR – Pre-cut sphincterotomy versus repeat conventional attempt for failed cannulation at ERCP (endoscopic retrograde cholangio-pancreatography) \$440,219, 2001-2003.
60. CIHR – The prevalence of peanut allergy in Montreal school children ages 5 to 8: A first step in improving its management and potentially preventing its development. \$28,454, 2001–2003.
61. CIHR – The roles of acquired activated protein C resistance and homocysteine in thrombosis observed in human antiphospholipid antibody syndrome. \$224,727, 2001-2005.
62. CIHR – Delays in radiation therapy for cancer: A prospective study. \$271,642, 2002-2004.
63. CIHR - A multi-centre nested case-control study of immunosuppressive agents and malignancy in systemic lupus erythematosus. \$289,335, 2002-2005.
64. CIHR - The role of thrombophilic factors in persons with systemic lupus erythematosus. \$666,456, 2003-2008.
65. CIHR - Zyban as an effective smoking cessation aid for patients following ACS: The ZESCA Trial. \$1,457,900, 2003-2006.
66. CIHR - Estimating the effectiveness of invasive and non-invasive management strategies for acute myocardial infarction using administrative databases. \$64,972, 2004-2006.
67. CIHR - A population-based study of determinants of variation in the management of acute myocardial infarction. \$60,185, 2004-2006.
68. CIHR - Canadian multi-centre osteoporosis study (CaMos). \$4,225,470, 2004 - 2010.

69. CTCRI - The Safety of TrAnsDermal nicotine Immediately following an Acute coronary syndrome (STADIA) Trial: a Pilot Study. \$50,000, 2005-2006.
70. CIHR - A hierarchical Bayesian meta-analysis of randomized clinical trials of smoking cessation aids. \$50,000, 2005-2006.
71. CIHR - An economic and quality of life evaluation of bupropion therapy for smoking cessation in patients following an acute coronary syndrome. \$119,400, 2005-2008.
72. CIHR - Strategies for population-based studies of SLE using administrative data. \$75,000, 2005-2006.
73. CIHR - Exposure to immunosuppressive drugs and cancer risk in systemic lupus erythematosus. \$167,331, 2005-2007.
74. CIHR - Investigation of fluctuations in inflammatory markers in stable subjects across the clinical spectrum of ischemic heart disease. \$240,342, 2005-2008.
75. CIHR - Cox-2 selective inhibitors and cardiovascular outcomes in an elderly population \$219,684, 2005-2007.
76. Allergen - Is the prevalence of peanut allergy increasing? A five year follow-up study on the prevalence of peanut allergy in Montreal school children aged 5 to 9 years. \$96,000, 2005-2007.
77. CIHR - A population-based analysis of the effectiveness and determinants of use of cardiac drugs for congestive heart failure. \$104,358, 2005-2008.
78. CIHR - Evaluating the effectiveness of a guideline to reduce peanut substances from primary school classrooms. \$130,500, 2005-2007.
79. CIHR - Is the prevalence of peanut allergy increasing? A five year follow-up study on the prevalence of peanut allergy in Montreal school children aged 5 to 9 years. \$444,744, 2005-2008.
80. Allergen - The development, implementation, and evaluation of strategies to promote the well-being of children and youth with allergies and/or asthma-programme. \$299,551, 2005-2007.
81. CIHR - Walking behavior and glycemic control in Type 2 Diabetes: Seasonal and sex differences. \$156,241, 2006-2009.
82. CIHR - Administrative Database Research in Rheumatic Diseases: Novel Techniques. \$227,600, 2006-2009.
83. National Cancer Institute of Canada - Development and validation of a method to discern screening from surveillance, diagnostic, and colonoscopy in health administrative databases in three Canadian provinces. \$143,487, 2006-2008.
84. The Arthritis Society- Lymphoma Risk in SLE: A consequence of immune suppression or stimulation. \$413,400, 2006-2009.
85. CCERN - Assessment of histological type and prognosis in lymphoma in SLE. \$27,057, 2006.
86. CIHR - Cardiac outcomes in patients with metabolic syndrome: A systematic review and hierarchical Bayesian meta-analysis. \$112,815, 2007-2009.
87. CTCRI - Pharmacogenetic and Pharmacokinetic Variation in CYP2B6 and the efficacy of Zyban as a smoking cessation aid: A ZESCA trial sub-study. \$50,000 2007-2008.

88. Heart and Stroke Foundation of Quebec - Pharmacogenetic and Pharmacokinetic Variation in CYP2B6 and the efficacy of Zyban as a smoking cessation aid: A ZESCA trial sub-study. \$43,500 2007-2010.
89. CIHR - The efficacy of popular diets: A systematic review and hierarchical Bayesian meta-analysis. \$100,150 2008-2010.
90. FRSQ - Understanding outcomes of colonoscopy. \$196,711, 2008-2011.
91. CIHR - The costs and benefits of screening and treating obesity among Canadians: A critical assessment of the 2006 Canadian obesity guidelines. \$98,866, 2008.
92. McGill Internal Grant - Diabetes, Decreased Energy Intake, and Vitamin D: The Three D Research Program in overweight adults with Type 2 diabetes. \$249,121, 2008-2010.
93. Diabète Québec - Adapting an established Internet-based menu planning system to achieve weight loss and healthy eating in type 2 diabetes: A pilot project with SOS Cuisine. \$20,000, 2009-2010.
94. CIHR - Intervention to improve colorectal cancer screening rates. \$209,825, 2009-2011.
95. National Cancer Institute of Canada - Intervention to improve colorectal cancer screening rates. \$214,797, 2009-2011.
96. Canadian Arthritis Network - Administrative database research in rheumatic diseases: Pediatric populations. \$240,000, 2009-2011.
97. Allergen - Special Populations of Canadians and Influences on Food Allergy. \$531,450, 2009-2012.
98. CIHR - Knowledge Translation: Surveillance of Chronic Rheumatic Diseases Using Administrative Databases. \$14,000, 2010-2010.
99. CIHR - Multiplex screening assays for HIV and co-infections: will they benefit patients, providers and health care systems? \$100,000, 2010-2011.
100. CIHR - The Efficacy of Weight Loss Interventions: A Systematic Review and Hierarchical Bayesian Meta-Analysis. \$100,000, 2010-2011.
101. Heart and Stroke Foundation Canada - The Efficacy of Weight Loss Interventions: A Systematic Review and Hierarchical Bayesian Meta-Analysis. \$20,000, 2010-2011.
102. CIHR - Unconventional Smoking Cessation Aids: A Meta-Analysis of Randomized Controlled Trials. \$67,032, 2010-2011.
103. CIHR - OWN: On-line Wellness Program for New Parents to Be. \$75,635. 2011-2012.
104. CIHR - Step Monitoring to improve ARTERial health (SMARTER). \$461,670. 2011-2014.
105. CIHR - Combining motivational support, meal preparation training, and a tapering course of meal replacements to achieve vascular risk reduction in women with a gestational diabetes history (MoMM). \$99,947. 2011-2012.
106. CIHR - Safety of oral contraceptives: A systematic review and meta-analysis. \$47,250 2012-2013.
107. CIHR - Developing a Web Portal for Health Professionals to Evaluate a Cardio-Metabolic Disease Simulation Model: MyHealthCheckUp.com. \$95,958. 2012-2013.

## G4. Publications

### G4a. Articles in Peer-Reviewed Journals (Asterisks indicate graduate student as first author)

#### Published:

1. Tannenbaum T, Sampalis JS, Battista RN, Rosenberg EE, **Joseph L**. The early detection and treatment of hyperlipidemia - Physician practices in Canada. *Canadian Medical Association Journal* 1990;143(9):875-881.
2. **Joseph L**, Wolfson C, Wolfson D. Is multiple sclerosis an infectious disease? Inference about an input process based on the output. *Biometrics* 1990;46(2):337-349.
3. **Joseph L**, Wolfson D. Estimating the change in a renewal process when the data are counts. *Communications in Statistics - Simulation and Computation* 1990;19(4):1431-1441.
4. Shenouda G, Souhami L, Freeman C, Hazel J, Lehnert S, **Joseph L**. Accelerated fractionation for high-grade cerebral astrocytomas: Preliminary treatment results. *Cancer* 1991;67:2247-2252.
5. \*Poulin C, Gyorkos TW, **Joseph L**. The hepatitis B immunization strategy in Nova Scotia: Is it effective? *Canadian Journal of Public Health* 1992;83(4):286-289.
6. **Joseph L**, Wolfson D. Estimation in multi-path change-point problems. *Communications in Statistics - Theory and Methods* 1992;21(4):897-913.
7. Grover SA, Abrahamowicz M, **Joseph L**, Brewer C, Coupal L, Suissa S. The benefits of treating hyperlipidemia to prevent coronary heart disease: Predicting changes in life expectancy and morbidity. *Journal of the American Medical Association* 1992;267(6):816-822.
8. Lamping D, **Joseph L**, Ryan B, Gilmore N. Détresse psychologique chez les personnes atteintes du VIH à Montréal. *Santé Mentale au Québec* 1992;XVII(1):73-96.
9. \*Poulin C, Gyorkos TW, **Joseph L**, Schlech III W, Lee S. An epidemic of hepatitis B among injection drug users in a rural area. *Canadian Journal of Public Health* 1992;83(2):102-105.
10. Barkun JS, Barkun AN, Sampalis JS et al.: **Joseph L**, member of the McGill Gallstone Treatment Group. Randomised controlled trial of laparoscopic versus mini cholecystectomy. *Lancet* 1992;340:1116-1119.
11. \*Yeneneh H, Gyorkos TW, **Joseph L**, Pickering J, Tedla S. Antimalarial drug utilization by women in Ethiopia: a knowledge - attitudes - practice study. *Bulletin of the World Health Organization* 1993;71:763-772.
12. \*Mata S, Hill R, **Joseph L**, Kaplan P, Dussault R, Watts C, Fitzcharles M, Shiroky J, Fortin PR, Esdaile JM. Chest radiographs as a screening test for diffuse idiopathic skeletal hyperostosis. *The Journal of Rheumatology* 1993;20:1905-10.
13. Esdaile JM, **Joseph L**, MacKenzie T, Kashgarian M, Hayslett JP. The pathenogenesis and prognosis of lupus nephritis: Information from repeat renal biopsy. *Seminars in Arthritis and Rheumatism* 1993;23(2):135-148.

14. **Joseph L**, Wolfson D. Maximum likelihood estimation in the multi-path change-point problem. *Annals of the Institute for Statistical Mathematics* 1993;45(3):511-530.
15. Shenouda G, Labateya M, Souhami L, Donath D, Vuong T, **Joseph L**. Elevated serum cytokines in patients with malignancy and weight loss. *International Journal of Oncology* 1993;2:115-118.
16. \*Poulin C, Gyorkos TW, **Joseph L**. Estimation of the secondary attack rate for Delta hepatitis co-infection among infectious drug users. *Canadian Journal of Infectious Diseases* 1993;4(1):47-51.
17. \*Raynault MF, Battista RN, **Joseph L**, Fournier L. Motifs d'hospitalisation et durées de séjour d'une population d'itinérants de Montréal. *Canadian Journal of Public Health* 1994;85(4):274-277.
18. Fraenkel L, Mackenzie T, **Joseph L**, Kashgarian M, Hayslett JP, Esdaile JM. Response to treatment as a predictor of longterm outcome in patients with lupus nephritis. *Journal of Rheumatology* 1994;21(11):2052-2057.
19. Esdaile JM, **Joseph L**, Mackenzie T, Kashgarian M, Hayslett JP. The benefit of early treatment with immunosuppressive agents in lupus nephritis. *The Journal of Rheumatology* 1994;21:2046-51.
20. Frenette P, Thirlwell M, Trudeau M, Thomson D, **Joseph L**, Shuster J. The diagnostic value of CA 27-29, CA 15-3 mucin-like carcinoma Antigen, carcinoembryonic antigen and CA 19-9 in breast and gastrointestinal malignancies. *Tumor Biology* 1994;15(5):247-254.
21. Fried G, Barkun J, Sigman H, **Joseph L**, Clas D, Garzon J, Hinchey E, Meakins J. Factors determining conversion to laparotomy in patients undergoing laparoscopic cholecystectomy. *American Journal of Surgery* 1994;167(1):35-9; discussion 39-41.
22. Grover SA, Gray-Donald K, **Joseph L**, Abrahamowicz M, Coupal L. Life expectancy following dietary modification or smoking cessation: estimating the benefits of a prudent lifestyle. *Archives of Internal Medicine* 1994;154:1697-1704.
23. Dongier M, Hill JM, Kealy S, **Joseph L**. Screening for alcoholism in general hospitals. *Canadian Journal of Psychiatry* 1994;39(1):12-20.
24. \*Mata S, Wolfe F, **Joseph L**, Esdaile JM. Absence of an association of rheumatoid arthritis and diffuse idiopathic skeletal hyperostosis: A case-control study. *Journal of Rheumatology* 1995;22:2062-2064.
25. Ernst P, Demissie K, **Joseph L**, Locher U, Becklake M. Socioeconomic status and indicators of asthma in children. *American Journal of Respiratory and Critical Care Medicine* 1995;152:570-575.
26. **Joseph L**, Wolfson D, and du Berger R. Sample size calculations for binomial proportions via highest posterior density intervals. *The Statistician* 1995;44(2):143-154.
27. **Joseph L**, Wolfson D, and du Berger R. Some comments on Bayesian sample size determination. *The Statistician* 1995;44:167-171.
28. Grover SA, Lowensteyn I, Esrey KL, Steinert Y, **Joseph L**, Abrahamowicz M. Do doctors accurately assess the coronary risk of their patients? Preliminary results of the coronary health assessment study. *British Medical Journal* 1995;310:975-978.
29. \*Brophy J, **Joseph L**. Placing trials in context using Bayesian analysis: GUSTO revisited by reverend Bayes. *Journal of the American Medical Association* 1995;273(11):871-875.
30. **Joseph L**, Gyorkos T, Coupal L. Bayesian estimation of disease prevalence and the parameters of diagnostic tests in the absence of a gold standard. *American Journal of Epidemiology* 1995;141(3):263-272.

31. Esdaile J, **Joseph L**, Abrahamowicz M, Li Y, Danoff D, Clarke A. Routine immunologic tests in systemic lupus erythematosus - Is there a need for more studies? *Journal of Rheumatology* 1996;23(11):1891–1896.
32. **Joseph L**, Gyorkos T. Inferences for likelihood ratios in the absence of a gold standard. *Medical Decision Making* 1996;16(4):412–417.
33. Esdaile JM, Abrahamowicz M, **Joseph L**, Li Y, MacKenzie T, Danoff D. Laboratory tests as predictors of disease exacerbations in systemic lupus erythematosus - Why some tests fail. *Arthritis and Rheumatism* 1996;39:370-378.
34. **Joseph L**, Vandal AC, Wolfson DB. Estimation in the multi-path change-point problem for correlated data. *Canadian Journal of Statistics* 1996;24:37-53.
35. Esrey KL, **Joseph L**, Grover SA. The relationship between dietary intake and coronary heart disease mortality: the lipid research clinics prevalence follow-up study. *Journal of Clinical Epidemiology* 1996;49:211,216.
36. Bouchard S, Barkun A, Barkun J, **Joseph L**. Technology assessment in laparoscopic general surgery and gastrointestinal endoscopy - science or convenience? *Gastroenterology* 1996;110:915-925.
37. Poulin de Courval L, Saroyan A, **Joseph L**, Gauthier S. Les aptitudes des médecins de famille à soigner les patients atteints de démence. *Canadian Family Physician* 1996;21:1496-1502.
38. \*Demissie K, Ernst P, Gray-Donald K, **Joseph L**. Usual dietary salt intake and asthma in children: a case-control study. *Thorax* 1996;51(1):59-63.
39. Barkun A, Barkun J, Sampalis J, Caro J, Fried G, Meakins J, **Joseph L**, Goresky C, and the McGill Gallstone Treatment Group. Costs and effectiveness of extracorporeal gallbladder stone shock wave lithotripsy versus laparoscopic cholecystectomy - a randomized clinical trial. *International Journal of Technology Assessment in Health Care* 1997;13(4):589-601.
40. Lowensteyn I, **Joseph L**, Grover S. Who needs an exercise test? Evaluating the new American College of Sports Medicine risk stratification guidelines. *Journal of Cardiopulmonary Rehabilitation* 1997;17:253-260.
41. \*Demissie K, Ernst P, **Joseph L**, Becklake MR. Birthweight and preterm birth in relation to indicators of childhood asthma. *Canadian Respiratory Journal* 1997;4(2):91-97.
42. **Joseph L**, Wolfson D, du Berger R, Lyle RM. Analysis of panel data with change-points. *Statistica Sinica* 1997;7(3):687-703.
43. Eason E, Sampalis J, Hemmings R, and **Joseph L**. Povidone-iodine gel vaginal antisepsis for abdominal hysterectomy. *American Journal of Obstetrics and Gynecology* 1997;176(5):1011-1016.
44. **Joseph L**, Wolfson D. Interval-based versus decision theoretic criteria for the choice of sample size. *The Statistician* 1997;46(2):145-149.
45. **Joseph L**, Bélisle P. Bayesian sample size determination for Normal means and differences between Normal means. *The Statistician* 1997;46(2):209-226.
46. \*Brophy J, and **Joseph L**. Bayesian interim statistical analysis of randomised trials. *The Lancet* 1997;349(9059):1166-1168.

47. \*Mata S, Fortin P, Fitzcharles M, Starr M, **Joseph L**, Watts C, Gore B, Rosenberg E, Chhem R, Esdaile J. A controlled study of diffuse idiopathic skeletal hyperostosis: clinical features and functional status. *Medicine* 1997;76(2):104-117.
48. **Joseph L**, du Berger R, and Bélisle P. Bayesian and mixed Bayesian/likelihood criteria for sample size determination. *Statistics in Medicine* 1997;16(7):769-781.
49. \*Hajian-Tilaki K, Hanley J, **Joseph L**, Collet J-P. An extension of Receiver Operating Characteristic analysis to data concerning multiple signal detection tasks. *Academic Radiology* 1997;4(3):222-229.
50. Rosenberg E, Lamping D, **Joseph L**, Pless I, Franco E. Cholesterol screening of children at high risk: Behavioral and psychological effects. *Canadian Medical Association Journal* 1997;156(4):489-496.
51. \*Hajian-Tilaki K, Hanley J, **Joseph L**, Collet J-P. A comparison of parametric and non-parametric approaches to ROC analysis of the accuracy of quantitative diagnostic tests. *Medical Decision Making* 1997;17(1):94-102.
52. \*Tsakonas E, **Joseph L**, Esdaile JM, Choquette D, Senecal JL, Cividino A, Danoff D, Osterland CK, Yeadon C, Smith CD. A long-term study of hydroxychloroquine withdrawal on exacerbations in systemic lupus erythematosus. *Lupus* 1998;7:80-85.
53. \*Chatwood-Affleck S, Lippman A, **Joseph L**, Pekeles G. Indications for transfer for childbirth in Inuit women at the Innuulisivik Maternity. *International Journal of Circumpolar Health* 1998;57(1):121-126.
54. \*Mata S, Chhem R, Fortin P, **Joseph L**, Esdaile J. Comprehensive radiologic evaluation of diffuse idiopathic skeletal hypertosis (DISH): development and inter-rater reliability of a scoring system. *Seminars in Arthritis and Rheumatism* 1998;28(2):88-96.
55. Lowensteyn I, **Joseph L**, Levinton C, Abrahamowicz M, Steinert Y, Grover S. Can computerized risk profiles help patients improve their coronary risk? The results of the Coronary Health Assessment Study (CHAS). *Preventive Medicine* 1998;27(5):730-737.
56. \*Demissie K, Ernst P, **Joseph L**, Becklake M. The role of domestic factors and day-care attendance on lung function of primary school children. *Respiratory Medicine* 1998;92(7):928-935.
57. \*Carabin H, Gyorkos T, Kokoskin E, Payment P, **Joseph L**, Soto J. Comparison of methods of sampling for *Toxocara* species and fecal coliforms in an outdoor day care environment. *Canadian Journal of Infectious Diseases* 1998;9(3):149-156.
58. \*Demissie K, White N, **Joseph L**, Ernst P. Bayesian estimation of asthma prevalence, and comparison of exercise and questionnaire diagnostics in the absence of a gold standard. *Annals of Epidemiology* 1998;8(3):201-208.
59. \*Brophy J, **Joseph L**. Practice variations, chance and quality of care. *Canadian Medical Association Journal* 1998;159:949-952.
60. Bélisle P, **Joseph L**, MacGibbon B, Wolfson D, and du Berger R. Change-point analysis of neuron spike train data. *Biometrics* 1998;54:113-123.
61. Dobkin P, Fortin P, **Joseph L**, Esdaile J, Danoff D, Clarke A. Psychosocial contributors to mental and physical health in patients with systemic lupus erythematosus. *Arthritis Care and Research* 1998;11(1):23-31.
62. \*Rahme E, **Joseph L**. Estimating the prevalence of a rare disease: adjusted maximum likelihood. *The Statistician* 1998;47(1):149-158.

63. \*Rahme E, **Joseph L**. Exact sample size determination for binomial experiments. *Journal of Statistical Planning and Inference* 1998;66:83-93.
64. \*Schull M, Battista R, Brophy J, **Joseph L**, Cass D. Determining appropriateness of coronary thrombolysis in the emergency department. *Annals of Emergency Medicine* 1998;31(1):12-18.
65. Fallone C, Loo V, **Joseph L**, Barkun J, Kostyk R, Barkun A. Predictors of failure of Helicobacter Pylori eradication and predictors of ulcer recurrence. *Clinical and Investigative Medicine* 1999;22(5):185-194.
66. Moore A, **Joseph L**. Sample size considerations for superiority trials in systemic lupus erythematosus (SLE). *Lupus* 1999;8:612-619.
67. \*Brophy J, **Joseph L**, Theroux P, on behalf of the Quebec Acute Coronary Care Working Group. Medical decision making about the choice of thrombolytic agent for Acute Myocardial Infarction. *Medical Decision Making* 1999;19(4):411-418.
68. Kreiger N, Tenenhouse A, **Joseph L**, Mackenzie T, Poliquin S, Brown J, Prior J, Rittmaster R. The Canadian Multicentred Osteoporosis Study (CaMos): Background, rationale, methods. *The Canadian Journal on Aging* 1999;18(3):376-387.
69. \*Lalonde L, Clarke A, **Joseph L**, Mackenzie T, Grover S, and the Canadian Collaborative Cardiac Assessment Group. Comparing the psychometric properties of preference-based and nonpreference-based health related quality of life in coronary heart disease. *Quality of Life Research. Quality of Life Research* 1999;8(5):399-409.
70. Fortin P, Clarke A, **Joseph L**, Liang M, Tanzer M, Ferland D, Phillips C, Partridge A, Bélisle P, Fossel H, Mohamed N, Sledge C, Katz J. Outcomes of total hip and knee replacement: preoperative functional status predicts outcomes at six months after surgery. *Arthritis and Rheumatism* 1999;42(8):1722-1728.
71. Clarke A, Petri M, Manzi S, Isenberg D, Gordon C, Senecal J, St-Pierre Y, **Joseph L**, Penrod J, Fortin P, Sutcliffe N, Goulet J, Choquette D, Grodzicky T, Danoff D, Hamilton V, Esdaile J, and the Trination Study Group. An international perspective on the well-being and health care costs for patients with systemic lupus erythematosus. *Journal of Rheumatology* 1999;26:1500-1511.
72. \*Carabin H, Gyorkos T, Soto J, **Joseph L**, Paiement P, Collet J. Effectiveness of a training programme in reducing infections in toddlers attending daycare centres. *Epidemiology* 1999;10(3):219-227.
73. Moore A, Clarke A, Danoff D, **Joseph L**, Bélisle P, Neville C, Fortin P. Can health utility measures be used in lupus research? A comparative validation and reliability study of 4 utility indices. *Journal of Rheumatology* 1999;26(6):1285-1290.
74. **Joseph L**, Wolfson D, Bélisle P, Brooks JO, Mortimer JA, Tinklenberg JR, Yesavage JA. Taking account of between-patient variability when modeling decline in Alzheimer's Disease. *American Journal of Epidemiology* 1999;149(10):963-973.
75. Clarke A, Levinton C, **Joseph L**, Penrod J, Zowall H, Sibley J, Grover S, Esdaile J. Predicting the short term direct medical costs incurred by Canadian patients with rheumatoid arthritis. *Journal of Rheumatology* 1999;26(5):1068-1075.
76. \*Demissie K, Breckenridge M, **Joseph L**, Rhoads G. Placenta previa: preponderance of male sex at birth. *American Journal of Epidemiology* 1999;149(9):824-830.
77. \*Kahn S, **Joseph L**, Abenhaim L, Leclerc J. Clinical prediction of deep vein thrombosis in patients with leg symptoms. *Thrombosis and Haemostasis* 1999;81:353-357.

78. \*Carabin H, Gyorkos T, Soto J, Penrod J, **Joseph L**, Collet JP. Estimation of direct and indirect costs because of common infections in toddlers attending daycare centres. *Pediatrics* 1999;103(3):556-564.
79. \*Lalonde L, Clarke A, **Joseph L**, Grover S, and the Canadian Collaborative Cardiac Assessment Group. Conventional and chained standard gambles in the assessment of coronary heart disease prevention and treatment. *Medical Decision Making* 1999;19:149-156.
80. \*Carabin H, Gyorkos T, Soto J, **Joseph L**, Collet J. Agreement between parents and educators in reporting cold and diarrhea symptoms in toddlers attending daycare centres. *Child Care, Health and Development* 2000;26:471-477.
81. Tenenhouse A, **Joseph L**, Kreiger N, Poliquin S, Murray T, Prior J, L Blondeau, C Berger, and the CaMos Research Group. Estimation of prevalence of low bone density in Canadian women and men using a population-specific DEXA reference standard: The Canadian Multicentre Osteoporosis Study (CaMos). *Osteoporosis International* 2000;11(10):897-904.
82. Dobkin P, Poirier R, Robaey P, Bonny Y, Chanpaigne M, **Joseph L**. Predictors of physical outcomes in pediatric bone marrow transplantation. *Bone Marrow Transplantation* 2000;26(5):553-558.
83. Pilote L, **Joseph L**, Bélisle P, Robinson K, Van Lente F, Tager I. Iron stores and coronary artery disease: A clinical application of a method to incorporate measurement error of the exposure in a logistic regression model. *Journal of Clinical Epidemiology* 2000;53(8):809-816.
84. \*Demissie K, Hanley JA, Menzies D, **Joseph L**, Ernst P. Agreement in measuring socio-economic status: area-based versus individual measures. *Chronic Diseases in Canada. Chronic Diseases in Canada* 2000;21(1):1-7.
85. Primeau M, Kagan R, **Joseph L**, Lim H, Dufresne C, Duffy C, Prhcal D, Clarke A. The psychological burden of peanut allergy as perceived by adults with peanut allergy and the parents of peanut-allergic children. *Clinical and Experimental Allergy* 2000;30(8):1135-1143.
86. Hopman W, Towheed T, Anastassiades T, Tenenhouse A, Poliquin S, Berger C, **Joseph L**, Brown J, Murray T, Adachi R, Hanley D, Papadimitropoulos M. Canadian normative data for the SF-36 Health Survey. *Canadian Medical Association Journal* 2000;163(3):265-271.
87. Moore A, Petri M, Manzi S, Isenberg D, Gordon C, Senecal J, St-Pierre Y, **Joseph L**, Penrod J, Fortin P, Sutcliff N, Goulet J, Choquette D, Grodzicky T, Esdaile J, Clarke A for the Tri-Nation study Group. The use of alternative medical therapies in patients with systemic lupus erythematosus (SLE). *Arthritis and Rheumatism* 2000;43(6):1410-1418.
88. \*Rahme E, **Joseph L**, Kong S, Watson D, LeLorier J. Gastrointestinal healthcare resource use and costs associated with nonsteroidal antiinflammatory drugs versus acetaminophen: Retrospective cohort study of an elderly population. *Arthritis and Rheumatism* 2000;43(4):917-924.
89. Fallone C, Barkun A, Friedman G, Mayrand S, Loo V, Beech R, Best L, **Joseph L**. Is *Helicobacter Pylori* eradication associated with Gastroesophagal reflux disease? *The American Journal of Gastroenterology. The American Journal of Gastroenterology* 2000;95(4):914-920.
90. \*Tsakonas E, Fitzgerald A, Fitzcharles M, Cividino A, Carter Thorne J, M'Seffar A, **Joseph L**, Bombardier C, Esdaile J, and the HERA study Group. The consequences of delayed therapy with second line agents in rheumatoid arthritis: A three year follow-up on the Hydroxychloroquine in early rheumatoid arthritis (HERA) study. *Journal of Rheumatology* 2000;27(3):623-629.

91. Neville C, Clarke A, **Joseph L**, Bélisle P, Ferland D, Fortin P. Learning from discordance in patient and physician global assessments of systemic lupus erythematosus disease activity. *Journal of Rheumatology* 2000;27:675-679.
92. \*Rahme E, **Joseph L**, and Gyorkos T. Bayesian sample size determination for estimating binomial parameters from data subject to misclassification. *Applied Statistics* 2000;49(1):119-228.
93. Grant J, Mahanty S, Khadir A, MacLean J, Kokoskin E, Yeager B, **Joseph L**, Diaz J, Gottuzo E, Mainville N, Ward B. Wheat germ supplement reduces cysts and trophozoite passage in subjects with giardiasis. *American Journal of Tropical Medicine and Hygiene* 2001;65(6):705-710.
94. \*Nishioka S, Gyorkos T, **Joseph L**, Collet J. Selection of subjects for hospital-based epidemiologic studies based on outward manifestations of disease. *Clinical and Investigative Medicine* 2001;24(6):299-303.
95. Adachi J, Ioannidis G, Berger C, **Joseph L**, Papaioannou A, Pickard L, Papadimitropoulos M, Hopman W, Poliquin S, Prior J, Hanley D, Olszynski W, Anastassiades T, Brown J, Murray T, Tenenhouse A, and the CaMos Research Group. The influence of osteoporotic fractures on health related quality of life in community dwelling men and women across Canada. *Osteoporosis International* 2001;12(11):903-908.
96. Clarke A, St-Pierre Y, **Joseph L**, Penrod J, Sibley J, Haga M, Genant H. Radiographic damage in rheumatoid arthritis correlates with functional disability but not direct medical costs. *Journal of Rheumatology* 2001;28(11):2416-24.
97. Prior J, Kirkland S, **Joseph L**, Kreiger N, Jackson S, Adachi J, Anastassiades T, Brown J, Hanley D, Joyce C, Olszynski W, Murray T, Vigna Y, Blondeau L, Berger C, Poliquin S, Tenenhouse A. Bone mineral density and oral contraceptive agent use: population based cross-sectional data in women ages 25-45 in the Canadian Multicentre Osteoporosis Study. *Canadian Medical Association Journal* 2001;165(8):1023-1029.
98. \*Lalonde L, Clarke A, **Joseph L**, Mackenzie T, Grover S. Health related quality of life with coronary heart disease prevention and treatment. *Journal of Clinical Epidemiology* 2001;54(10):1011-8.
99. \*Rahme E, **Joseph L**, Kong S, Watson D, LeLorier J. Costs of NSAIDS related gastrointestinal adverse events in elderly patients. *British Journal of Clinical Pharmacology* 2001;52(2):185-192.
100. Beck C, **Joseph L**, Bélisle P, Pilote L. Predictors of quality of life 6 months and 1 year after acute myocardial infarction. *American Heart Journal* 2001;142(2):271-279.
101. Cadarette S, Jaglal S, Murray T, McIsaac W, **Joseph L**, Brown J. Beyond practice guidelines: Evaluation of decision rules to refer women for bone densitometry. *Journal of the American Medical Association* 2001;286(1):57-63.
102. \*Rahme E, **Joseph L**, Kong S, Watson D, Pellissier J, LeLorier J. Gastrointestinal-related healthcare resource usage associated with a fixed combination of Diclofenac and Misoprostol versus other NSAIDS. *Pharmacoeconomics* 2001;19(5):577-588.
103. \*Carabin H, Gyorkos T, **Joseph L**, Payment P, Soto J. Comparison of methods to analyse imprecise faecal coliform count data from environmental samples. *Epidemiology and Infection* 2001;126(2):181-190.
104. Hanley J, **Joseph L**, Platt R, Chung M, Bélisle P. Visualizing the median as the minimum-deviation location. *American Statistician* 2001;55(2):150-152.

105. \*Kahn S, **Joseph L**, Grover S, Leclerc J. A randomized management study of impedance plethysmography vs contrast venography in patients with a first episode of clinically suspected deep vein thrombosis. *Thrombosis Research* 2001;102(1):15-24.
106. \*Brophy J, **Joseph L**, Rouleau J. Beta blockers in congestive heart failure - a Bayesian meta-analysis. *Annals of Internal Medicine*. *Annals of Internal Medicine* 2001;134(7):550-560.
107. \*Dendukuri N, **Joseph L**. Bayesian approaches to modeling the conditional dependence between multiple diagnostic tests. *Biometrics* 2001;57(1):158-167.
108. Dobkin P, Dacosta D, **Joseph L**, Fortin P, Edworthy S, Beaulieu A, Smith D, Zummer M, Senecal J, Goulet J, Choquette D, Rich E, Ensworth S, Esdaile J, Cividino A, Gladman D, Barr S, St-Pierre Y, Clarke A. Counterbalancing patient demands with evidence: Results from a pan-Canadian randomized clinical trial of brief supportive-expressive group psychotherapy for women with systemic lupus erythematosus. *Annals of Behavioral Medicine* 2002;24(2):88-99.
109. Fortin P, Penrod J, Clarke A, St-Pierre Y, **Joseph L**, Bélisle P, Liang M, Ferland D, Phillips C, Mahomed N, Tanzer M, Sledge C, Fossel A, Katz J. Timing for total joint replacement affects patient outcomes. *Arthritis and Rheumatism* 2002;46(12):3327-3330.
110. \*Bernatsky S, Boivin J, **Joseph L**, St-Pierre Y, Moore A, Rajan R, Clarke A. The prevalence of factors influencing cancer risk in women with lupus: social habits, reproductive issues, and obesity. *Journal of Rheumatology* 2002;29(12):2551-2554.
111. Fautrel B, Adam V, St-Pierre Y, **Joseph L**, Clarke A, Penrod J. Use of complementary and alternative therapies by patients self-reporting arthritis or rheumatism: Results from a nationwide Canadian survey. *Journal of Rheumatology* 2002;29(11):2435-2441.
112. \*Kulaga S, Behr M, Musana K, Brinkman J, Menzies R, Brassard P, Kunimoto D, Tannenbaum T, Thibert L, **Joseph L**, Boivin J, Schwartzman K. Molecular epidemiology of tuberculosis in Montreal. *Canadian Medical Association Journal* 2002;167(4):353-354.
113. \*Abraham N, Barkun A, LaRocque M, Fallone C, Mayrand S, Baffis V, Cohen A, Daly DS, Daoud H, **Joseph L**. Predicting which patients can undergo upper endoscopy comfortably without conscious sedation. *Gastrointestinal Endoscopy* 2002;56(2):180-189.
114. Doucet M, Eisenberg M, **Joseph L**, Pilote L. Effects of hospital volume on long term outcome after percutaneous transluminal coronary angioplasty after myocardial infarction. *American Heart Journal* 2002;144(1):144-150.
115. \*Kmetz A, **Joseph L**, Berger C, Tenenhouse A. Multiple imputation to account for missing data in a survey: Estimating the prevalence of osteoporosis. *Epidemiology* 2002;13(4):437-444.
116. Hopman W, Berger C, **Joseph L**, Towheed T, Anastassiades T, Tenenhouse A, Poliquin S, Brown J, Murray T, Adachi R, Hanley D, Papadimitropoulos M. Is there regional variation in the SF-36 scores of Canadian adults? *Canadian Journal of Public Health* 2002;93(3):233-237.
117. Bélisle P, **Joseph L**, Wolfson D, and Zhou, X. Estimating decline in Alzheimer's disease. *Canadian Journal of Statistics* 2002;30(1):37-54.
118. \*Tamim H, **Joseph L**, Mulder D, Battista R, Lavoie A, Sampalis J. Field triage of trauma patients: improving on the Pre-Hospital Index. *American Journal of Emergency Medicine* 2002;20(3):170-176.
119. \*Nishioka S, Gyorkos T, **Joseph L**, Collet J, MacLean J. Tattooing and risk for transfusion-transmitted diseases: The role of type, number and design of the tattoos, and the conditions in which they were performed. *Epidemiology and Infection* 2002;128(1):63-71.

120. Chikhaoui, Gélinas H, **Joseph L**, Lance J. Cost-minimization analysis of genetic testing versus clinical screening of at-risk relatives for Familial Adenomatous Polyposis. *International Journal of Technology Assessment in Health Care* 2002;18(1):67-80.
121. Pilote L, Lauzon C, Huynh T, Dion D, Roux R, Racine N, Carignan S, Diodati JG, Levesque C, Charbonneau F, Pouliot J, **Joseph L**, Eisenberg MJ. Quality of life after acute myocardial infarction among patients treated at sites with and without on-site availability of angiography. *Archives of Internal Medicine* 2002;162(5):553-559.
122. Pilote L, Green L, **Joseph L**, Richard H, Eisenberg M. Antibiotics against chlamydia pneumoniae and prognosis after acute myocardial infarction. *American Heart Journal* 2002;143(2):294-300.
123. Adachi J, Ioannidis G, Pickard L, Berger C, Prior J, **Joseph L**, Hanley D, Olszynski W, Murray T, Anastassiades T, Hopman W, Brown J, Kirkland S, Joyce C, Papaioannou A, Poliquin S, Tenenhouse A, Papadimitropoulos E. The association between osteoporotic fractures and health related quality of life as measured by the health utilities index in the Canadian Multicentre Osteoporosis Study (CaMos). *Osteoporosis International* 2003;14:895-904.
124. Kagan R, **Joseph L**, Dufresne C, Gray-Donald K, Turnbull E, St-Pierre Y, Clarke A. Prevalence of peanut allergy in primary school children. *Journal of Allergy and Clinical Immunology* 2003;112(6):1223-1228.
125. Pilote L, **Joseph L**, Bélisle P, Penrod J. Universal health insurance coverage does not eliminate inequities in access to cardiac procedures after acute myocardial infarction. *American Heart Journal* 2003;146(6):1030-1037.
126. \*Zhou X, **Joseph L**, Wolfson D, Bélisle P. A Bayesian A-optimal and model robust design criterion. *Biometrics* 2003;59(4):1082-1088.
127. \*Romagnuolo J, Bardou M, Rahme E, **Joseph L**, Reinhold C, Barkun A. Magnetic resonance cholangio-pancreatography: A meta-analysis of test performance in suspected biliary disease. *Annals of Internal Medicine* 2003;139(7):547-557.
128. \*Bernatsky S, Pineau C, **Joseph L**, Clarke A. Adherence to ophthalmologic monitoring for antimalarial toxicity in a lupus cohort. *Journal of Rheumatology* 2003;30(8):1756-1760.
129. Neville C, Rauch J, Kassis J, Chang E, **Joseph L**, Le Compte M, Fortin P. Thromboembolic risk in patients with high titre anticardiolipin and multiple antiphospholipid antibodies. *Thrombosis and Haemostasis* 2003;90(1):108-115.
130. \*Carabin H, Escalona M, Marshall C, Vivas-Martinez S, Botto C, **Joseph L**, Basanez M. Prediction of community prevalence of human onchocerciasis in the Amazonian onchocerciasis focus: Bayesian approach. *Bulletin of the World Health Organization* 2003;81(7):482-490.
131. \*Bernatsky S, Ramsey-Goldman R, Boivin J, **Joseph L**, Moore A, Rajan R, Clarke A. Do traditional Gail model risk factors account for increased breast cancer in women with lupus? *Journal of Rheumatology* 2003;30(7):1505-1507.
132. \*Nishioka S, Gyorkos T, Collet J, **Joseph L** MacLean J. Tattooing and risk transfusion-transmitted diseases in Brazil: A hospital based cross-sectional matched study. *European Journal of Epidemiology* 2003;18(5):441-449.
133. Kagan R, Hayami D, **Joseph L**, St-Pierre Y, Clarke A. The predictive value of the prick skin test to peanut in atopic, peanut-naïve children. *Annals of Allergy, Asthma and Immunology* 2003;90(6):640-645.

134. \*Brophy J, Bélisle P, **Joseph L**. Evidence for use of coronary stents: A hierarchical Bayesian meta-analysis. *Annals of Internal Medicine* 2003;138(10):777-786.
135. \*Fergusson D, Hebert P, Lee S, Walker R, Barrington K, **Joseph L**, Blajchman M, Shapiro S. Effectiveness of universal leukoreduction of blood transfusions in premature infants. *Journal of the American Medical Association* 2003;289(15):1950-1956.
136. Hanley D, Brown J, Tenenhouse A, Olszynski W, Ioannidis G, Berger C, Prior J, Pickard L, Murray T, Anastassiades T, Kirkland S, Joyce C, **Joseph L**, Papaioannou A, Jackson S, Poliquin S, Adachi J. Associations among disease conditions, bone mineral density and prevalent vertebral deformities in men and women 50 years of age and older: Cross-sectional results from the Canadian Multicentre Osteoporosis Study. *Journal of Bone and Mineral Research* 2003;18(4):784-790.
137. **Joseph L**, Reinhold C. An introduction to probability theory and sampling distributions. *American Journal of Roentgenology* 2003;180(4):917-923.
138. \*Bernatsky S, Ramsey-Goldman R, Gordon C, **Joseph L**, Boivin J-F, Rajan R, Allen A, Moore AD, Leung M-H, Clarke A. Factors associated with abnormal pap results in systemic lupus erythematosus (SLE). *Rheumatology* 2004;43(11):1386-1389.
139. Clarke A, Petri M, Manzi S, Isenberg D, Gordon C, Senecal J, Penrod J, **Joseph L**, St-Pierre Y, Fortin P, Sutcliffe N, Goulet J, Choquette D, Grodzicky T, Esdaile J. The systemic lupus erythematosus tri-nation study: absence of a link between health resource use and health outcome. *Rheumatology* 2004;43(8):1016-1024.
140. Kassis J, Neville C, Rauch J, Busque L, Chang E, **Joseph L**, Le Compte M, Subang R, Fortin P. Antiphospholipid antibodies and thrombosis: Association with acquired activated protein C resistance in venous thrombosis and with hyperhomocysteinemia in arterial thrombosis. *Thrombosis and Haemostasis* 2004;92(6):1312-1319.
141. Hopman W, Berger C, **Joseph L**, Towheed T, vandenKerkhof E, Anastassiades T, Cranney A, Adachi J, Ioannidis G, Poliquin S, Brown J, Murray T, Hanley D, Papadimitropoulos E, Tenenhouse A. Stability of normative data for the SF-36: Results of a three-year follow-up study. *Canadian Journal of Public Health* 2004;95(5):387-391.
142. \*Bernatsky S, Clarke A, Ramsey-Goldman R, Boivin J, **Joseph L**, Rajan R, Manzi S. Breast cancer stage at time of detection in systemic lupus erythematosus. *Lupus* 2004;13(6):469-472.
143. \*Babapulle M, **Joseph L**, Bélisle P, Brophy J, Eisenberg M. A hierarchical Bayesian meta-analysis of randomized clinical trials of drug-eluting stents. *The Lancet* 2004;364:583-591.
144. \*Bernatsky S, Clarke A, Ramsey-Goldman R, **Joseph L**, Boivin J, Rajan R, Moore A, Leung M, Allen A, Gordon C. The effect of hormonal exposures on breast cancer in systemic lupus erythematosus. *Rheumatology* 2004;43(8):1016-1024.
145. **Joseph L**, Bélisle P, Tamim H, Sampalis J. Selection bias found in interpreting analyses with missing data for the pre-hospital index for trauma. *Journal of Clinical Epidemiology* 2004;57(2):147-153.
146. \*Dendukuri N, Rahme E, Bélisle P, **Joseph L**. Bayesian sample size determination for prevalence and diagnostic studies in the absence of a gold standard test. *Biometrics* 2004;60:388-397.
147. \*Jenkins A, Gyorkos T, **Joseph L**, Culman K, Ward B, Pekes G, Mills E. Risk factors for hospitalization and infection in Canadian Inuit infants over the first year of life - A pilot study. *International Journal of Circumpolar Health* 2004;63(1):61-70.

148. \*Lalonde L, O'Connor A, **Joseph L**, Grover S. Health related quality of life in cardiac patients with hypertension and dyslipidemia. *Quality of Life Research* 2004;13(4):793-804.
149. \*Kulaga S, Behr M, Nguyen D, Brinkman J, Westley J, Menzies D, Brassard P, Tannenbaum T, Thibert L, Boivin J, **Joseph L**, Schwartzman K. Diversity of mycobacterium tuberculosis isolates in an immigrant population: evidence against a founder effect. *American Journal of Epidemiology* 2004;159(5):507-513.
150. \*Benk V, **Joseph L**, Fortin P, Zhang G, Bélisle P, Levinton C, Ho V, Freeman C. Effect of delay in initiating radiotherapy for patients with early-stage breast cancer. *Journal of Clinical Oncology* 2004;16(1):6-11.
151. Basanez M, Marshall C, Carabin H, Gyorkos T, **Joseph L**. Bayesian statistics for parasitologists. *Trends in Parasitology* 2004;20(2):85-91.
152. Foltz V, St-Pierre Y, Rozenberg S, Rossignol M, Bourgeois P, **Joseph L**, Adam V, Penrod J, Clarke A, Fautrel B. Use of complementary and alternative therapies by patients with self-reported chronic back pain: a nationwide survey in Canada. *Joint Bone Spine* 2005;72(6):571-577.
153. \*Carabin H, Balolong E, **Joseph L**, McGarvey S, Johansen M, Fernandez T, Willingham A, Olveda R. Estimating sensitivity and specificity of a faecal examination method for *Schistosoma japonicum* infection in cats, dogs, water buffaloes, pigs and rats in Western Samar and Sorsogon Provinces, The Philippines. *International Journal of Parasitology* 2005;35:1517-1524.
154. \*Rahme R, Choquette D, Beaulieu M, Bessette L, **Joseph L**, Toubouti Y, LeLorier J. Positive impact of a general practitioner educational intervention on osteoarthritis treatment in an elderly population. *American Journal of Medicine* 2005;118(11):1262-1270.
155. \*Bernatsky S, Boivin J, **Joseph L**, Manzi S, Ginzler E, Urowitz M, Gladman D, Fortin P, Gordon C, Barr S, Edworthy S, Bae SC, Petri M, Sibley J, Isenberg D, Rahman A, Steinsson K, Aranow C, Dooley M, Alarcon G, Hanly J, Sturfelt G, Nived O, Pope J, Ensworth S, Rajan R, El-Gabalawy H, McCarthy T, St-Pierre Y, Clarke A, Ramsey-Goldman R. Race/ethnicity and cancer occurrence in systemic lupus erythematosus. *Arthritis Care and Research* 2005;53(5):781-784.
156. Clarke A, **Joseph L**. Does affluence affect allergy preparedness? *Canadian Journal of Public Health* 2005;96(4):245-247.
157. \*Bernatsky S, Ramsey-Goldman R, Rajan R, Boivin J, **Joseph L**, Lachance S, Cournoyer D, Zoma A, Manzi S, Ginzler E, Urowitz M, Gladman D, Fortin P, Edworthy S, Barr S, Gordon C, Bae S, Sibley J, Steinsson K, Nived O, Sturfelt G, St-Pierre Y, Clarke A. Non-Hodgkin's lymphoma in systemic lupus erythematosus. *Annals of Rheumatic Diseases* 2005;64(10):1507-1509.
158. Panopalis P, Petri M, Manzi S, Isenberg D, Gordon C, Senecal J, Penrod J, **Joseph L**, St-Pierre Y, Pineau C, Fortin P, Sutcliff N, Goulet J, Choquette D, Grodzicky T, Esdaile J, Clarke A. The systemic lupus erythematosus tri-nation study: longitudinal changes in physical and mental well-being. *Rheumatology* 2005;44(6):751-755.
159. Papaioannou A, **Joseph L**, Kreiger N, Ioannidis G, Berger C, Anastassiades T, Brown J, Cranney A, Hanley D, Hopman W, Josse R, Joyce C, Kirkland S, Murray T, Olszynski W, Pickard L, Prior J, Siminoski K, Tenenhouse A, Adachi J. Risk factors associated with incident vertebral and non-vertebral fractures in postmenopausal women: The Canadian Multicentre Osteoporosis Study (CaMos). *Osteoporosis International* 2005;16(5):568-578.

160. \*Carabin H, Marshall C, **Joseph L**, Riley S, Olveda R, McGarvey S. Estimating and modelling the dynamics of the intensity of infection with *Schistosoma japonicum* in villagers of Leyte, Philippines. Part I: A Bayesian cumulative logit model. *American Journal of Tropical Medicine and Hygiene* 2005;72(6):745-753.
161. \*Bernatsky S, **Joseph L**, Bélisle P, Boivin J, Rajan R, Moore A, Clarke A. A Bayesian hierarchical model for estimating the properties of cancer ascertainment methods in cohort studies. *Statistics in Medicine* 2005;24:2365-2379.
162. \*Bernatsky S, Boivin J, **Joseph L**, Rajan R, Zoma A, Manzi S, Ginzler E, Urowitz M, Gladman D, Fortin P, Edworthy S, Barr S, Petri M, Gordon C, Bae S, Sibley J, Isenberg D, Rahman A, Aranow C, Dooley M, Steinsson K, Alarcon G, Senecal J, Zummer M, Nived O, Sturfeldt G, Hanly J, Pope J, Ensworth S, El-Gabalawy H, McCarthy T, St-Pierre Y, Ramsey-Goldman R, Clarke A. An international cohort study of cancer in systemic lupus erythematosus (SLE). *Arthritis and Rheumatism* 2005;52(5):1481-1490.
163. \*Brophy J, **Joseph L**. Medical decision making with incomplete evidence - choosing a platelet glycoprotein IIb/IIIa receptor inhibitor for percutaneous coronary interventions. *Medical Decision Making* 2005;25:222-228.
164. **Joseph L**, Reinhold C. Statistical inference for proportions. *American Journal of Roentgenology* 2005;184(4):1057-1064.
165. **Joseph L**, Reinhold C. Statistical inference for continuous variables. *American Journal of Roentgenology* 2005;184(4):1047-1056.
166. Bogaty P, Brophy J, Boyer L, Simard S, Bertrand F, **Joseph L**, Dagenais G. Fluctuating inflammatory markers in patients with stable ischemic heart disease. *Archives of Internal Medicine* 2005;165:221-226.
167. \*Scott A, Menzies D, Tannenbaum T, Thibert L, Kozak R, **Joseph L**, Schwartzman K, Behr M. Sensitivities and specificities of spoligotyping and mycobacterial interspersed repetitive unit-variable-number tandem repeat typing methods for studying molecular epidemiology of tuberculosis. *Journal of Clinical Microbiology* 2005;43(1):89-94.
168. Grover S, Hemmelgarn B, **Joseph L**, Milot A, Tremblay G. The role of global risk assessment in hypertension therapy. *Canadian Journal of Cardiology* 2006;22(7):606-613.
169. \*Huynh T, O'Loughlin J, **Joseph L**, Schampaert E, Rinfret S, Afilalo M, Kouz M, Nguyen M, Harvey R, Cantin B, Paradis G, Pilote L, Eisenberg M. Time delay to reperfusion therapy in acute ST-Elevation myocardial infarction: Results from the AMI-QUEBEC Study. *Canadian Medical Association Journal* 2006;175(12):1527-1532.
170. Neville C, Rauch J, Kassis J, Solymoss S, **Joseph L**, Bélisle P, Chang R, Fortin P. The persistence of anticardiolipin antibodies is associated with the presence of lupus anticoagulant and anti- $\beta$ 2-glycoprotein I antibodies. *Rheumatology* 2006;45:1116-1120.
171. Yu J, Kagan R, Verreault N, Nicolas N, **Joseph L**, St-Pierre Y, Clarke A. Accidental ingestions in peanut allergic children. *Journal of Allergy and Clinical Immunology* 2006;118(2):466-472.
172. Benitoa A, Carmena D, **Joseph L**, Martinez J, Guisantes J. Dog echinococcosis in northern Spain: comparison of coproantigen and serum antibody assays with coprological exam. *Veterinary Parasitology* 2006;142:102-111.

173. \*Bernatsky S, Boivin J, **Joseph L**, Manzi S, Ginzler E, Gladman A, Urowitz M, Fortin P, Petri M, Barr S, Gordon C, Bae S, Isenberg D, Zoma A, Aranow C, Dooley M, Nived O, Sturfelt G, Steinsson K, Alarcon G, Senécal J, Zummer M, Hanly J, Ensworth S, Pope J, Edworthy S, Rahman A, Sibley J, El-Gabalawy H, McCarthy T, St-Pierre Y, Ramsey-Goldman R, Clarke A. Mortality in systemic lupus erythematosus. *Arthritis and Rheumatism* 2006;54(8):2550-2557.
174. \*Zappitelli M, Parvex P, **Joseph L**, Boivin J, Paradis G, Bell L. Derivation and validation of Cystatin C based prediction equations for glomerular filtration rate in children. *American Journal of Kidney Diseases* 2006;48(2):221-230.
175. \*Bellera C, Hanley J, **Joseph L**, Albertsen P. A tool for monitoring PSA patterns after treatment for prostate cancer. *International Journal of Radiation Oncology, Biology, Physics* 2006;66(1):315-316.
176. Hopman W, Tanveer T, Gao Y, Berger C, **Joseph L**, Vik S, Hanley D, Carran J, Anastassiades T. Prevalence of and factors associated with glucosamine use in Canada. *Osteoarthritis and Cartilage* 2006;14(12):1288-1293.
177. \*Richards B, **Joseph L**, Schwartzman K, Kreiger N, Tenenhouse A, Goltzman D. The effect of Cyclo-oxygenase-2 inhibitors on bone mineral density: results from the Canadian Multicentre Osteoporosis Study. *Osteoporosis International* 2006;17(9):1410-1419.
178. McGarvey S, Carabin H, Balolong H, Bélisle P, Fernandez T, **Joseph L**, Tallo V, Gonzales R, Tarafder M, Alday P, Olveda R. Cross-sectional associations between animal and human intensity of infection with *Schistosoma japonicum* in Samar Province, the Philippines. *Bulletin of the World Health Organization* 2006;84(6):446-452.
179. \*MLan E, **Joseph L**, Wolfson D. Bayesian sample size determination for case-control studies. *Journal of the American Statistical Association* 2006;101(474):760-772.
180. Payne G, Carabin H, Tallo V, Alday P, Gonzalez R, **Joseph L**, Olveda R, McGarvey S. Concurrent comparison of three water contact measurement tools in four endemic villages of the Philippines. The Schistosomiasis Transmission Ecology in the Philippines Project (STEP). *Tropical Medicine and International Health* 2006;11(6):834-842.
181. \*Tarafder M, Balolong H, Carabin H, Bélisle P, Tallo V, **Joseph L**, Alday P, Riley S, Gonzales R, Olveda R, McGarvey S. A cross sectional study of *Schistosoma japonicum* prevalence in 50 villages of Samar Province, the Philippines. *BMC Public Health* 2006;6:61.
182. Hopman W, Berger C, **Joseph L**, Towheed T, vanderKerkhof E, Anastassiades T, Adachi J, Ionnidis G, Poliquin S, Brown J, Hanley D, Papadimitropoulos E. The natural progression of health-related quality of life: results of a five-year prospective study of SF-36 scores in a normative population from the Canadian Multicentre Osteoporosis Study (CaMos). *Quality of Life Research* 2006;15:527-536.
183. \*Weichenthal S, Dufresne A, Infante-Rivard C, **Joseph L**. Indoor ultrafine particle exposures and home heating systems: A cross-sectional survey of Canadian homes during the winter months. *Journal of Exposure Science and Environmental Epidemiology* 2007;17(3):288-297.
184. Banerjee D, Kagan R, Turnbull E, **Joseph L**, St-Pierre Y, Dufresne C, Gray-Donald K, Clarke A. Peanut-free guidelines reduce school lunch peanut contents. *Archives of Disease in Childhood* 2007;92(11):980-982.
185. Grover S, Lowensteyn I, **Joseph L**, Kaouache M, Marchand S, Coupal L, Boudreau G, Fazal-Karim K, Pakos T. Can assessing cardiovascular risk increase the effectiveness of dyslipidemia therapy? The CHECK-UP Study: A randomized controlled trial. *Archives of Internal Medicine* 2007;167(21):2296-2303.

186. \*Bernatsky S, **Joseph L**, Pineau C, Tamblyn R, Feldman D, Clarke A. A population-based assessment of systemic lupus erythematosus incidence and prevalence: results and implications of using administrative data for epidemiologic studies. *Rheumatology* 2007;46(12):1814-1818.
187. Hopman W, Berger B, **Joseph L**, Barr S, Gao Y, Prior J, Poliquin S, Towheed T, Anastassiades T. The association between body mass index and health-related quality of life: Data from CaMos, a stratified population study. *Quality of Life Research* 2007;16(10):1595-1603.
188. \*Ishak K, Platt R, **Joseph L**, Hanley J, Caro J. Meta-analysis of longitudinal studies. *Clinical Trials* 2007;4(5):525-539.
189. Hopman W, Leroux C, Berger C, **Joseph L**, Barr S, Prior J, Harrison M, Poliquin S, Towheed T, Anastassiades T, Goltzman D. Changes in body mass index in Canadians over a five-year period: results of a prospective, population-based study. *BMC Public Health*. *BMC Public Health* 2007;7(1):150.
190. Fernandez T, Tarafder M, Balolong E, **Joseph L**, Willingham L, Bélisle P, Webster J, Olveda R, McGarvey S, Carabin H. Prevalence of *Shistosoma Japonicum* infection among animals in 50 villages Of Samar Province, the Philippines. *Zoonoses and Vector Borne Diseases* 2007;7(2):147-155.
191. Pilote L, Tu J, Humphries K, Behouli H, Bélisle P, Austin P, **Joseph L**. Socioeconomic status and access to health care after acute myocardial infarction in Canada. *Medical Care* 2007;45(7):638-646.
192. \*Bernatsky S, Ramsey-Goldman R, Isenberg D, Rahman A, Dooley M, Sibley J, Boivin J, **Joseph L**, Armitage J, Zoma A, Clarke A. Hodgkin's lymphoma in systemic lupus erythematosus. *Rheumatology* 2007;46(5):830-832.
193. Beckage B, **Joseph L**, Bélisle P, Wolfson D, Platt W. Bayesian change-point analyses in ecology. *New Phytologist* 2007;174(2):456-467.
194. \*Zappitelli M, **Joseph L**, Gupta I, Bell L, Paradis G. Validation of prediction equations for glomerular filtration rate in children. *Pediatric Nephrology* 2007;22(2):272-281.
195. \*Ladouceur M, Rahme E, Pineau C, **Joseph L**. Robustness of prevalence estimates derived from misclassified data from administrative databases. *Biometrics* 2007;63:272-279.
196. Panopalis P, Petri M, Manzi S, Isenberg D, Gordon C, Senecal J, Penrod J, **Joseph L**, St-Pierre Y, Pineau C, Fortin P, Sutcliff N, Goulet J, Choquette D, Grodzicky T, Esdaile J, Clarke A. The systemic lupus erythematosus tri-nation study: cumulative indirect costs. *Arthritis Care and Research* 2007;57(1):64-70.
197. \*Richards B, Papaioannou A, Adachi J, **Joseph L**, Whitson H, Prior J, Goltzman D. Effect of selective serotonin reuptake inhibitors on the risk of fracture. *Archives of Internal Medicine* 2007;167(2):188-194.
198. Dasgupta K, Chan C, Da Costa D, Pilote L, De Civita M, Ross N, Strachan I, Sigal R **Joseph L**. Walking behaviour and glycemc control in type 2 diabetes: seasonal and gender differences – Study design and methods. *Cardiovascular Diabetology* 2007;6(1):1-27.
199. \*Richards B, Leslie B, **Joseph L**, Siminoski K, Hanley D, Adachi J, Brown J, Morin S, Papaioannou A, Josse R, Prior J, Davison S, Tenenhouse A, Goltzman D. Changes to osteoporosis prevalence according to method of risk assessment. *Journal of Bone and Mineral Research* 2007;22(2):228-234.
200. \*Weichenthal S, Dufresne A, Infante-Rivard C, **Joseph L**. Characterizing and predicting ultrafine particle counts in Canadian classrooms during the winter months: model development and evaluation. *Environmental Research* 2008;106(3):349-360.

201. \*Demir A, **Joseph L**, Becklake M. Work-related asthma in Montreal, Quebec: Population attributable risk in a community-based study. *Canadian Respiratory Journal* 2008;15(8):406-412.
202. \*Weichenthal S, Dufresne A, Infante-Rivard C, **Joseph L**. Determinants of ultrafine particle exposures in transportation environments: findings of an 8-month survey conducted in Montreal, Canada. *Journal of Exposure Science and Environmental Epidemiology* 2008;18(6):551-563.
203. Eisenberg M, Filion K, Yavin D, Bélisle P, Mottillo S, **Joseph L**, Gervais A, O'Loughlin J, Paradis G, Rinfret S, Pilote L. Pharmacotherapies for smoking cessation: a meta-analysis of randomized controlled trials. *Canadian Medical Association Journal* 2008;179(2):135-144.
204. Clarke A, Panopolis P, Petri M, Manzi S, Isenberg D, Gordon C, Senecal J, **Joseph L**, St-Pierre Y, Li T. Systemic lupus erythematosus patients with renal damage incur higher health care costs. *Rheumatology* 2008;47(3):329-333.
205. \*Ben-Shoshan M, Kagan R, Primeau M, Alizadehfar R, Verreault N, Yu J, Nicolas N, **Joseph L**, Turnbull E, Dufresne C, St-Pierre Y, Clarke A. Availability of the epinephrine autoinjector at school in children with peanut allergy. *Annals of Allergy, Asthma and Immunology* 2008;100(6):570-575.
206. Berger C, Langsetmo L, **Joseph L**, Hanley D, Davison S, Josse R, Kreiger N, Goltzman D, Tenenhouse A. Change in bone mineral density as a function of age in women and men and association with the use of antiresorptive agents. *Canadian Medical Association Journal* 2008;178(13):1660-1668.
207. \*Bellera C, Hanley J, **Joseph L**, Albertsen P. Detecting trends in noisy data series: Application to biomarker series. *American Journal of Epidemiology* 2008;18(4):270-282.
208. Riley S, Carabin H, Bélisle P, **Joseph L**, Tallo V, Balolong E, Wilingham A, Fernandez T, Gonzalez R, Olveda O, McGarvey S. Multi-host transmission dynamics of schistosomiasis japonicum in Samar Province, the Philippines. *PLoS Medicine* 2008;5(1):e18.
209. \*Bernatsky S, Boivin J, **Joseph L**, Urowitz M, Gladman D, Ginzler E, Gordon C, Fortin P, Bae S, Barr S, Isenberg D, Rahman A, Petri M, Alarcon G, Aranow C, Dooley M, Rajan R, Senecal J, Zummer M, Manzi S, Edworthy S, Ramsey-Goldman R, Clarke A. The relationship between cancer and medication exposures in systemic lupus erythematosus: A case-cohort study. *Annals of Rheumatic Diseases* 2008;67(1):74-79.
210. Zavalkoff S, Kagan R, **Joseph L**, St-Pierre Y, Clarke A. The value of sesame-specific IgE levels in predicting sesame allergy. *Journal of Allergy and Clinical Immunology* 2008;121(6):1508-1510.
211. \*MLan E, **Joseph L**, Wolfson D. Bayesian sample size determination for binomial proportions. *Bayesian Analysis* 2008;3(2):269-296.
212. \*Bellera C, Hanley J, **Joseph L**, Albertsen P. Hierarchical changepoint modeling: Application to post-radiotherapy PSA series in men with prostate cancer. *Annals of Epidemiology* 2008;18(4):270-282.
213. \*Ishak K, Platt R, **Joseph L**, Hanley J. The impact of approximating or ignoring within-study covariances in multivariate meta-analyses. *Statistics in Medicine* 2008;27(5):670-686.
214. \*Scott A, **Joseph L**, Bélisle P, Behr M, Schwartzman K. Bayesian estimation of tuberculosis clustering rates from DNA sequence data. *Statistics in Medicine* 2008;27(1):140-156.
215. Pilote L, Beck C, Eisenberg M, Humphries K, **Joseph L**, Penrod J, Tu J. Comparing invasive and non-invasive management strategies for acute myocardial infarction using administrative databases. *The American Heart Journal* 2008;155(1):42-48.

216. Grover S, Lowenstein I, **Joseph L**, Kaouache M, Marchand S, Coupal L, Boudreau G. Discussing coronary risk with patients to improve blood pressure treatment: secondary results from the CHECK-UP study. *Journal of General Internal Medicine* 2009;24(1):33-39.
217. \*Bernatsky S, **Joseph L**, Pineau C, Bélisle P, Hudson M, Clarke A. Scleroderma prevalence: Demographic variations in a population-based sample. *Annals of the Rheumatic Diseases* 2009;61(3):400-404.
218. \*Poliquin S, **Joseph L**, Gray-Donald K. Calcium and vitamin D intakes in an adult Canadian population. *Canadian Journal of Dietetic Practice & Research* 2009;70(1):21-27.
219. Neville C, Rauch J, Kassis J, Solymoss S, **Joseph L**, Bélisle P, Subang R, Fortin P. Antiphospholipid antibodies predict imminent vascular events independently from other risk factors in a prospective cohort. *Thrombosis and Haemostasis* 2009;101(1):100-107.
220. \*Ben-Shoshan M, Kagan R, Alizadehfar R, **Joseph L**, Turnbull E, St-Pierre Y, Clarke A. Is the prevalence of peanut allergy increasing? A five-year follow-up study on the prevalence of peanut allergy in primary school children in Montreal. *The Journal of Allergy and Clinical Immunology* 2009;123(4):783-788.
221. \*Huynh T, Perron S, O'Loughlin J, **Joseph L**, Labrecque M, Dery V, Tu J, Thérourx P. Comparison of primary percutaneous coronary intervention and fibrinolytic therapy in ST-segment elevation myocardial infarction - Bayesian hierarchical meta-analyses of randomized controlled trials and observational studies. *Circulation* 2009;119(24):3101-3109.
222. \*Bellera C, Hanley J, **Joseph L**, Albertsen P. A statistical evaluation of rules for biochemical failure following radiotherapy in men treated for prostate cancer. *International Journal of Radiation Oncology, Biology, Physics* 2009;75(5):1357-1363.
223. Mesurolle B, El-Khoury M, Khetani K, Abdulah N, **Joseph L**, Kao E. Mammographically non-calcified ductal carcinoma in situ: ultrasonographic features with pathologic correlation in 35 patients. *Clinical Radiology* 2009;64(6):628-636.
224. \*Filion K, **Joseph L**, Boivin J, Suissa S, Brophy J. Trends in the prescription of anti-diabetic medications in the United Kingdom: A population-based analysis. *Pharmacoepidemiology and Drug Safety* 2009;18(10):973-976.
225. \*Bernatsky S, **Joseph L**, Pineau C, Bélisle P, Lix, L, Banerjee D, Clarke A. Polymyalgia rheumatic prevalence in a population-based sample. *Arthritis Care and Research* 2009;61(9):1264-1267.
226. Tarafder M, Carabin H, Gyorkos T, **Joseph L**. Diarrhea and colds in child day care centers: Impact of Various Numerator and Denominator Definitions of Illness Episodes. *Epidemiology* 2009;20(6):796-799.
227. Grover S, Kaouache M, **Joseph L**, Barter P, Davignon J. Evaluating the incremental benefits of raising high density lipoprotein cholesterol during lipid therapy after adjustment for the reductions in other blood lipid levels. *Archives of Internal Medicine* 2009;169(19):1775-1780.
228. Atherton J, Charbonneau B, Wolfson D, **Joseph L**, Zhou X, Vandal A. Bayesian optimal design for changepoint problems. *Canadian Journal of Statistics* 2009;37(4):495-513.
229. \*Bhatt M, **Joseph L**, Ducharme F, Dougherty G, McGillivray D. Prospective validation of the pediatric appendicitis score in a Canadian pediatric emergency department. *Academic Emergency Medicine* 2009;16(7):591-596.
230. Appenzeller S, Clarke A, Panopalis P, **Joseph L**, St-Pierre Y, Li T. The relationship between renal activity and quality of life in systemic lupus erythematosus. *The Journal of Rheumatology* 2009;36(5):947-952.

231. Hazel E, Bernatsky S, Da Costa D, Dasgupta K, Clarke A, **Joseph L**, St-Pierre Y, Pineau C. Application of a nomogram for exercise capacity in women with systemic lupus erythematosus. *Clinical Rheumatology* 2009;28(6):719-722.
232. Mottillo S, Filion K, Bélisle P, **Joseph L**, Gervais A, O'Loughlin J, Paradis G, Pihl R, Rinfret S, Pilote L, Tremblay M, Eisenberg M. Behavioral interventions for smoking cessation: A meta-analysis of randomized clinical trials. *European Heart Journal* 2009;30(6):718-730.
233. Berger C, Langsetmo L, **Joseph L**, Hanley D, Davison S, Josse R, Kreiger N, Tenenhouse A, Goltzman D. Association between change in BMD and fragility fracture in women and men. *Journal of Bone and Mineral Research* 2009;24(2):361-370.
234. Abourbih S, Filion K, **Joseph L**, Schiffrin E, Rinfret S, Poirier P, Pilote L, Genest J, Eisenberg J. Effect of fibrates on lipid profiles and cardiovascular outcomes: a systematic review. *American Journal of Medicine* 2009;122(10):962-969.
235. \*Bernatsky S, **Joseph L**, Pineau C, Bélisle P, Boivin J, Banerjee D, Clarke A. Estimating the prevalence of polymyositis and dermatomyositis from administrative data: Age, sex and regional differences. *Annals of the Rheumatic Diseases* 2009;68:1192-1196.
236. Hopman W, Berger C, **Joseph L**, Towheed T, Prior J, Anastassiades T, Poliquin S, Zhou W, Adachi J, Hanley D, Papadimitropoulos M, Tenenhouse A. Health-related quality of life in Canadian adolescents and young adults: Normative data using the SF-36. *Canadian Journal of Public Health* 2009;100(6):449-452.
237. \*Weichenthal S, **Joseph L**, Bélisle P, Dufresne A. Bayesian estimation of the probability of asbestos exposure from lung fibre counts. *Biometrics* 2010;66(2):603-612.
238. Ware M, Fitzcharles M, **Joseph L**, Shir Y. The effects of nabilone on sleep in fibromyalgia: a randomized controlled trial. *Anesthesia and Analgesia* 2010;110(2):604-610.
239. Eisenberg M, Blum L, Filion K, Rinfret S, Pilote L, Paradis G, **Joseph L**, Gervais A, O'Loughlin J. The efficacy of smoking cessation therapies in cardiac patients: a meta-analysis of randomized controlled trials. *Canadian Journal of Cardiology* 2010;26(2):73-79.
240. Tarafder M, Carabin H, **Joseph L**, Balolong E, Olveda R, McGarvey S. Estimating the sensitivity and specificity of Kato-Katz stool examination technique for detection of hookworms, *Ascaris lumbricoides*, and *Trichuris trichiura* infections in humans in the absence of a gold standard. *International Journal for Parasitology* 2010;40(4):399-404.
241. Sheth S, Wasserman S, Kagan R, Alizadehfar R, Primeau M, Elliot S, St-Pierre Y, Wickett R, **Joseph L**, Harada L, Dufresne C, Allen M, Allen M, Godefroy S, Clarke A. Role of food labels on accidental exposures in food allergic individuals in Canada. *Annals of Allergy, Asthma & Immunology* 2010;104(1):60-65.
242. \*Cardinal H, Brophy J, Bogaty P, **Joseph L**, Hébert M, Boyer L, Madore F. Usefulness of sFas levels for improving diagnostic accuracy and prognosis for acute coronary syndromes. *American Journal of Cardiology* 2010;105(6):797-803.
243. \*Cardinal H, Bogaty P, Madore F, Boyer L, **Joseph L**, Brophy J. Therapeutic management in patients with renal failure who experience an acute coronary syndrome. *Clinical Journal of American Society of Nephrology* 2010;5(1):87-94.

244. Mongeon F, Bélisle P, **Joseph L**, Ismail S, Eisenberg M, Rinfret S. Adjunctive thrombectomy for acute myocardial infarction: A Bayesian meta-analysis. *Circulation: Cardiovascular Interventions* 2010;3 (1):6-16.
245. \*Li G, Fansi A, Boivin J, **Joseph L**, Harasymowycz P. Screening for glaucoma in high risk populations using optical coherence tomography. *Ophthalmology* 2010;117 (3):453-461.
246. \*Ben-Shoshan M, Harrington D, Sicherer S, Fragapane J, Soller L, **Joseph L**, St. Pierre Y, Cantin I, Elliot S and Clarke A. A population-based study on peanut, tree nut, fish, shellfish, and sesame allergy prevalence in Canada. *Journal of Allergy and Clinical Immunology* 2010;125(6):1327-1335.
247. \*Ben-Shoshan M, Kagan R, Primeau M, Alizadehfar R, Turnbull E, Harada L, Dufresne C, Allen M, **Joseph L**, St-Pierre Y, Clarke A. Establishing the diagnosis of peanut allergy in children never exposed to peanut or with an uncertain history: a cross-Canada study. *Pediatric Allergy and Immunology* 2010;21(6):920-926.
248. Mottillo S, Filion K, Genest J, **Joseph L**, Pilote L, Poirier P, Rinfret S, Schiffrin E, Eisenberg M. The metabolic syndrome and cardiovascular risk: A systematic review and meta-analysis. *Journal of the American College of Cardiology* 2010;56:1113-1132.
249. \*Lu Y, Dendukuri N, Schiller I, **Joseph L**. A Bayesian approach to simultaneously adjusting for verification bias and reference standard bias in diagnostic test studies. *Statistics in Medicine* 2010;29(24):2532-2543.
250. \*Dendukuri N, Bélisle P, **Joseph L**. Bayesian sample size determination for diagnostic test studies in the absence of a gold standard: Comparing identifiable to non-identifiable models. *Statistics in Medicine* 2010;29(26):2688-2697.
251. Pereira S, Chiu W, Turner A, Huang A, Chevalier S, **Joseph L**, Morais J. How can we improve targeting of frail elderly patients to a geriatric day-hospital program? *BMC Geriatrics* 2010;10(82):1-6.
252. \*Manjoo P, **Joseph L**, Pilote L, Dasgupta K. Sex differences in step count-blood pressure association: a preliminary study in type 2 diabetes. *Obesity* 2010;5(11):1-6.
253. Dasgupta K, **Joseph L**, Pilote L, Strachan I, Sigal R, Cathy C. Daily steps are low year-round and dip lower in fall/winter: findings from a longitudinal diabetes cohort. *Cardiovascular Diabetology* 2010;9(81):1-9.
254. Sewitch M, Stein D, **Joseph L**, Bitton A, Hilsden R, Rabeneck L, Paszat L, Timmouth J, Cooper M. Comparing patient and endoscopist perceptions of the colonoscopy indication. *Canadian Journal of Gastroenterology* 2010;24(11):656-660.
255. Paradis J, Bélisle P, **Joseph L**, Bertrand O, DeLarochellière R, Déry J, Larose E, Rodés-Cabau, Rinfret S. Drug-eluting or bare-metal stents for the treatment of saphenous vein graft disease: A Bayesian meta-analysis. *Circulation: Cardiovasc Interventions* 2010;3(6):565-576.
256. Berger C, Goltzman D, Langsetmo L, **Joseph L**, Kreiger N, Tenenhouse A, Davison K, Josse R, Prior J, Hanley D. Peak bone mass from longitudinal data: implications for the prevalence, pathophysiology, and diagnosis of osteoporosis. *Journal of Bone and Mineral Research* 2010;25(9):1948-1957.
257. Tarafder M, Carabin H, McGarvey S, **Joseph L**, Balolong E, Olveda R. Assessing the impact of measurement error on an epidemiological association between two helminthic infections. *PLOS Neglected Tropical Diseases* 2011;5(3):1-7.

258. Bourré-Tessier J, Clarke A, Huynh T, Bernatsky S, **Joseph L**, Bélisle P, Pineau C. Prolonged corrected QT interval in Anti-Ro/SSA positive adults with systemic lupus erythematosus. *Arthritis Care and Research* 2011;63(7):1031-1037.
259. Thorogood A, Mottillo S, Shimony A, Filion K, Genest J, **Joseph L**, Pilote L, Poirier P, Schiffrin E, Eisenberg M. Isolated aerobic exercise and weight loss: A systematic review and meta-analysis of randomized controlled trials. *American Journal of Medicine* 2011;124(8):747-755.
260. \*Filion K, **Joseph L**, Boivin J, Suissa S, Brophy J. Thiazolidinediones and the risk of incident congestive heart failure among patients with type 2 diabetes mellitus. *Pharmacoepidemiology and Drug Safety* 2011;20(8):785-796.
261. \*Bernatsky S, Lix L, Hanly J, Hudson M, Badley E, Peschken C, Pineau C, Clarke A, Fortin P, Smith M, Bélisle P, Lagace C, Bergeron L, **Joseph L**. Surveillance of systemic autoimmune rheumatic diseases using administrative data. *Rheumatology International* 2011;31(4):549-554.
262. \*Ladouceur M, Rahme E, Scott A, Schwartzman K, **Joseph L**. Modeling continuous diagnostic test data using approximate Dirichlet process distributions. *Statistics in Medicine* 2011;30(21):2648-2662.
263. \*Soller L, Fragapane J, Ben-Shoshan M, Harrington D, Alizadehfar R, **Joseph L**, St. Pierre Y, Godefroy S, Elliot S, Clarke A. Possession of epinephrine auto-injectors by Canadians with food allergies. *Journal of Allergy and Clinical Immunology* 2011;128(2):426-428.
264. \*Wyse J, **Joseph L**, Barkun A, Sewitch M. Accuracy of Quebec physician claims data for polypectomy during colonoscopy. *CMAJ* 2011;183(11):E743-E747.
265. Brin Y, Nikolaou V, **Joseph L**, Antoniou J, Zukor D. Imageless computer assisted versus conventional total knee replacement: A Bayesian meta-analysis of twenty-three comparative studies. *International Orthopaedics* 2011;35(3):331-339.
266. \*Ben-Shoshan M, Harrington D, Soller L, Fragapane J, **Joseph L**, St.-Pierre Y, Godefroy S, Elliot S, Clarke A. Demographic predictors of peanut, tree nut, fish, shellfish and sesame allergy in Canada. *Journal of Allergy* 2011;2012:1-6.
267. Reoch J, Mottillo S, Shimony A, Filion K, Christou N, Genest J, **Joseph L**, Pilote L, Poirier P, Schiffrin E, Eisenberg M. Safety of laparoscopic bariatric surgery versus open bariatric surgery: A systematic review and meta-analysis. *Archives of Surgery* 2011;146(11):1314-1322.
268. Bourré-Tessier J, Huynh T, Clarke A, Bernatsky S, **Joseph L**, Bélisle P, Pineau. Features associated with cardiac abnormalities in systemic lupus erythematosus. *Lupus* 2011;20(14):1518-1525.
269. Jönsen A, Clarke A, **Joseph L**, Bélisle P, Bengtsson A, Bernatsky S, Nived O, Sturfelt G, Pineau C. Charlson co-morbidity index is associated with mortality in systemic lupus erythematosus. *Arthritis Care and Research* 2011;63(9):1233-1237.
270. Shimony A, **Joseph L**, Mottillo S, Eisenberg M. Coronary artery perforation during percutaneous coronary intervention - A systematic review and meta-analysis. *Canadian Journal of Cardiology* 2011;27(6):843-850.
271. \*Filion K, Abenhaim H, Mottillo S, **Joseph L**, Gervais A, O'Loughlin J, Paradis G, Pihl R, Pilote L, Rinfret S, Tremblay M, Eisenberg M. The effect of behavioral interventions for smoking cessation in pregnant women: A meta-analysis of randomized controlled trials. *British Journal of Obstetrics and Gynecology* 2011;118(12):1422-1428.

272. Barnabe C, **Joseph L**, Bélisle P, Labrecque J, Edworthy S, Barr S, Fritzler M, Svenson L, Hemmelgarn B, Bernatsky S. Increased prevalence of systemic lupus erythematosus and systemic sclerosis in Alberta's First Nations population. *Arthritis Care and Research* 2012;64(1):138-143.

### Accepted:

273. de Groot J, Dendukuri N, Janssen K, Reitsma H, Brophy J, **Joseph L**, Bossuyt P, Moons C. Adjusting for partial verification or work-up bias in meta-analyses of diagnostic accuracy. *American Journal of Epidemiology*.
274. Bjerregaard P, Chatwood S, Denning B, **Joseph L**, Young T. Sex ratios in the Arctic: Do man-made chemicals matter? *American Journal of Human Biology*.
275. \*Ben-Shoshan M, Sheth S, Harrington D, Soller L, Fragapane J, **Joseph L**, St. Pierre Y, La Vieille S, Elliott S, Wasserman S, Alizadehfar R, Harada L, Allen M, Allen M, Clarke A. Impact of precautionary and allergen free statements on the purchasing practices of Canadians directly and indirectly affected by food allergies. *Journal of Allergy and Clinical Immunology*.
276. \*Jarvandi S, **Joseph L**, Gougeon R, Dasgupta K. Vitamin supplementation and blood pressure in type 2 diabetes. *Diabetic Medicine*.
277. Bertrand O, Bélisle P, Joyal D, Costerousse O, Rao S, Jolly S, Meerkin D, **Joseph L**. Comparison of Transradial and Femoral Approaches for Percutaneous Coronary Interventions: A Hierarchical Bayesian Meta-Analysis. *American Heart Journal*.
278. Sewitch M, **Joseph L**, Barkun A, Bitton A. Rates of serious complications from colonoscopy in Quebec. *Canadian Journal of Gastroenterology*.
279. \*Nguyen Luu N, Ben-Shoshan M, Alizadehfar R, **Joseph L**, Harada L, Allen M, St-Pierre Y, Clarke A. Inadvertent Exposures in Children with Peanut Allergy. *Pediatric Allergy and Immunology* 2011.
280. Pai N, Balram B, Shivkumar S, Cajas J, Lambert G, **Joseph L**. Head-to-head comparisons in diagnostic performance with oral and whole-blood specimens of a rapid point-of-care HIV test: a systematic review and meta-analysis. *Lancet Infectious Diseases* 2012.
281. \*Manjoo P, **Joseph L**, Dasgupta K. Abdominal adiposity and daily step counts as determinants of glycemic control in a cohort of patients with type 2 diabetes mellitus. *Nutrition and Diabetes* 2012.

### Submitted:

282. \*Shivkumar S, Peeling R, Jafari Y, **Joseph L**, Pant Pai N. Point-of-care first line screening tests for Hepatitis B infection: a Meta-Analysis of diagnostic accuracy. *American Journal of Gastroenterology*.
283. Soller L, Ben-Shoshan M, Harrington D, Fragapane J, **Joseph L**, St.-Pierre Y, Godefroy S, La Vieille S, Elliott S, Clarke A. Overall prevalence of self-reported food allergy in Canada. *Journal of Allergy and Clinical Immunology*.
284. Oskoui M, **Joseph L**, Dagenais L, Shevell M. The prevalence of cerebral palsy in Quebec: Alternative approaches. *Developmental Medicine and Child Neurology*.

285. Bogaty P, Dagenais P, **Joseph L**, Boyer L, Leblanc A, Bélisle P, Brophy J. Time variability of C-reactive protein: Implications for risk stratification. *Annals of Internal Medicine*.
286. \*Jafari Y, Peeling R, Shivkumar S, Lambert G, Claessens C, Cajas J, Lambert G, **Joseph L**, Pai N. Are globally popular point-of-care screening tests for Syphilis accurate enough? Evidence from a systematic review and meta-analysis. *PLoS ONE*.
287. Eisenberg M, Grandi S, Gervais A, **Joseph L**, O’Loughlin J, Paradis G, Rinfret S, Sarrafzadegan N, Sharma S, Lauzon11 C, Yadav R, Pilote L. Bupropion for smoking cessation in hospitalized patients with acute myocardial infarction: a randomized, placebo-controlled trial. *Annals of Internal Medicine*.
288. \*Cardinal H, Madore F, Brophy J, **Joseph L**, Hébert M, Boyer L, Bogaty P. Longitudinal trends in markers of apoptosis and inflammation after an acute coronary syndrome. *Journal of the American College of Cardiology*.
289. Mehdi T, Mottillo S, **Joseph L**, Pilote L, Eisenberg M. Unconventional smoking cessation aids: A meta-analysis of randomized controlled trials. *JAMA*.
290. Lee C, **Joseph L**, Colosimo A, Dasgupta K. Diabetes compared to previous cardiovascular disease in terms of mortality: Sex-specific meta-analyses. *Diabetes and Metabolism*.
291. Grover S, Lowenstein I, **Joseph L**, Kaouache M, Marchand S, Coupal L, Boudreau G. Managing cardiovascular risk factors among patients with diabetes: an evaluation of Canadian physicians. *Diabetes Care*.
292. Wakil S, Filion K, Genest J, **Joseph L**, Pilote L, Poirier P, Rinfret S, Schiffrin E, Eisenberg M. A meta-analysis of the effect of weight loss pharmacotherapies on weight loss and cardiovascular risk factors. *American Journal of Medicine*.
293. Sewitch M, Hilsden R, **Joseph L**, Rabeneck L, Paszat L, Bitton A, Cooper M. Qualitative study of physician perspectives on classifying screening and non-screening colonoscopy using administrative health data: adding practice does not make perfect. *Journal of Medical Screening*.
294. Dasgupta K, **Joseph L**, Da Costa D, Pilote L, Christopoulos S, Gougeon R. Cardiovascular health enhancement with cooking hands-on to eat wisely (CHEW CHEW) in type 2 diabetes: Results of a pilot study. *Canadian Journal of Diabetes*.
295. Hopman W, Zhou W, **Joseph L**, Towheed T, Prior J, Berger C, Anastassiades T, Poliquin S, Adachi, Hanley D, Papadimitropoulos E. Health-related quality of life in adolescents and young adults - comparison of youth from Canada, the USA and Sweden. *Scandinavian Journal of Public Health*.
296. Sewitch M, **Joseph L**, Bitton A, Hilsden R, Bitton A. Developing model-based algorithms to identify screening colonoscopies using administrative health databases in the absence of a gold-standard. *Epidemiology*.
297. \*Nguyen Luu N, Cicutto L Soller L, **Joseph L**, Wasserman S, St-Pierre Y, Clarke A. Management of anaphylaxis in schools: Evaluation of EpiPen use by school personnel and comparison of two approaches of soliciting participation. *Allergy, Asthma & Clinical Immunology*.
298. Berger C, Greene-Finestone L, Langsetmo L, Kreiger N, **Joseph L**, Kovacs C, Richards J, Hidioglou N, Sarafin K, Davison K, Adachi J, Brown J, Hanley D, Prior J, Goltzman D. Temporal trends and determinants of longitudinal change in 25-Hydroxyvitamin D and parathyroid hormone levels in the CaMos cohort. *The American Journal of Clinical Nutrition*.

299. Al Hassan T, Delli Fraine P, **Joseph L**, El Khoury M, Meterissian S, Mesurolle B. Accuracy of percutaneous core needle biopsy in diagnosing papillary breast lesions and potential impact of sonographic features on their management. *American Journal of Rheumatology*.
300. \*Jafari Y, Johri M, Steingart K, **Joseph L**, Peeling R, Pai N. Poor documentation and quality of implementation research outcomes for point-of-care diagnostics in Syphilis: results from a systematic review. (1980-2010). *Journal of Clinical Epidemiology*.
301. Dasgupta K, Hajna S, **Joseph L**, Da Costa D, Gougeon R. Effects of meal preparation training and step monitoring in type 2 diabetes. *PLoS One*.
302. \*Knoll M, Soller L, Ben-Shoshan M, Harrington D, Fragapane J, **Joseph L**, LaVielle S, St-Pierre Y, Wilson K, Elliott S, Clarke A. The use of incentives in vulnerable populations for a telephone survey: A randomized controlled trial. *BMC Medical Research Methodology*.
303. Sewitch M, Jiang M, Grad R, Yaffe M, Pavilanis A, **Joseph L**, Sun Z, Barkun A, Roper M. Feasibility of a call-in center to increase colorectal cancer screening in primary care. *Canadian Family Physician*.
304. Pai N, **Joseph L**, Shivkumar S, Peeling R, Jafari Y. Are rapid point-of-care screening tests for Hepatitis C accurate enough? Evidence from a systematic review and meta-analysis (1995-2011). *Annals of Internal Medicine*.
305. Barnabe C, **Joseph L**, Bélisle P, Labrecque J, Edworthy S, Barr S, Fritzler M, Svenson L, Hemmelgarn B, Bernatsky S. Prevalence of myositis in Alberta's First Nations population. *Arthritis Care and Research*.
306. Bader A, Gougeon R, **Joseph L**, Da Costa D, Dasgupta K. The effects of operationalizing nutritional education through internet-delivered menu plans: A phase 2 trial in type 2 diabetes patients. *PLoS One*.

### Books Edited:

1. Rosenberg L, **Joseph L**, and Barkun A. (Editors). *Surgical Arithmetic: Epidemiological, Statistical and Outcome-Based Approach to Surgical Practice*, Landes Biosciences, Austin Texas, 2000.

### Book Reviews:

1. **Joseph L**. Review of *Bayesian Statistics: An Introduction*, by P.M. Lee. *American Statistician* 1993;47(4):307.
2. **Joseph L**. Review of *Bayesian Data Analysis, Second Edition*, by A. Gelman et al. *Statistics in Medicine* 2004;23:3401-3403.
3. **Joseph L**. Review of *Bayesian Core: A Practical Approach to Computational Bayesian Statistics*, by J Marin and C. Robert. *Biometrics* 2007;63(3):975-976.

**Book Chapters:**

1. **Joseph L**, Wolfson D, du Berger R, Lyle RM. A change-point analysis of a randomized trial on the effects of calcium supplementation on blood pressure. In *Bayesian Biostatistics*, edited by Berry, D and Stangl D. Marcel Dekker, New York, 1996;617–649.
2. \*Brophy J, **Joseph L**. A Bayesian meta-analysis of randomized mega-trials for the choice of thrombolytic agent in acute myocardial infarction. In *Meta-Analysis in Medicine and Health Policy*, edited by Berry, D and Stangl D. Marcel Dekker, New York, 2000;83:104.
3. **Joseph L**. Introduction to biostatistics: Describing and drawing inferences from data. In *Surgical Arithmetic: Epidemiological, Statistical and Outcome-Based Approach to Surgical Practice*. Edited by Rosenberg L, **Joseph L**, and Barkun A. Landes Biosciences, Austin Texas, 2000, 14-63.
4. \*Romagnuolo J, Barkun A, **Joseph L**. Interpretation of diagnostic tests. In *Surgical Arithmetic: Epidemiological, Statistical and Outcome-Based Approach to Surgical Practice*. Edited by Rosenberg L, **Joseph L**, and Barkun A. Landes Biosciences, Austin Texas, 2000, 64-83.
5. **Joseph L**. A brief introduction to meta-analysis. In *Surgical Arithmetic: Epidemiological, Statistical and Outcome-Based Approach to Surgical Practice*. Edited by Rosenberg L, **Joseph L**, and Barkun A. Landes Biosciences, Austin Texas, 2000, 143-158.
6. Barkun A, Abraham N, **Joseph L**. Introduction to decision analysis. In *Surgical Arithmetic: Epidemiological, Statistical and Outcome-Based Approach to Surgical Practice*. Edited by Rosenberg L, **Joseph L**, and Barkun A. Landes Biosciences, Austin Texas, 2000, 159-170.

**G4d. Abstracts:**

1. **Joseph L**. The multi-path change-point. Statistical Society of Canada Annual Meeting, Victoria BC, May, 1988.
2. \*Poulin C, Gyorkos TW, **Joseph L**, Schlech W, Lee S. An epidemic of hepatitis B and Delta hepatitis in Nova Scotia: Association with illicit injectable drug use. 58 th conjoint Meeting on Infectious Diseases, 1990, Halifax, Nova Scotia.
3. Esdaile JM, **Joseph L**, Mackenzie T, Hayslett J, Kashgarian M. Lupus nephritis: The impact of a second renal biopsy. American College of Rheumatology, Annual Scientific Meeting, 1990, Seattle, Washington.
4. **Joseph L**. The multi-path change-point with applications. Joint Biometrika ASA Meetings, April, 1990, Baltimore.
5. Esdaile JM, **Joseph L**, MacKenzie T, Hayslett J, Kashgarian M. The pathogenesis and prognosis of lupus nephritis: Information from repeat renal biopsy. XII European Congress of Rheumatology, June 1991.
6. Grover SA, Gray-Donald K, Brewer C, Suissa S, **Joseph L**, Abrahamowicz M. Cardiovascular disease prevention through dietary modification: Estimating the benefits for Canadians. American Federation for Clinical Research, May, Seattle, Washington. *Clinical Research* 1991;39(2):187A.
7. Grover SA, Brewer C, **Joseph L**, Abrahamowicz M, Suissa S. Estimating the benefits of modifying coronary risk factors: A validated computer model. American Federation for Clinical Research, May, Seattle, Washington. *Clinical Research* 1991;39(2):221A.

8. Grover SA, Abrahamowicz M, **Joseph L**, Coupal L. Estimating the benefits of modifying coronary risk factors: A validated computer model. International Heart Health Conference, Vancouver, British Columbia 1992.
9. Grover SA, Gray-Donald K, **Joseph L**, Abrahamowicz M, Coupal L. Coronary heart disease (CHD) prevention for Canadians: Comparing the benefits of dietary modification and smoking cessation. International Heart Health Conference, Vancouver, British Columbia 1992.
10. Grover SA, Abrahamowicz M, **Joseph L**, Coupal L. Reducing the morbidity of coronary heart disease (CHD) following risk factor modification: Estimates from a primary prevention computer model. International Heart Health Conference, Vancouver, British Columbia 1992.
11. Grover SA, Gray-Donald K, **Joseph L**, Abrahamowicz M, Coupal L. Comparing the benefits of dietary modification and smoking cessation on coronary heart disease (CHD) prevention among Canadians. American Federation for Clinical Research, *Clinical Research* 1992;40(2):183A.
12. Grover SA, Abrahamowicz M, **Joseph L**, Coupal L. Reducing the morbidity of coronary heart disease (CHD) following risk factor modification: Estimates from a primary prevention computer model. American Federation for Clinical Research, *Clinical Research* 1992;40(2):139A.
13. Barkun A, Barkun JS, Barkun AN, Sampalis JS, Goresky CA, **Joseph L**, Meakins JL, Battista RN. Open versus laparoscopic cholecystectomy: a randomized clinical trial. Abstracts Annual Meeting, International Society of Technology Assessment in Health Care, 1992, 17.
14. Fraenkel L, MacKenzie T, **Joseph L**, Kashgarian M, Hayslett JP, Esdaile JM. Response to therapy as a predictor of outcome in lupus nephritis. Royal College of Physicians and Surgeons of Canada 1992.
15. \*Coupal L, **Joseph L**, Gyorkos TW. Maximum likelihood estimation of strongyloides prevalence in the absence of a gold standard. XIIIth International Congress for Tropical Medicine and Malaria Jomtien, Pattaya, Thailand, Nov. 29 - Dec. 4, 1992.
16. Frenette P, Thirlwell M, Trudeau M, DMP Thompson, **Joseph L**, Shuster J. The Diagnostic value of CA 27-29, CA 15-3, mucin-like carcinoma Antigen (MCA) carcinoembryonic antigen (CEA) and CA 19-9 in breast and gastrointestinal malignancies. Proceedings of the 29<sup>th</sup> Annual Meeting of the American Society of Clinical Oncology, May 18, 1993. *Proc Annu Meet Am Soc Clin Oncol* 1993;12:A251
17. Poulin de Courval L, Gauthier S, **Joseph L**, Saroyan A. A Survey of the aptitudes of family physicians who care for patients with dementia. 9th International Conference of Alzheimer' disease International Toronto, September 20-22, 1993.
18. Poulin de Courval L, Gauthier S, **Joseph L**, Saroyan A. Enquete sur les aptitudes des m/’edecins de famille à soigner les patients atteints de démence. 22e r/’eunion scientifique et éducative annuelle, Montreal, 28-30 October 1993.
19. Esdaile JM, **Joseph L**, MacKenzie T, Danoff D, Li Y, Abrahamowicz M. Laboratory tests as predictors of "flare" in systemic lupus erythematosus (SLE). *Arthritis and Rheumatism* 1994;37:S133.
20. Poulin de Courval L, Gauthier S, **Joseph L**, Saroyan A. Enquete sur les aptitudes des médecins de famille à soigner les patients atteints de démence. 6me Journée Québécoise de la recherche en médecine familiale, Québec, Mai 27, 1994.
21. Poulin de Courval L, Gauthier S, **Joseph L**, Saroyan A. Enquete sur les aptitudes des médecins de famille à soigner les patients atteints de démence. 5e congrès international francophone de gérontologie, Strasbourg, France 9-12 October 1994.

22. Poulin de Courval L, Gauthier S, **Joseph L**, Saroyan A. A Survey of the aptitudes of family physicians who care for patients with dementia. American Educational Research Association, 1994 Annual Meeting New Orleans, April 4-8, 1994.
23. \*Demissie K, Ernst P, Becklake MR, **Joseph L**. Relationship of pre-natal and early post-natal events to lung function and airways responsiveness in school children. International Conference of the American Thoracic Society, 1994, Boston, Massachusetts, May 22-25, 1994. American Journal of Respiratory and Critical Care Medicine 1994;149:A910.
24. \*Demissie K, Ernst P, Gray-Donald K, **Joseph L**. The relationship of airways responsiveness to salt intake in school children. International Conference of the American Thoracic Society, 1994, Boston, Massachusetts, May 22-25, 1994. American Journal of Respiratory and Critical Care Medicine 1994;149:A387.
25. Grover SA, Lowensteyn I, Esrey KL, **Joseph L**, Abrahamowicz M. How accurately do Canadian physicians assess the coronary risk of their patients? The preliminary results of the coronary health assessment study (CHAS). The Royal College of Physicians and Surgeons of Canada, Annual Meeting. Journal of Clinical and Investigative Medicine 1994;17(4):B11 (Suppl.)
26. Grover SA, Hu X-P, Coupal L, Abrahamowicz M, **Joseph L**. Lipid screening to identify individuals at high risk of coronary disease: Do the current guidelines work? Society of General Internal Medicine 17th Annual Meeting. Journal of General Internal Medicine 1994;9(4):87 (Suppl. 2).
27. Grover SA, Levinton C, Coupal L, **Joseph L**, Abrahamowicz M. Estimating the benefits of coronary risk reduction through lipid modification: Does an increased risk of suicide matter? Society of General Internal Medicine 17th Annual Meeting. Journal of General Internal Medicine 1994;9(4):40 (Suppl.2).
28. Esdaile JM, Abrahamowicz M, MacKenzie T, Danoff D, Li Yin, **Joseph L**. Laboratory tests as predictors of a major “flare” in systemic lupus erythematosus. American College of Rheumatology, 58th Annual Scientific Meeting, Minneapolis, Minnesota, October 23-27, 1994. Arthritis & Rheumatism 37 (9 Suppl.). 1994. S181.
29. **Joseph L**, Gyorkos T, Coupal L. Bayesian estimation of disease prevalence and the parameters of diagnostic tests in the absence of a gold standard. North American Regional meeting of the International Society for Bayesian Analysis (ISBA), Toronto, Ontario, Canada, August 12-13, 1994.
30. **Joseph L**, Wolfson D, du Berger R. Bayesian sample size determination via HPD regions. North American Regional meeting of the International Society for Bayesian Analysis (ISBA), Toronto, Ontario, Canada, August 12-13, 1994.
31. Day J, Briscoe M, Buckeridge D, Clark R, Phillips R, **Joseph L**. Early-onset of action of triamcinolone acetonide nasal spray as determined by a controlled antigen delivery in ragweed allergic subjects. Journal of Allergy and Clinical Immunology 1994;93(1):164-164.
32. \*Demissie K, Ernst P, **Joseph L**, Locher U, Becklake MR. Socioeconomic status and indicators of asthma in children. International Conference of the American Thoracic Society, Seattle, Washington, May 21-24, 1995. American Journal of Respiratory and Critical Care Medicine 1995;151:A29.
33. Barkun AN, Booth J, MacColl C, Barkun JS, **Joseph L**, Fried G, Hu X and the McGill Gallstone Treatment Group. What is the optimal management of patients with suspected choledocholithiasis scheduled for laparoscopic cholecystectomy? American Society for Gastrointestinal endoscopy, San Diego, California, May 14-17, 1995.

34. \*Mata S, Wolfe F, **Joseph L**, Esdaile JM. Absence of an association of rheumatoid arthritis and diffuse idiopathic skeletal hyperostosis: A case-control study. Laurentian Conference of Rheumatology, Val David, Quebec, June 8-10, 1995.
35. Rudnik J, Clarke AE, **Joseph L**, Danoff D. Incidence of malignancies in patients with systemic lupus erythematosus (SLE). Laurentian Conference of Rheumatology, Val David, Quebec, June 8-10, 1995.
36. Fortin PR, Mata S, **Joseph L**, Chhem R, Fitzcharles MA, Watts CS, Gore B, Rosenberg E, Starr M, Esdaile JM. Is diffuse idiopathic skeletal hyperostosis (DISH) a distinct entity? A controlled study. 59th National Scientific Meeting of the American College of Rheumatology, San Francisco, California, October 22-26, 1995. *Arthritis & Rheumatism* 38 (9 Suppl.). 1995. S262.
37. Leclerc J R, Geerts W H, Desjardins L, Laflamme G H, L'Esperance B, Cruickshank M, Demers C, Jobin F, Kassis J, Whitman L, **Joseph L**, Delorme F, Bourgouin J. Prevention of venous thromboembolism (VTE) after knee arthroplasty: A randomized, double-blind trial, comparing a low molecular weight heparin fragment (Enoxaparin) to warfarin. Annual Meeting of the Canadian Society for Clinical Investigation and the Royal College of Physicians and Surgeons of Canada, Montreal, Quebec, Canada, September 13-17, 1995. *Clinical & Investigative Medicine* 18 (4 Suppl.). 1995. B67.
38. \*Mata S, Wolfe F, **Joseph L**, Esdaile JM. Absence of an association of rheumatoid arthritis (RA) and diffuse idiopathic skeletal hyperostosis (DISH): A case-control study. 59th National Scientific Meeting of the American College of Rheumatology, San Francisco, California, October 22-26, 1995.
39. Fortin PR, **Joseph L**, Tanzer M, Panaritis D, Liang MH, Partridge AJ, Phillips CB, Katz JN. Worse general health and more severe disease in Canadian vs American patients undergoing elective total hip/knee surgery for osteoarthritis. 59th National Scientific Meeting of the American College of Rheumatology, San Francisco, California, October 22-26, 1995. *Arthritis & Rheumatism* 38 (9 Suppl.). 1995. S382.
40. Gyorkos TW, **Joseph L**. Using a Bayesian approach to enhance the estimation of the prevalence of infection. American Society of Tropical Medicine & Hygiene, San Antonio, Texas, November 20, 1995.
41. \*Shull M, **Joseph L**, Battista R, Brophy J. Coronary thrombolysis in the emergency department: concordance with clinical guidelines. *Society for Medical Decision Making* 1996;31(1):12-18.
42. \*Carabin H, Gyorkos T, **Joseph L**, Payment P, Soto J. Methods of recovery of *Toxocara* spp and fecal coliforms in sand of a day care centre. Conjoint meeting on infectious diseases, Canadian Association for Clinical Microbiology and Infectious Diseases, Hamilton, Ontario, November 10-14, 1996.
43. \*Lalonde, L, **Joseph L**, Clarke, A, Grover, S. Sources of variation in conventional utility measures. *Society for Medical Decision Making*, 1996;16(4):460.
44. Fortin P, Clarke A, **Joseph L**, Tanzer M, Bélisle P, Ferland D, Phillips C, Fossel H, Katz J. A transnational comparison of preoperative status and outcomes of elective total knee/hip replacement. Meeting of the American College of Rheumatology, Orlando, Florida, October 18-22, 1996. *Arthritis & Rheumatism* 39(9 SUPPL.). 1996. S209.
45. Fortin P, **Joseph L**, Bélisle P, Fitzcharles M. Validity of generic and disease specific measures in fibromyalgia and determinants of worse score on the fibromyalgia impact questionnaire. Meeting of the Association of Rheumatology Health Professionals, Orlando, Florida, October 18-22, 1996. *Arthritis & Rheumatism* 39(9 SUPPL.). 1996. S316.
46. Eason E, Sampalis J, **Joseph L**, Hemmings R. Vaginal antisepsis for abdominal hysterectomy. Annual Meeting of the Society of Obstetricians and Gynecologists of Canada, Quebec City, June 25, 1996.

47. Dobkin P, Clarke A, Fortin P, **Joseph L**, Danoff D. Psychosocial contributors to mental and physical health in patients with systemic lupus erythematosus. Presented at the Annual Meeting of the American Psychosomatic Society, Santa Fe, New Mexico, March 19–22, 1997. *Psychosomatic Medicine* 1997;59:84-85.
48. Tanzer M, Fortin P, **Joseph L**, Liang M, Katx J. Assessment of general health and disease severity in Canadian and American patients undergoing elective hip/knee arthroplasty. Annual Meeting of the American Academy of Orthopaedic Surgeons, San Francisco, February 13 – 17, 1997.
49. Lowensteyn I, Grover S, **Joseph L**. Evaluating the new American College of Sports Medicine risk stratification guidelines for exercise stress testing. American College of Sports Medicine Annual Fall Meeting, Durham, New Hampshire, November 7 – 8, 1996.
50. Barkun A, Barkun J, **Joseph L**, Booth J. L'approche optimale du malade soupçonné de cholécystolithiase ayant une cholécystectomie par laparoscopie. *Médecine Sciences*; 12(suppl):31 O-52.
51. Lowensteyn I, **Joseph L**, Grover S. Are positive exercise stress tests predictive of coronary death in high risk asymptomatic individuals? Annual Meeting of the American College of Sports Medicine, Denver Colorado, May 28–31, 1997. *Medicine and Science in Sports and Exercise*, Volume 29:5.
52. Poliquin S, Tenenhouse A, Kreiger N, **Joseph L**, Hanley D, MacKenzie T, Brown J, Rittmaster R, Prior J, Barr S. The Canadian Multicentre Osteoporosis Study. Calcium Intake in a Randomly Selected Population of Male and Female Canadians Greater than 24 Years. 16<sup>th</sup> International Congress of Nutrition, Montreal, Canada, July 27–August 1, 1997.
53. \*Lalonde L, Clarke A, **Joseph L**, Mackenzie T, Grover S. Detecting and treating dyslipidemia has a negative impact on the quality of life. *Society for Medical Decision Making*, 1997;17(4):532.
54. \*Lalonde L, Clarke A, **Joseph L**, Mackenzie T, Grover S. Psychometric properties of valuations of quality of life measures in coronary heart disease prevention and treatment. Nineteenth Annual Meeting of the Decision Making, October 26-29, 1997, Houston, Texas. 1997.
55. \*Lalonde L, Clarke A, **Joseph L**, Grover S. The utility of diet changes to prevent coronary heart disease: Can we improve the sensitivity of standard gamble? Nineteenth Annual Meeting of the Decision Making, October 26-29, 1997, Houston, Texas. 1997.
56. \*Demissie K, White N, **Joseph L**, Ernst P. Bayesian estimation of asthma prevalence and comparison of exercise and questionnaire diagnostics in the absence of a gold standard. Nineteenth Annual Meeting of the Society for Medical Decision Making, October 26-29, 1997, Houston, Texas.
57. Clarke A, Levinton C, **Joseph L**, Zowall H, Grover S, Penrod J, Sibley J, Esdaile J. Predicting short term direct medical costs (DC) incurred in RA. American College of Rheumatology, 61<sup>st</sup> National Scientific Meeting, Washington DC, November 8–12, 1997. *Arthritis and Rheumatism* 1997;40(9):40 S171.
58. Fortin P, Ferland D, Clarke A, Bélisle P, **Joseph L**. Activity and damage predicts later flares in lupus. American College of Rheumatology, 61<sup>st</sup> National Scientific Meeting, Washington DC, November 8–12, 1997.
59. Neville C, **Joseph L**, Clarke A, Bélisle P, Ferland D, Fortin P. Learning from discordance in patient and physician global assessments of lupus disease activity. Association of Rheumatology Health Professionals 32<sup>nd</sup> National Meeting, Washington DC, November 8–12, 1997.

60. Tenenhouse A, Jackson S, **Joseph L**. The use of bone ultrasound in the Canadian Multiventre Osteoporosis Study. Bone Ultrasonometry: A First Symposium for Clinical Practitioners, Scotland, May 17, 1997.
61. Tenenhouse A, **Joseph L** and the CaMos Research Group. Peak bone mass and prevalence of osteoporosis in a randomly selected Canadian population of women and men. Nineteenth Annual Meeting of the ASBMR, Cincinnati, Ohio, September 10-14, 1997.
62. Tenenhouse A, **Joseph L** and the CaMos Research Group. Peak bone mass and prevalence of osteoporosis in a randomly selected Canadian population of women and men. CAG Meeting, Calgary Alberta, October 23-26, 1997.
63. \*Carabin H, Gyorkos T, **Joseph L**, Soto J. Rapports des taux d'incidence: Influence d'un choix de définitions pour les cas incidents et la population-temps. Colloque méthodes et applications de la statistique, Bureau de la statistique du Québec, 65e Congrès de l'ACFAS, trois Rivières, 12-16 Mai 1997.
64. \*Carabin H, Gyorkos T, **Joseph L**, Soto J, Payment P. A Bayesian approach to the analysis of fecal coliform contamination in the indoor and outdoor environment of 52 day care centres. Statistics in Public Resources, SPRUCE IV International Conference on Statistical Aspects of Health and the Environment. Enschede, The Netherlands, September 7-12, 1997.
65. \*Carabin H, Gyorkos T, Soto J, **Joseph L**, Collet J. Infection control in daycare: Partnership in child health. Fifth Canadian Conference on International Health. Ottawa, November 1998.
66. Abrahamowicz M, Grodzicky T, Senecal J, Panaritis T, Li Y, Coupal L, Grover S, Fortin P, Clarke A, **Joseph L**, Esdaile E. Myocardial infarction (MI) and stroke in SLE: Markedly increased incidence after controlling for risk factors. Fifth International Conference on Systemic Lupus Erythematosis, Cancun, Mexico, April 20-25, 1998.
67. Clarke A, Petri M, Manzi S, Isenberg D, Gordon C, Senecal J, Sutcliffe N, Choquette D, Goulet J, Grodzicky T, Fortin P, **Joseph L**, Penrod J, St. Pierre Y, Panaritis D, Esdaile J. Predicting health status in SLE: More favourable in Canada after controlling for population norms. Abstract # 204. Fifth International Conference on Systemic Lupus Erythematosis, Cancun, Mexico, April 20-25, 1998.
68. Clarke A, Petri M, Manzi S, Isenberg D, Gordon C, Senecal J, Sutcliffe N, Choquette D, Goulet J, Grodzicky T, Fortin P, **Joseph L**, Penrod J, St. Pierre Y, Panaritis D, Esdaile J. Assessing the indirect costs of SLE: The risk of undervaluing women. Abstract # 139. Fifth International Conference on Systemic Lupus Erythematosis, Cancun, Mexico, April 20-25, 1998.
69. Ferland D, Clarke A, Bélisle P, **Joseph L**, Fortin P. Later lupus flares over 4 years as predicted by activity and damage. Fifth International Conference on Systemic Lupus Erythematosis, Cancun, Mexico, April 20-25, 1998.
70. \*Lalonde L, Clarke A, **Joseph L**, Mackenzie T, Grover S, The Canadian Collaborative Cardiac Assessment Group. Detecting and treating dyslipidemia may have a negative effect on health related quality of life. International Society of Technology Assessment in Health Care, Ottawa Canada, June 1998.
71. Ferland D, Moore A, Clarke A, Bélisle P, **Joseph L**, Fortin P. Frequency of lupus flares over four years. Pan-American Congress of Rheumatology XIIth Annual Meeting, Montreal, Quebec, June 21-25 1998.
72. \*Demir A, Ernst P, **Joseph L**, Becklake M. Work related asthma in Montreal, Canada. A population based study in adults. Conference on the basic mechanisms of occupational asthma. April 30 – May 2, 1998, Morgantown, West Virginia.

73. \*Rahme E, **Joseph L**, Kong S, Watson D, LeLorier, J. Cost of gastro-protective agents attributable to nonsteroidal antiinflammatory drugs. 2e Colloque du réseau FRSQ sur l'utilisation des médicaments, 1998. and 14th International Conference on Pharmacoepidemiology, Berlin, Germany, 1998.
74. \*Rahme E, **Joseph L**, Kong S, Watson D, LeLorier, J. Cost of gastro-protective agents attributable to nonsteroidal antiinflammatory drugs. 11th European League Against Rheumatism Symposium, Geneva, Switzerland, 1998.
75. Clarke A, Petri M, Manzi S, Isenberg D, Gordon C, Senecal J, St. Pierre Y, **Joseph L**, Penrod J, Fortin P, Sutcliffe N, Goulet J, Choquette D, Grodzicky, Esdaile J. Predicting health care utilization in SLE: country of care, disease damage and health status. American College of Rheumatology, 62<sup>nd</sup> National Scientific Meeting, San Diego, November 1998.
76. Moore A, Ferland D, Clarke A, Bélisle P, St. Pierre Y, **Joseph L**, Penrod J, Fortin P. The direct costs of a flare in systemic lupus erythematosus (SLE). American College of Rheumatology, 62<sup>nd</sup> National Scientific Meeting, San Diego, November 1998.
77. Fortin P, Ferland D, Clarke A, Bélisle P, **Joseph L**. Rates and predictors of lupus flares. American College of Rheumatology, 62<sup>nd</sup> National Scientific Meeting, San Diego, November 8 – 12, 1998.
78. Prior JC, **Joseph L**, Kreiger N, Tenenhouse A, and the CaMOS investigators. No Positive effect of oral contraceptive use bone density: a population-based cross-sectional study in women ages 25-45 from the Canadian Multicentre Osteoporosis Study. 2<sup>nd</sup> annual joint meeting of the ASBMR-IBMS, San Francisco, California, December 1998.
79. \*Kahn SR, Leclerc J, Grover S, **Joseph L**, Coupal L, Wang S, Paltiel O, Baranyai M, St. Jacques B, Finkenbine S, Illescas F. A randomized management study of impedance plethysmography compared to contrast venography in patients with a first episode of clinically suspected deep vein thrombosis. Blood 1998;92(Supplement):Abstract #186.
80. \*Kahn SR, **Joseph L**, Abenhaim L, Leclerc JR. Test characteristics of clinical signs for the diagnosis of deep vein thrombosis. Blood 1998;92(Supplement):Abstract #3493.
81. \*Kahn SR, **Joseph L**, Abenhaim L, Leclerc JR. Is male sex a "risk factor" for DVT? Blood 1998;92(Supplement):Abstract #3492.
82. \*Wang L, Reinhold C, Liang L, Aldis A, Atri M, **Joseph L**. Endovaginal color and pulsed Doppler sonography of the endometrium in postmenopausal women: Is there a role for reducing the number of endometrial sampling procedures? Eighty-Fourth Annual Meeting of the Radiological Society of North America, Chicago, Illinois November 29 - December 4, 1998.
83. Dobkin P, Poirier R, Robaey P, Bonny Y, Champagne M, **Joseph L**. Predictors of survival in pediatric bone marrow transplantation. 57th Annual Scientific Meeting of the American Psychosomatic Society, March 17-20, 1999, Vancouver, Canada.
84. Moore A, Petri M, Manzi S, Isenberg D, Gordon C, Senecal J, St. Pierre Y, **Joseph L**, Fortin P, Sutcliffe N, Goulet J, Choquette D, Grodzicky T, Esdaile J, Clarke A. Interpersonal support and health status in systemic lupus erythematosus (SLE). ISOQOL '98 - 5<sup>th</sup> annual conference of the International Society for Quality of Life Research. Baltimore, Maryland, November 15 - 17, 1998. Quality of Life Research 1998;7:640.
85. \*Rahme E, **Joseph L**, Kong S, Watson D, LeLorier, J. Rate of gastro-protective agents use, diagnostic tests and hospitalizations among elderly patients who started Arthrotec, a fixed combination of Misoprostol and Diclofenac. International Society of Pharmacoepidemiology and Outcome Research, Inaugural Conference, Cologne, Germany, 1998.

86. \*Carabin H, Gyorkos T, **Joseph L**, Soto J, Collet, J. Improving estimates of fecal coliform counts of environmental samples using multiple imputation. 66th Conjoint Meeting on Infectious Diseases, Toronto, Ontario, November 1998.
87. \*Dendukuri N, **Joseph L**. Bayesian approaches to modeling the conditional dependence between multiple diagnostic tests. Joint Statistical Meetings, Baltimore, August 1999.
88. \*Carabin H, Gyorkos TW, **Joseph L**, Soto JC, Collet J-P. Disentangling intervention from monitoring effects in public health. The International Epidemiological Association XV International Scientific Meeting. Florence, Italy, September 1999.
89. \*Reinhold C, Barkun A, Barkun J, **Joseph L**, Valois E, Burke M. MRCP versus ERCP in the diagnosis of bile duct obstruction: a randomized clinical trial. 85<sup>th</sup> Scientific Assembly and Annual Meeting of the Radiological Society of North America, Nov 26 - Dec 3, Chicago, 1999.
90. Abraham N, Barkun J, Barkun A, Fried L, **Joseph L**. What is the optimal management of patients with suspected choledocholithiasis in the era of laparoscopic cholecystectomy? - A decision analysis. *Gastroenterology* 1999;115:G0012.
91. \*Rahme E, **Joseph L**, Kong S, Watson D, LeLorier, J. Use of gastroprotective Agents, diagnostic tests, and hospitalisations among elderly patients who started nonsteroidal antiinflammatory drugs. American College of Rheumatology, San Diego, USA 1998; and Canadian Rheumatology Association, Lake Louise, Canada 1999.
92. \*Rahme E, **Joseph L**, Kong S, Watson D, LeLorier, J. Gastrointestinal healthcare resource use and costs associated with nonsteroidal antiinflammatory drugs versus acetaminophen: A retrospective cohort study of an elderly population in Quebec. 3<sup>rd</sup> Colloque du Réseau FRSQ sur l'utilisation des médicaments, Sherbrooke, Canada 1999, and Canadian Forum for Population Therapeutics, Halifax, Canada 1999. *Can J Clin Epidemiol* 6(1):32, 1999.
93. \*Rahme E, **Joseph L**, Kong S, Watson D, LeLorier, J. Gastrointestinal healthcare resource use and costs associated with nonsteroidal antiinflammatory drugs. 15th International Conference on Pharmacoepidemiology, Boston, USA 1999.
94. Doucet M, Eisenberg M, Zaabat S, **Joseph L**, Pilote L. Effects of institutional volume on long-term outcomes after coronary angioplasty. 52<sup>nd</sup> Annual Meeting of the Canadian Cardiovascular Society, Quebec City, October 19-23, 1999.
95. Reinhold C, Barkun AN, Barkun J, **Joseph L**, Valois E, Burke M. MRCP vs ERCP in the diagnosis of bile duct obstruction: A randomized clinical trial *Radiology* 213P:486 NOV 1999.
96. Pilote L, Lauzon C, Huynh T, Dion D, Roux R, Racine N, Carignan S, Diodati JG, Charbonneau F, Pouliot J, **Joseph L**. Quality of life after acute myocardial infarction in patients treated at sites with and without catheterization laboratories *Circulation* 100(18):4254, Suppl. S NOV 2 1999.
97. Doucet M, Eisenberg M, **Joseph L**, Pilote L. The effect of hospital volume on long-term outcome after percutaneous transluminal coronary angioplasty. *Journal of the American College of Cardiology* 2000;35(2):12A-13A, Suppl. A. *Journal of the American College of Cardiology* 35(2):12A-13A, Suppl. A FEB 2000.
98. Adachi J, Hanley D, Ioannidis G, Berger C, Papaioannou A, Pickard L, Goeree R, Papadimitropoulos M, Makarechian N, Murray T, Hopman W, Brown J, Anastassiades T, **Joseph L**, Poliquin S, Tenenhouse A, and the CaMos Research Group. The Influence of Osteoporotic Fractures on Health Related Quality of Life (HRQL) in Community Dwelling Men and Women Across Canada. Twentieth Annual Meeting of the ASBMR, September 1999.

99. \*Lalonde L, Clarke A, **Joseph L**, Grover S and the Canadian Cardiac Assessment Group. Health related quality of life with hypertension and dyslipidemia in primary and secondary prevention. 6<sup>th</sup> Annual Conference of the International Society of Quality of Life Research, Barcelona, November 3-6, 1999.
100. \*Lalonde L, O’Conner A, Clarke A, **Joseph L**, Grover S and the Canadian Cardiac Assessment Group. Probabilistic health state description attenuates the ceiling effect of conventional standard gamble. 6<sup>th</sup> Annual Conference of the International Society of Quality of Life Research, Barcelona, November 3-6, 1999.
101. Moore A, Petri M, Manzi S, Isenberg D, Gordon C, Senecal J, St. Pierre Y, **Joseph L**, Penrod J, Fortin P, Sutcliff N, Goulet J, Choquette D, Grodzicky T, Esdaile J, Clarke A for the Tri-Nation study Group. Alternative medicine use reflects care seeking behaviour in SLE. 63<sup>rd</sup> Annual Scientific Meeting of the American College of Rheumatology, Boston MA, November 13-17, 1999.
102. Poliquin S, Ioannidis G, Berger C, Papadimitropoulos M, Papaioannou A, Pickard L, Murray T, Hanley D, Hopman W, Brown J, Anastassiades T, **Joseph L**, Adachi J, Tenenhouse A, and the CaMos Research Group. The influence of fractures on health related quality of life (HRQL) in community dwelling men and women across Canada. 28th Annual Scientific and Educational Meeting of the Canadian Association on Gerontology, Ottawa, November 4-7, 1999.
103. Clarke A, St Pierre Y, **Joseph L**, Penrod J, Sibley J, Genant H. Radiographic damage correlates with functional disability in RA. 63<sup>rd</sup> Annual Scientific Meeting of the American College of Rheumatology, Boston MA, November 13-17, 1999.
104. \*Romagnuolo J, Barkun AN, Reinhold C, **Joseph L**, and Barkun JS. A randomized clinical trial comparing ERCP and MRCP in an effectiveness setting. At the 8th Annual CAG/CASL PostGraduate Fellows’ Course in Gastroenterology and Hepatology, Quebec City, Qc, Canada, March 5-8, 2000. *Gastrointest Endosc.* 2000. *Gastrointestinal Endoscopy* 51(4):4671, Part 2 APR 2000.
105. \*Romagnuolo J, Barkun AN, Reinhold C, **Joseph L**, and Barkun JS. A randomized clinical trial comparing ERCP and MRCP in an effectiveness setting. At the scientific plenary session of the 4th Annual Canadian Digestive Disease Week, Quebec City, Qc, Canada, March 8-11, 2000.
106. \*Romagnuolo J, Barkun A, Reinhold C, **Joseph L**, and Barkun J. MRCP versus ERCP: A comparison of effectiveness in a randomized clinical trial. *Canadian Digestive Disease Week 2000*, Quebec City, March 5 - 12, 2000. *Can J Gastroenterol.* 2000;14(suppl. A):18A.
107. \*Romagnuolo J, Barkun AN, Reinhold C, **Joseph L**, and Barkun JS. MRCP versus ERCP in the management of patients with suspected biliary obstruction: A randomized clinical trial. At the American Society of Gastrointestinal Endoscopy sponsored Young Investigators Conference on Digestive Disease in cooperation with the American Gastroenterology Association and the American Association for the Study of Liver Disease. LaJolla, Ca, April 13-16, 2000. Chosen as the best oral paper of the ASGE/AGA/AASLD co-sponsored Young Investigators Conference on Digestive Disease.
108. \*Romagnuolo J, Barkun A, Reinhold C, **Joseph L**, and Barkun J. A randomized clinical trial comparing ERCP and MRCP in an effectiveness setting. *American Gastroenterology Association Digestive Disease Week*, San Diego California, May 20-24, 2000. *Gastroenterology* 2000; A206 (#1276).
109. \*Romagnuolo J, Barkun A, Reinhold C, **Joseph L**, and Barkun J. Clinical and ultrasonographic predictors of biliopancreatic malignancy in patients with biliary obstruction and an unclear diagnosis. *American Gastroenterology Association Digestive Disease Week*, San Diego California, May 20-24, 2000. *Gastroenterology* 118(4):1276, Part 1, Suppl. 2 APR 2000.

110. \*Romagnuolo J, Barkun A, Reinhold C, **Joseph L**, and Barkun J. Which patients with suspected biliary obstruction are most likely to benefit from MRCP? American Gastroenterology Association Digestive Disease Week, San Diego California, May 20-24, 2000. *Gastroenterology* 2000. *Gastroenterology* 118(4):1221, Part 1, Suppl. 2 APR 2000.
111. Rajan R, **Joseph L**, Mailhot P, Bélisle P, Penrod J, Benk V. Risk of local recurrence with delays in adjuvant radiotherapy for women with stage I or II breast cancer: an historical cohort study. American Society of Clinical Oncology Year 2000 Meeting, New Orleans, Louisiana, May 20-23, 2000.
112. Cadarette S, Jaglal S, Murray T, McIsaac W, **Joseph L**, Brown J. Evaluation of Decision Rules and NOF Guidelines to Refer Women for Bone Densitometry. American Society for Bone and Mineral Research Annual Meeting, September 2000. *Journal of Bone and Mineral Research* 15:1125, Suppl. 1 SEP 2000.
113. Grover S, Coupal L, **Joseph L**, Dorais M. Preventing cardiovascular events with statins: how important are changes in blood lipids? *European Heart Journal* 21:P978, Suppl. S AUG-SEP 2000.
114. Tenenhouse A, **Joseph L**, Hanley D, Kreiger N. Prevalence of low bone mineral density of the femoral neck in Canadian women: The Canadian Multicentre Osteoporosis Study (CaMos). *Journal of Bone and Mineral Research* 15:M315, Suppl. 1 SEP 2000.
115. Nashi E, Clarke A, **Joseph L**, Fortin P. The incidence of cancer in patients with systemic lupus erythematosus. American College of Rheumatology 64<sup>th</sup> Annual Meeting, Philadelphia, Pa., October 28 - November 2, 2000. *Arthritis and Rheumatism* 2000;43(9):589, Suppl. S.
116. Fortin P, Kassis J, Neville C, Bigue C, Lecompte M, **Joseph L**, Bélisle P, Subang R, Idiong U, Rauch J. Risk of previous thrombosis is associated with the number of antibodies to phospholipids and phospholipid-binding proteins. American College of Rheumatology 64<sup>th</sup> Annual Meeting, Philadelphia, Pa., October 28 - November 2, 2000. *Arthritis and Rheumatism* 43(9):1473, Suppl. S SEP 2000.
117. \*Romagnuolo J, Barkun A, Reinhold C, **Joseph L**, Barkun J. Predictors of obstruction in patients without ultra-sonographic evidence of biliary dilatation. American Gastroenterology Association Digestive Disease Week, Atlanta, May 23, 2001. *Gastrointestinal Endoscopy* 53(5):3361, Suppl. S APR 2001.
118. \*Abraham N, Barkun A, Fallone C, Mayrand S, LaRocque M, Baffis V, Daoud H, Daly DS, Cohen A, **Joseph L**. Judging the adequacy of conscious sedation: Does the physician's assessment of patient tolerance predict the patient's comfort or willingness to repeat? American Gastroenterology Association Digestive Disease Week, Atlanta, May 23, 2001. *Gastrointestinal Endoscopy* 53(5):4291, Suppl. S APR 2001.
119. \*Abraham N, Barkun A, **Joseph L**, Valois E, Barkun J. Clinical Risk Factors of Plastic Biliary Stent Obstruction: A Prospective Trial. American College of Gastroenterology 65th Annual Scientific Meeting, New York, New York, October 16-18, 2000.
120. \*Carabin H, Escalona M, Basanez M, **Joseph L**, Botto C. A Bayesian hierarchical approach to assess factors associated with onchocerciasis infection in the Amazonian focus. New Challenges in Tropical Medicine and Parasitology, 22 September 2000, Oxford, United Kingdom.
121. \*Benk V, Penrod J, **Joseph L**, Mailhot V, Belisle P, Rajan R. FACTORS Predicting for delay in adjuvant radiotherapy for women with stage I or II breast cancer. American Society of Clinical Oncology 37th Annual Meeting May 12-15, 2001 San Francisco, CA.

122. \*Benk V, **Joseph L**, Bélisle P, Rajan R. Factors predicting for delay in radiotherapy for women with early-stage breast cancer: the Quebec experience. Canadian Association of Radiology Oncology (CARO), Quebec City, September 21-23, 2001.
123. \*Reinhold C, Salah N, Barkun AN, **Joseph L**, Barkun JS, Valois E. MRCP vs ERCP in the evaluation of patients with suspected bile duct obstruction: A randomized clinical trial. ISMRM April 25, 2001, Glasgow, Scotland.
124. Adachi R, Ioannidis G, Berger C, Pickard L, Prior J, Hanley D, Olszynski W, Murray T, Anastassiades T, Brown J, Kirkland S, Joyce C, **Joseph L**, Papaioannou A, Tenenhouse A and the CaMos Research Group. The impact of comorbid conditions on bone mineral density and vertebral deformities in community dwelling men and women across Canada. Twenty-First Annual Meeting of the American Society for Bone and Mineral Research (ASBMR), Phoenix, Arizona, October 12-16, 2001. *Journal of Bone and Mineral Research* 16:S520-S520 Suppl. 1 SEP 2001.
125. Papadimitropoulos E, Adachi J, Ioannidis G, Berger C, Pickard L, Prior J, Hanley D, Olszynski W, Murray T, Anastassiades T, Brown T, Kirkland S, Joyce C, **Joseph L**, Papaioannou A, Poliquin S, Tenenhouse A. The impact of osteoporotic fractures on Health Related Quality of Life (HRQL) as measured by the Health Utilities Index. Twenty-First Annual Meeting of the American Society for Bone and Mineral Research (ASBMR), Phoenix, Arizona, October 12-16, 2001. *Journal of Bone and Mineral Research* 16:S393-S393, Suppl. 1 SEP 2001.
126. Hitchcock CL, Kramer L, Petit MA, **Joseph L**, Barr SI, McKay HA, Vigna YM, Berger C, Lentle B, Prior JC, Weight cycling - A population risk factor for past fragility fracture: Data from the Canadian multicentre osteoporosis study. Twenty-First Annual Meeting of the American Society for Bone and Mineral Research (ASBMR), Phoenix, Arizona, October 12-16, 2001. *Journal of Bone and Mineral Research* 16:S395-S395, Suppl. 1 SEP 2001.
127. Brown J, Ioannidis G, Berger C, Pickard L, Prior J, Hanley D, Olszynski W, Murray T, Anastassiades T, Kirkland S, Joyce C, **Joseph L**, Papaioannou A, Poliquin S, Tenenhouse A, Adachi J. The impact of co-morbid conditions on bone mineral density and vertebral deformities in community dwelling men and women across Canada. Twenty-First Annual Meeting of the American Society for Bone and Mineral Research (ASBMR), Phoenix, Arizona, October 12-16, 2001.
128. Berard A, Adachi J, Berger C, **Joseph L**. Corticosteroid and hormone replacement therapy use in patients with rheumatoid arthritis: Their effect on bone mineral density and fractures. Twenty-First Annual Meeting of the American Society for Bone and Mineral Research (ASBMR), Phoenix, Arizona, October 12-16, 2001. *Journal of Bone and Mineral Research* 16:S552-S552 Suppl. 1 SEP 2001.
129. Kirkland SA, Kreiger N, Stanfield B, Vigna Y, **Joseph L**. Determinants of response in a population-based study of osteoporosis. *American Journal of Epidemiology*. 153(11):263, Suppl. S JUN 1 2001.
130. Beck C, **Joseph L**, Eisenberg MJ, Huynh T, Diodati JG, Racine N, Charbonneau F, Levesque C, Lauzon C, Carignan S, Dion D, Roux R, Pouliot J, Pilote L. Predictors of quality of life 6 months and 1 year after acute myocardial infarction. *Journal of the American College of Cardiology* 37(2):491A-491A, Suppl. A FEB 2001.
131. Pilote L, Huynh T, **Joseph L**, Diodati JG, Racine N, Charbonneau F, Levesque C, Lauzon C, Carignan S, Dion D, Roux R, Joel P, Eisenberg MJ. A prospective cohort study of quality of life after acute myocardial infarction at sites with and without coronary angiography *Journal of the American College of Cardiology* 37(2):491A-491A, Suppl. A FEB 2001.

132. Pilote L, **Joseph L**, Belisle P, Penrod JR, Eisenberg MJ Universal health insurance coverage does not eliminate inequities in access to cardiac procedures after acute myocardial infarction *Journal of the American College of Cardiology* 37(2):497A-497A, Suppl. A FEB 2001.
133. \*Dendukuri N, **Joseph L**. Bayesian sample size methods for two diagnostic tests in the absence of a gold standard. *Statistical Society of Canada Annual Meeting*, June 2001.
134. \*Bernatsky S, Clarke A, Boivin JF, St. Pierre Y, **Joseph L**, Rajan R. The Prevalence of Factors Influencing Cancer Risk in Lupus: Social Habits, Reproductive Issues, and Obesity. *Arthritis Rheum* 2001; 44(9S):1148.
135. \*Bernatsky S, Clarke A, Boivin JF, St. Pierre Y, **Joseph L**, Rajan R. The Prevalence of Factors Influencing Cancer Risk in Lupus: Social Habits, Reproductive Issues, and Obesity *Canadian Arthritis Network Annual Meeting*, Toronto, Nov.3 2001
136. \*Bernatsky S, Clarke A, Boivin JF, **Joseph L**, Rajan R, St. Pierre Y. The Sensitivity and Specificity of Methods of Cancer Ascertainment in a Clinical SLE Cohort. *Canadian Arthritis Network Annual Meeting*, Toronto, Nov.3 2001
137. Papadimitropoulos E, Adachi J, Ioannidis G, Berger C, Pickard L, Prior J, Hanley D, Olszynski W, Murray T, Anastassiades T, Brown J, Kirkland S, Joyce C, **Joseph L**, Papaioannou A, Poliquin S, Tenenhouse A. The impact of osteoporotic fractures on Health Related Quality of Life (HRQL) as measured by the health utilities index. *Arthritis and Rheumatism* 2001;44(9):1215(S).
138. \*Bernatsky S, Clarke A, Boivin JF, St. Pierre Y, **Joseph L**, Rajan R. The Prevalence of Factors Influencing Cancer Risk in Lupus : Social Habits, Reproductive Issues, and Obesity. *American College of Rheumatology Scientific Congress*, San Francisco, Nov.12 2001
139. \*Bernatsky S, Clarke A, Boivin JF, St. Pierre Y, **Joseph L**, Rajan R. The Prevalence of Factors Influencing Cancer Risk in Lupus. *SLE:Targets for New Therapeutics*, A Scientific Conference. Bethesda, Jan. 10-12 2002.
140. \*Romugnuolo J, Barkun A, Reinhold C, **Joseph L**, Barkun J. MRCP versus ERCP: An Interim Analysis of a Randomized Cost-Effectiveness Trial. *World Congress of Gastroenterology*, Bangkok, Thailand, February 24 - March 1, 2002.
141. Fautrel B, St Pierre Y, Rozenberg S, Rossignol M, Bourgeois P, **Joseph L**, Adam V, Penrod J, Clarke A. Use of complementary and alternative medicine (CAM) by patients with chronic back problems. *Arthritis and Rheumatism* 2001;44(9):1601(S).
142. \*Carabin H, Escalona M, Marshall C, Vivas-Martinez S, Botto C, **Joseph L**, Basanez M. A Bayesian hierarchical approach to predicting community disease prevalence: An example using human onchocerciasis infection in the Amazonian focus. *16th Annual World Congress in Epidemiology*, Montreal, Quebec, August 18-22, 2002.
143. \*Bernatsky S, Clarke A, **Joseph L**, Bélisle P, Boivin J, Rajan R. A Bayesian approach to the estimation of the sensitivity and specificity of cancer ascertainment methods. *16th Annual World Congress in Epidemiology*, Montreal, Quebec, August 18-22, 2002.
144. \*Bernatsky S, Ramsey-Goldman R , **Joseph L**, Boivin J, Rajan R, Moore A, Clarke A, Rajan R. Do traditional risk factors account for excess breast cancer cases in women with systemic lupus erythematosus? *American College of Rheumatology Annual Scientific Meeting*, New Orleans, October 25-29, 2002.

145. Kirkland S, Kreiger N, **Joseph L**, Stanfield B, Tenenhouse A, and the CaMos Research Group. Determinants of response in a population-based longitudinal study: the Canadian Multi-Centre Osteoporosis Study. 2nd Conference on Epidemiological Longitudinal Studies, Oulu, Finland, June 2002.
146. Pilote L, Beck C, Merrett P, Zhang X, **Joseph L**. Non-clinical determinants of variation in the use of lipid-lowering drugs after acute myocardial infarction. Canadian Cardiovascular Society, 55th Annual Meeting, October 20-23, 2002, Edmonton Alberta, Canada.
147. \*Kulaga S, Behr M, Nguyen D, Westley J, Menzies D, Brassard P, Thibert L, Boivin J, **Joseph L**, Schwartzman K. Diversity of *M. tuberculosis* DNA “fingerprints” among an immigrant population in Montreal: Evidence against a founder effect. 33<sup>rd</sup> The International Union Against Tuberculosis and Lung Disease (IUATLD) World Conference on Lung Health, Montreal, October 2002.
148. \*Kulaga S, Nguyen D, Westley J, Menzies D, Brassard P, Thibert L, **Joseph L**, Boivin J, Schwartzman K, Behr M,. Application of genetic distances to the study of TB molecular epidemiology in Montreal. 33<sup>rd</sup> The International Union Against Tuberculosis and Lung Disease (IUATLD) World Conference on Lung Health, Montreal, October 2002.
149. Fortin P, Kassis J, Neville C, Chang E, **Joseph L**, Rauch J. The persistence of anticardiolipin antibody over time is associated with a higher likelihood of the presence of lupus anticoagulant or anti-beta2-glycoprotein1 antibodies. 10th International Conference on Antiphospholipid Antibodies Sicily, Italy, September 29 - October 3, 2002.
150. Clarke A, Petri M, Manzi S, Isenberg D, Gordon C, Senecal J, St Pierre Y, Penrod J, **Joseph L**, Fortin P, Sutcliffe N, Goulet J, Choquette D, Grodzicky T. The SLE Tri-Nation Study: Similar health care expenditure and health outcome across countries. American College of Rheumatology Annual Scientific Meeting, New Orleans, October 25-29, 2002.
151. Clarke A, Petri M, Manzi S, Isenberg D, Gordon C, Senecal J, St Pierre Y, Penrod J, **Joseph L**, Fortin P, Sutcliffe N, Goulet J, Choquette D, Grodzicky T. The SLE Tri-Nation Study: Developing a model to predict long-term health care expenditure and disease damage. American College of Rheumatology Annual Scientific Meeting, New Orleans, October 25-29, 2002.
152. Fortin P, Penrod J, Clarke A, St-Pierre Y, **Joseph L**, Bélisle P, Liang M, Ferland D, Phillips C, Mahomed N, Tanzer M, Sledge C, Fossel A, Katz J. Timing for total joint replacement affects patient outcomes. 70<sup>th</sup> Annual Meeting of the American Academy of Orthopaedic Surgeons, New Orleans, Louisiana, February 5-9, 2003.
153. \*Murphy T, Greenwood C, **Joseph L**, Laprise C, Hudson T. Genetic determinants of asthma: incorporating epidemiologic estimates in genetic-model-based linkage analysis. 99th International Conference of the American Thoracic Society, May 16-21, 2003, Seattle, Washington.
154. Adachi J, Ioannidis G, Papaioannou A, Tenenhouse A, Prior J, **Joseph L**, Hanley D, Olszynski W, Brown J, and the CaMos Research Group. Patient characteristics that predict the time to first clinically recognized vertebral deformity in postmenopausal women enrolled in the Canadian Multicentre Osteoporosis Study (CaMos). International Bone and Mineral Society & Japan Bone and Mineral Society Joint Meeting June 3-7, 2003, Osaka, Japan.
155. Papadimitropoulos E, Adachi J, Pickard L, Prior J, **Joseph L**, Anastassiades T, Hopman W, Papaioannou A, Tenenhouse A, and the CaMos Research Group. The association between osteoporotic fractures and health related quality of life (HRQL) as measured by the Health Utilities Index Mark II and Mark III systems. International Bone and Mineral Society & Japan Bone and Mineral Society Joint Meeting June 3-7, 2003, Osaka, Japan.

156. Brown J, Ioannidis G, Papaioannou A, Tenenhouse A, Prior J, **Joseph L**, Hanley D, Olszynski W, Adachi J, and the CaMos Research Group. Risk factors that predict the time to first non-vertebral fracture in postmenopausal women recruited from the Canadian Multicentre Osteoporosis Study (CaMos). International Bone and Mineral Society & Japan Bone and Mineral Society Joint Meeting June 3-7, 2003, Osaka, Japan.
157. \*Bernatsky S, Ramsey-Goldman R, Boivin J-F, **Joseph L**, Moore AD, Rajan R, Clarke A. Traditional Gail Model Risk Factors in Women with Lupus. Canadian Rheumatology Association Annual Meeting, Mount Tremblant, Quebec, February 27, 2003.
158. \*Bernatsky S, Clarke A, Boivin JF, **Joseph L**, Rajan R, Urowitz M, Gladman G, Bae S, Gordon C, Sibley J, Isenberg D, Rahman A, El-Gabalawy H, Hanly J, Pope J, Ramsey-Goldman R Geographical and racial factors relating to cancer occurrence in systemic lupus (SLE). Arthritis Foundation Research Conference, Keystone, Colorado, June 27-29, June 2003.
159. \*Bernatsky S, Clarke A, Boivin J-F, **Joseph L**, Rajan R, Gordon C, Ramsey-Goldman R. Does hormone replacement therapy (HRT) explain increased breast cancer in women with lupus when other reproductive factors are accounted for? Arthritis Foundation Research Conference, Keystone, Colorado, June 27-29, 2003.
160. Brown J, Ioannidis G, Berger C, Hanley D, Prior J, **Joseph L**, Olszynski W, Papaioannou A, Pickard L, Murray T, Tenenhouse A, Anastassiades T, Hopman W, Kirkland S, Joyce C, Poliquin S, Kreiger N, Adachi J, and the CaMos Research Group. Risk factors that predict three year incident non-vertebral fragility fracture in menopausal women in the Canadian Multicentre Osteoporosis Study (CAMOS). 30th European Symposium on Calcified Tissues, 8-12 May 2003, Rome, Italy.
161. Ioannidis G, Papadimitropoulos E, Berger C, Papaioannou A, Brown J, **Joseph L**, Hanley D, Olszynski W, Prior J, Pickard L, Murray T, Tenenhouse A, Anastassiades T, Hopman W, Kirkland S, Joyce C, Poliquin S, Kreiger N, Adachi J, and the CaMos Research Group. The relationship among osteoporotic fractures and health related quality of life (HRQL) as measured by the health utilities index Mark II and Mark III systems. 30th European Symposium on Calcified Tissues, 8-12 May 2003, Rome, Italy.
162. Olszynski W, Ioannidis G, Berger C, Papadimitropoulos E, Prior J, **Joseph L**, Hanley D, Pickard L, Murray T, Brown J, Tenenhouse A, Anastassiades T, Hopman W, Kirkland S, Joyce C, Poliquin S, Kreiger N, Adachi J, and the CaMos Research Group. Participant characteristics that predict 3-year incident clinically recognized vertebral deformity in menopausal women enrolled the Canadian Multicentre Osteoporosis Study (CAMOS). 30th European Symposium on Calcified Tissues, 8-12 May 2003, Rome, Italy.
163. \*Bernatsky S, Ramsey-Goldman R, Boivin J, **Joseph L**, Rajan R, Moore A, Clarke A. Cancer stage at time of detection in SLE ACR/ARHP Annual Scientific Meeting 2003, October 24 - 28, 2003, Orange County Convention Center, Orlando Florida.
164. \*Bernatsky S, Clarke A, Gordon C, **Joseph L**, Boivin J, Rajan R, Moore A, Allen A, Leung M, Ramsey-Goldman R. Does Breast Cancer Risk in SLE Differ According to History of Hormone Replacement Therapy (HRT) Exposure When Other Reproductive Factors Are Accounted For? ACR/ARHP Annual Scientific Meeting 2003, October 24 - 28, 2003, Orange County Convention Center, Orlando Florida.
165. \*Bernatsky S, Clarke A, Boivin J, **Joseph L**, Rajan R, Manzi S, Urowitz M, Gladman D, Fortin P, Gordon C, Bae S, Sibley J, Edworthy S, Barr S, Isenberg D, Rahman A, El-Gabalawy H, McCarthy T, Hanly J, Pope J, Sturfelt G, Nived O, St. Pierre Y, Ramsey-Goldman R. Racial factors relating to cancer occurrence in systemic lupus (SLE). ACR/ARHP Annual Scientific Meeting 2003, October 24 - 28, 2003, Orange County Convention Center, Orlando Florida.

166. \*Bernatsky S, Ramsey-Goldman R, Boivin J, **Joseph L**, Rajan R, Zoma A, Manzi S, Urowitz M, Gladman D, Fortin P, Gordon C, Bae S, Sibley J, Edworthy S, Barr S, Isenberg D, Rahman A, El-Gabalawy H, Senecal J, Zummer M, Steinsson K, Hanly J, Pope J, Nived O, Clarke A. Cancer in Systemic Lupus Erythematosus (SLE): An International Multi-Centre Cohort Study ACR/ARHP Annual Scientific Meeting 2003, October 24 - 28, 2003, Orange County Convention Center, Orlando Florida.
167. Kapusy T, Sunderland M, Lavoie F, Clarke A, **Joseph L**, Penrod J, Carolis E. Reduced incidence of adverse events and better dyspepsia-related health during treatment with Celecoxib compared to traditional NSAIDs in subjects with osteoarthritis of the hip and/or knee when used in a naturalistic setting. Tibor Kapusy<sup>1</sup>, Marc Sunderland<sup>1</sup>, Frédéric Lavoie<sup>1</sup>, Ann Clarke<sup>2</sup>, Lawrence Joseph<sup>2</sup>, John Penrod<sup>2</sup>, Emidio De Carolis ACR/ARHP Annual Scientific Meeting 2003, October 24 - 28, 2003, Orange County Convention Center, Orlando Florida.
168. Papaioannou A, Ioannidis G, Brown J, Berger C, Hanley D, Prior J, **Joseph L**, Olszynski W, Murray T, Tenenhouse A, Anastassiades T, Kirkland S, Joyce C, Poliquin S, Kreiger N, Siminoski K, Adachi J. Risk Factors That Predict New Non-Vertebral Fracture In Postmenopausal Women: The Canadian Multicentre Osteoporosis Study (CaMos). Twenty-Fifth Annual Meeting of the American Society for Bone and Mineral Research (ASBMR), September 19-23, 2003, Minneapolis, Minnesota.
169. Olszynski W, Ioannidis G, Berger C, Papaioannou A, Prior J, **Joseph L**, Hanley D, Murray T, Brown J, Tenenhouse A, Anastassiades T, Kirkland S, Joyce C, Poliquin S, Kreiger N, Siminoski K, Adachi J. Participant Characteristics that Predict New Clinically Recognized Vertebral Fracture in Postmenopausal Women: The Canadian Multicentre Osteoporosis Study (CaMos). Twenty-Fifth Annual Meeting of the American Society for Bone and Mineral Research (ASBMR), September 19-23, 2003, Minneapolis, Minnesota.
170. Ioannidis G, Brown J, Berger C, Hanley D, Prior J, **Joseph L**, Olszynski W, Pickard L, Murray T, Tenenhouse A, Anastassiades T, Hopman W, Kirkland S, Joyce C, Papaioannou A, Cranney A, Johnell O, Adachi J. Predicting Previous Fracture With The Health Utilities Index (HUI) Mark II and III Systems in Both Women and Men: The Canadian Multicentre Osteoporosis Study (CaMos). Twenty-Fifth Annual Meeting of the American Society for Bone and Mineral Research (ASBMR), September 19-23, 2003, Minneapolis, Minnesota.
171. Brown J, Ioannidis G, Papaioannou A, Berger C, Hanley D, Prior J, **Joseph L**, Olszynski W, Murray T, Tenenhouse A, Anastassiades T, Kirkland S, Joyce C, Poliquin S, Kreiger N, Siminoski K, Adachi J. Characteristics that predict new fragility non-vertebral fracture in postmenopausal women who are enrolled in the Canadian Multicentre Osteoporosis Study (CaMos). ACR/ARHP Annual Scientific Meeting 2003, October 24 - 28, 2003, Orange County Convention Center, Orlando Florida.
172. Adachi J, Ioannidis G, Brown J, Berger C, Hanley D, Prior J, **Joseph L**, Olszynski W, Picard L, Murray T, Tenenhouse A, Anastassiades T, Hopman w, Kirkland S, Joyce C, Papaioannou A, Cranney A, Papadimitropoulos A. Predicting a past fracture with the health utilities index (hui) mark ii and iii in both women and men who are enrolled in the Canadian Multicentre Osteoporosis Study (CaMos). ACR/ARHP Annual Scientific Meeting 2003, October 24 - 28, 2003, Orange County Convention Center, Orlando Florida.
173. Olszynski W, Ioannidis G, Berger C, Prior J, **Joseph L**, Hanley D, Murray T, Brown J, Tenenhouse A, Anastassiades T, Kirkland S, Joyce C, Poliquin S, Kreiger N, Siminoski K, Adachi J. Participant characteristics of postmenopausal women that predict new clinically recognized vertebral fracture in a three-year observational study: The Canadian Multicentre Osteoporosis Study (CaMos). ACR/ARHP Annual Scientific Meeting 2003, October 24 - 28, 2003, Orange County Convention Center, Orlando Florida.

174. \*Scott A, Westley J, Nguyen D, Thibert L, Tannenbaum T, Brassard P, Kozak R, Purdy M, **Joseph L**, Menzies D, Schwartzman K, Behr M. Sensitivity and specificity of spoligotyping and MIRU-VNTR typing in tuberculosis molecular epidemiology in a low incidence area. 35<sup>th</sup> World Conference of the International Union Against Tuberculosis and Lung Disease, November 28, 2004.
175. Neville C, Rauch J, Kassis J, **Joseph L**, Bélisle P, Le Comte M, Fortin P. Persistent anticardiolipin antibodies are associated with a higher likelihood of lupus anticoagulant or anti-2-glycoprotein I antibodies. 7th International Congress on SLE and Related Conditions. New York, NY May 9-13, 2004.
176. Fortin P, Kassis J, Neville C, **Joseph L**, Chang E, Bélisle P, Le Comte M, Rauch J. The presence of antiphospholipid antibody predicts new thrombosis at four years in a high-risk population. 7th International Congress on SLE and Related Conditions. New York, NY May 9-13, 2004.
177. Panopalis P, Petri M, Manzi S, Isenberg D, Gordon C, Senecal J, Penrod J, **Joseph L**, St. Pierre Y, Pineau C, Fortin P, Sutcliffe N, Goulet J, Choquette D, Grodzicky T, Esdaile J, Clarke A. Increased Health Care Costs in the US is Not Linked to Superior Health Outcomes or Greater Productivity. ACR/ARHP Annual Scientific Meeting 2004, October 16-21 2004, San Antonio, Texas.
178. Neville C, Solymoss S, Rauch J, Kassis J, **Joseph L**, Bélisle P, Chang E, Subang R, Le Comte M, Fortin P. Are Endothelial Markers Associated with New Thrombosis? 11th International Congress on Antiphospholipid Antibodies, November 14 to 18, 2004, Sydney, Australia.
179. Fortin P, Solymoss S, Kassis J, **Joseph L**, Neville C, Bélisle P, Subang R, Leconte M, Rauch J. Endothelial Markers, Antiphospholipid Antibodies and Thrombosis - A Nested Case-Control Study. ACR/ARHP Annual Scientific Meeting 2004, October 16-21 2004, San Antonio, Texas.
180. Fortin P, Kassis J, **Joseph L**, Neville C, Bélisle P, Chang E, Subang R, le Comte M, Rauch J. Endothelial Markers, Antiphospholipid Antibodies and Thrombosis - A Nested Case-Control Study. ACR/ARHP Annual Scientific Meeting 2004, October 16-21 2004, San Antonio, Texas.
181. \*Bernatsky S, Ramsey-Goldman R, Boivin J, **Joseph L**, Rajan R, Zoma A, Manzi A, Ginzler E, Urowitz M, Gladman M, Fortin P, Petri M, Edworthy S, Gordon C, Bae S, Sibley J, Isenberg D, Aranow C, Dooley M, Steinsson K, Nived O, Sturfelt G, Alarcon G, Clarke A. An International Cohort Study of Cancer in Systemic Lupus Erythematosus (SLE). ACR/ARHP Annual Scientific Meeting 2004, October 16-21 2004, San Antonio, Texas.
182. \*Bernatsky S, Clarke A, Rajan R, Boivin J, **Joseph L**, Lachance S, Cournoyer D, Zoma A, Manzi A, Ginzler E, Urowitz M, Gladman M, Fortin P, Edworthy S, Barr S, Gordon C, Sibley J, Nived O, Sturfelt G, St. Pierre Y, Ramsey-Goldman R. Non-Hodgkin's Lymphoma in Systemic Lupus Erythematosus. ACR/ARHP Annual Scientific Meeting 2004, October 16-21 2004, San Antonio, Texas.
183. \*Hudson P, Allard R, **Joseph L**, Valiquette L. Vaccine coverage of 2-year-old children in Montreal in 2003. 6<sup>th</sup> Canadian National Immunization Conference, Montreal, Quebec, December 2004.
184. \*Zappitelli M, **Joseph L**, Boivin J, Bell L, Paradis G. Derivation of a New Prediction Equation for Glomerular Filtration Rate in Children. Pediatric Academic Societies' Annual Meeting in Washington, DC, May 14-17, 2005.
185. \*Zappitelli M, **Joseph L**, Boivin J, Paradis G, Bell L. Derivation of a Cystatin-Based GFR Prediction Formula. Pediatric Academic Societies' Annual Meeting in Washington, DC, May 14-17, 2005.
186. \*Bernatsky S, Ramsey-Goldman R, Boivin J, **Joseph L**, Manzi A, Ginzler E, Urowitz M, Barr S, Petri M, Gordon C, Bae S, Isenberg D, Zoma A, Aranow C, Dooley D, Nived O, Alarcon G, Steinsson K, Gladman M, Fortin P, Rahman A, Edworthy S, Sibley J, Sturfelt G, Hanly J, Senecal J, Zimmer

- M, Ensworth S, Pope J, Sibley J, Rajan R, El-Gabalawy H, McCarthy T, Clarke A. Mortality in Systemic Lupus Erythematosus (SLE): Risk according to age, sex, SLE duration, and geographic location. ACR/ARHP Annual Scientific Meeting November 13-17, 2005, San Diego, California.
187. Yu J, Clarke A, Verreault N, Nicolas N, **Joseph L**, St. Pierre Y, Kagan R. Accidental ingestions in peanut allergic children. ACR/ARHP Annual Scientific Meeting November 13-17, 2005, San Diego, California. *Journal of Allergy and Clinical Immunology* 2005;115:S36.
188. Verreault N, Kagan R, Yu J, Nicolas N, St-Pierre Y, **Joseph L**, Hourihane J, Clarke A. Quality of life of children with peanut allergy. ACR/ARHP Annual Scientific Meeting November 13-17, 2005, San Diego, California. *Journal of Allergy and Clinical Immunology* 2005;115:S37.
189. \*Scott A, **Joseph L**, Behr M, Bélisle P, Thibert L, Westley J, Brassard P, Tannenbaum T, Menzies R, Schwartzman K. Ability of Mycobacterium tuberculosis genotyping techniques to detect "clustered" isolates, in the absence of a gold standard. International Meeting on Microbial Epidemiological Markers. May 11-14, 2005, Victoria, BC.
190. \*Bernatsky S, Boivin J, **Joseph L**, Rajan R, St. Pierre Y, Ramsey-Goldman R, Clarke A. Mortality in systemic lupus erythematosus: risk according to cause, age, sex, and lupus duration. ACR/ARHP Annual Scientific Meeting November 13-17, 2005, San Diego, California.
191. \*Bernatsky S, Boivin J, **Joseph L**, Rajan R, St. Pierre Y, Ramsey-Goldman R, Clarke A. The influence of geographical and racial/ethnic factors on mortality risk in systemic lupus erythematosus. ACR/ARHP Annual Scientific Meeting November 13-17, 2005, San Diego, California.
192. \*Bernatsky S, Boivin J, **Joseph L**, Rajan R, St. Pierre Y, Ramsey-Goldman R, Clarke A. Trends in relative mortality rates for systemic lupus erythematosus over calendar time. ACR/ARHP Annual Scientific Meeting November 13-17, 2005, San Diego, California.
193. \*Richards J, **Joseph L**, Goltzman D. The Effect of Cyclooxygenase-2 Inhibitors on Bone Mineral Density: Results from the CaMos Study. 27<sup>th</sup> Annual Meeting, American Society for Bone and Mineral Research, September 23-27, 2005, Nashville, Tennessee.
194. Pineau C, Huynh T, Bernatsky S, St-Pierre Y, **Joseph L**, Clarke A. Prolongation of the Corrected QT Interval in Anti-Ro/SSA Positive Adults with SLE. ACR/ARHP Annual Scientific Meeting November 13-17, 2005, San Diego, California.
195. \*da Silveira E, Waschke K, Barkun A, **Joseph L**, Adam V, Oxlade O. Cost-effectiveness decision analysis comparing covered to uncovered self-expandable metal stents to elective or on-demand polyethylene stent changes in patients with distal biliary malignant obstruction. *Gastrointestinal Endoscopy* 2005;61(5):T1247.
196. \*da Silveira E, Barkun A, Lam E, **Joseph L**, Martel M, Bensoussan K. Predictors of time to endoscopy in acute non-variceal upper gastrointestinal bleeding using the RUGBE data. *Gastrointestinal Endoscopy* 2005;61(5):M1271.
197. Banerjee D, Kagan R, Turnbull E, **Joseph L**, St. Pierre Y, Dufresne C, Gray-Donald K, Clarke A. Lunch guidelines are effective in reducing peanut substances in primary school classrooms in Montreal, Canada. 2006 American Academy of Allergy, Asthma, and Immunology Annual Meeting, March 3-7, 2006, Miami Beach, Florida. *Journal of Allergy and Clinical Immunology* 2006;117:S36.
198. \*Richards B, Leslie B, **Joseph L**, Adachi J, Brown J, Hanley D, Papaioannou A, Prior J, Siminoski K, Tenenhouse A, Goltzman D. A comparison of fracture risk classification systems and estimated rates of treatable osteoporosis. International Osteoporosis Foundation World Congress on Osteoporosis, June 2 to 6, 2006, Toronto Ontario.

199. \*Richards B, Papaioannou A, Adachi J, **Joseph L**, Whitson H, Prior J, Goltzman D. The impact of selective serotonin reuptake inhibitors on the risk of fractures. International Osteoporosis Foundation World Congress on Osteoporosis, June 2 to 6, 2006, Toronto Ontario.
200. \*Poliquin S, **Joseph L**, Gray-Donald K. Calcium and vitamin D intake in a Canadian population: Results from the Canadian Multicentre Osteoporosis Study. International Osteoporosis Foundation World Congress on Osteoporosis, June 2 to 6, 2006, Toronto Ontario.
201. \*Ishak J, Platt R, **Joseph L**, Hanley J, Caro J. Meta-Analysis of Longitudinal Studies. 27th Annual Meeting of the Society for Clinical Trials, May 21-24, 2006, Orlando, Florida. *Clinical Trials* 2006;3(2):163-247
202. \*Ladouceur M, Rahme E, Pineau C, **Joseph L**. Robustness of Prevalence Estimates Derived from Misclassified Data from Administrative Databases. 23rd International Biometric Conference, July 16-21, 2006, Montreal, Canada.
203. \*Richards J, Papaioannou A, Adachi J, **Joseph L**, Whitson H, Prior J, Goltzman D. The use of selective serotonin reuptake inhibitors and fragility fractures: results from the CaMOS study. 28th Annual Meeting of the American Society for Bone and Mineral Research. September 15 to 19, 2006, Philadelphia, Pennsylvania.
204. \*Bernatsky S, Clarke A, **Joseph L**, Pineau C, Tamblyn R, Feldman D, St. Pierre Y. Case Ascertainment of Systemic Lupus Erythematosus using Administrative Data. ACR/ARHP Annual Scientific Meeting, November 10-15, 2006, Washington DC.
205. Pineau C, Clarke A, Bernatsky S, **Joseph L**, St-Pierre Y, Huynh T. Clinical Features Associated With Mitral Valve Abnormalities in Patients with SLE. Annual Scientific Meeting, November 10-15, 2006, Washington DC.
206. Tarafder M, Carabin H, Alday P, Balolong E, **Joseph L**, Bélisle P, Tallo V, Gonzales R, Olveda R, McGarvey S. Factors influencing one-year incidence of *Schistosoma japonicum* infection in humans after mass treatment, Samar Province, the Philippines. American Society of Tropical Medicine & Hygiene Annual Meeting, November 12-16, 2006, Atlanta, Georgia.
207. \*Ladouceur M, Rahme E, Pineau C, **Joseph L**. Robustness of prevalence estimates derived from misclassified data from administrative databases. 23rd International Biometric Conference, July 16-21, 2006, Montreal, Canada.
208. \*Lu Y, Dendukuri N, **Joseph L**. Bayesian estimation of diagnostic test parameters in the presence of verification bias. 23rd International Biometric Conference, July 16-21, 2006, Montreal, Canada.
209. Eisenberg M, Yavin M, Filion K, Bélisle P, **Joseph L**, Gervais A, O’Loughlin J, Paradis G, Rinfret S, Pilote L. A Hierarchical Bayesian Meta-Analysis of Randomized Controlled Trials of Smoking Cessation Pharmacotherapies. American Heart Association Annual Meeting, November 12-15, 2006, Chicago, Illinois.
210. Grandi S, Gervais A, **Joseph L**, O’Loughlin J, Paradis G, Pilote L, Rinfret S, Sarraf-Zadegan N, Sharma S, Eisenberg MJ. High 9-Week Smoking Relapse Rates in Patients Immediately Following an Acute Coronary Syndrome. American Heart Association Annual Meeting, November 12-15, 2006, Chicago, Illinois.
211. Grandi S, Gervais A, **Joseph L**, O’Loughlin J, Paradis G, Pilote L, Rinfret S, Sarraf-Zadegan N, Sharma S, Eisenberg MJ. Smoking Cessation Following an Acute Coronary Syndrome. The 2<sup>nd</sup> Annual Invitational Symposium for Research to Inform Tobacco Control, November 9-11, 2006, Toronto, Ontario.

212. Eisenberg MJ, Yavin D, Filion K, Bélisle P, **Joseph L**, Gervais A, O'Loughlin J, Paradis G, Rinfret S, Pilote L. A Hierarchical Bayesian Meta-Analysis of Randomized Controlled Trials of Smoking Cessation Pharmacotherapies. The 2<sup>nd</sup> Annual Invitational Symposium for Research to Inform Tobacco Control, November 9-11, 2006, Toronto, Ontario.
213. Mottillo S, Filion K, Gervais A, **Joseph L**, O'Loughlin J, Paradis G, Pihl R, Pilote L, Rinfret S, Tremblay M, Eisenberg M. A Meta-Analysis of Smoking Cessation Behavioral Interventions. 56<sup>th</sup> American College of Cardiology Scientific Sessions, March 24-27, 2007, New Orleans, Louisiana.
214. \*da Silveira E, Barkun A, Romagnuolo J, **Joseph L**, Reinhold C, Valois E, Martel M, Varano M, Barkun J. An economic evaluation from randomized trial data comparing ERCP to magnetic resonance cholangio-pancreatography (MRCP) in suspected biliary obstruction. Digestive Disease Week, May 19-24, 2007, Washington, DC.
215. Ben-Shoshan M, Kagan R, Alizadehfar R, **Joseph L**, Turnbull E, St. Pierre Y, Clarke A. Is the prevalence of peanut allergy increasing? A five-year follow-up study on the prevalence of peanut allergy in Montreal school children aged 5 to 9 years. AllerGen's 2nd Annual Research Conference, February 11-13, 2007, Hamilton, Ontario.
216. Dasgupta K, **Joseph L**, Pilote L, Chan C, Sigal R, Chan C, Da Costa D, Strachan I, Chanland D, Ross N. Walking associated with neighborhood characteristics in type 2 diabetes. American Diabetes Association 67<sup>th</sup> Scientific Sessions, June 22-26, 2007, Chicago, Illinois.
217. \*Vautour L, Goltzman D, Tenenhouse A, **Joseph L**. Beta-blocker Use, Bone Mineral Density and Fractures in the Canadian Multicentre Osteoporosis Study (CaMos). 17<sup>th</sup> Annual Meeting of the International Bone and Mineral Society, June 24-29, 2007, Montreal, Quebec.
218. Tarafder M, Gyorkos T, **Joseph L**, Carabin H. Effect of different definitions of population-time on estimation of risk of diarrhea and upper respiratory tract infections (URTI) in day-care center (DCC) setting. American Public Health Association Annual Meeting, November 3-7, 2007, Washington, D.C.
219. Grover S, Kaouache M, **Joseph L**. Estimating the risk of developing diabetes: A validated decision aid using Bayesian Model Averaging. 11th Annual CDA/CSEM Professional Conference and Annual Meetings, October 24-27, 2007 Vancouver, BC.
220. Langsetmo L, Berger C, Hanley D, Prior J, Brown J, Olszynski W, **Joseph L**, Tenenhouse A, Goltzman D. Longitudinal rate of change in bone mineral density by age for men and women. 29th Annual Meeting of the American Society for Bone and Mineral Research, September 16 - 20 2007, Honolulu, Hawaii.
221. \*Bernatsky S, Pineau C, **Joseph L**, Boivin J, St. Pierre Y, Clarke A. Inflammatory myositis in a large population-based sample; incidence, prevalence, and patient characteristics. American College of Rheumatology Annual Scientific Meeting, November 6-11 2007, Boston, Massachusetts.
222. \*Bernatsky S, Pineau C, **Joseph L**, Boivin J, St. Pierre Y, Clarke A. Scleroderma incidence and prevalence in a population-based sample. American College of Rheumatology Annual Scientific Meeting, November 6-11 2007, Boston, Massachusetts.
223. Clarke A, Panopalis P, Petri M, Manzi S, Isenberg D, Gordon C, Senecal J, **Joseph L**, St. Pierre Y, Li T. Systemic Lupus Erythematosus (SLE) Patients with Renal Involvement Incur Higher Health Care Costs. American College of Rheumatology Annual Scientific Meeting, November 6-11 2007, Boston, Massachusetts.

224. Mongeon F, Bélisle P, **Joseph L**, Eisenberg M, Rinfret S. A hierarchical Bayesian meta-analysis of thrombectomy in primary percutaneous coronary intervention. Canadian Cardiovascular Congress, October 20-24, 2007, Quebec City.
225. Hopman W, Berger B, **Joseph L**, Barr S, Gao Y, Prior J, Poliquin S, Towheed T, Anastassiades T. The association between body mass index and health-related quality of life: Data from CaMos, a stratified population study. 14th Annual Conference of the International Society for Quality of Life Research October 10-13, 2007, Toronto, Ontario.
226. Grandi S, Gervais A, **Joseph L**, O'Loughlin J, Paradis G, Pilote L, Rinfret S, Sarrafzadegan N, Sharma S, Lauzon C, Ghannem H, Wightman H, Lutchmedial S, Picard J, Giannoccaro P, Huynh T, Diodati J, Grondin F, Klinke P, Wielgosz A, Abramson B, Eisenberg M. Smoking Cessation Following Acute Coronary Syndrome. American Heart Association 61st Annual Meeting, November 4-7, 2007, Orlando, Florida.
227. \*Filion K, Bélisle P, **Joseph L**, Gervais A, O'Loughlin J, Paradis G, Pilote L, Rinfret S, Eisenberg M. The Efficacy of Varenicline as a Smoking Cessation Therapy: A Meta-Analysis. American Heart Association 61st Annual Meeting, November 4-7, 2007, Orlando, Florida.
228. Grandi S, Filion K, Gervais A, **Joseph L**, O'Loughlin J, Paradis G, Pilote L, Rinfret S, Sarrafzadegan N, Sharma S, Lauzon C, Gamra H, Wightman H, Lutchmedial S, Picard J, Giannoccaro P, Huynh T, Diodati J, Grondin F, Klinke P, Wielgosz A, Abramson B, Eisenberg M. Coronary Revascularization Does Not Impact Smoking Cessation in Patients Following an Acute Coronary Syndrome. American Heart Association 61st Annual Meeting, November 4-7, 2007, Orlando, Florida.
229. Neville C, Rauch J, Kassis J, Solymoss S, **Joseph L**, Belisle P, Subang R1 Fortin P. Antiphospholipid Antibodies Predict Future Arterial Events. American College of Rheumatology Annual Scientific Meeting, November 6-11 2007, Boston, Massachusetts.
230. \*Ben-Shoshan M, Kagan R, Primeau M, Alizadehfar R, Verreault N, Yu J, Nicolas N, **Joseph L**, Turnbull E, Dufresne C, St. Pierre Y, Clarke A. The availability of the epinephrine auto-injector in children with peanut allergy. Annual Scientific Meeting of the CSACI (Canadian Society of Allergy and Clinical Immunology), October 23-26, 2007.
231. \*Huynh T, Perron S, O'Loughlin J, **Joseph L**, Dery V, Tu J, Theroux P. Comparison of primary percutaneous coronary intervention and fibrinolytic therapy: Results of hierarchical Bayesian meta-analyses randomized controlled studies and observational studies. American Heart Association 61st Annual Meeting, November 4-7, 2007, Orlando, Florida.
232. \*Huynh T, Perron S, O'Loughlin J, **Joseph L**, Dery V, Tu J, Theroux P. Efficacy, effectiveness and safety of primary PCI and fibrinolytic therapy in ST-segment elevation myocardial infarction - Hierarchical meta-analyses of randomized controlled trials and observational studies. Canadian Cardiovascular Congress, October 20-24, 2007, Quebec City.
233. \*Cardinal H, Brophy J, Bogaty P, Boyer L, **Joseph L**, Madore F. Do soluble Fas and endothelial apoptotic microparticles predict recurrent cardiovascular events in patients with an acute coronary syndrome? Canadian Cardiovascular Congress, October 20-24, 2007, Quebec City.
234. \*Filion K, Bélisle P, **Joseph L**, Gervais A, O'Laughlin J, Paradis G, Pilote L, Rinfret S, Eisenberg M. Seeing through the smoke: is the se of placebo still ethical in trials examining smoking cessation pharmacotherapies? Society for Clinical Trials Annual Meeting, St. Louis, Mo., May 18-21, 2008.
235. Mongeon F, Bélisle P, **Joseph L**, Eisenberg M, Rinfret S. Primary Percutaneous Coronary Intervention in Acute Myocardial Infarction With or Without Thrombectomy: a Meta-Analysis. American College of Cardiology, 57th Annual Scientific Sessions, March 29 - April 1, 2008, Chicago, Illinois.

236. Wakil S, Filion K, Genest J, **Joseph L**, Pilote L, Poirier P, Rinfret S, Schiffrin E, Eisenberg M. A meta-analysis of the effect of weight loss pharmacotherapies on metabolic outcomes. American College of Cardiology, 57th Annual Scientific Sessions, March 29 - April 1, 2008, Chicago, Illinois.
237. Abenham H, Mottillo S, Fillion K, Bélisle P, Gervais A, **Joseph L**, O’Laughlin J, Paradis G, Pihl R, Pilote L, Rinfret S, Tremblay M, Eisenberg M. A systematic review and meta-analysis of smoking cessation behavioral interventions in pregnant women. Society for Maternal-Fetal Medicine, 28th Annual Meeting, January 28, 2008 - February 2, 2008 Dallas, Texas.
238. Dasgupta K, Manjoo P, Pilote L, **Joseph L**. Impact of walking on anthropometrics and impact of anthropometrics on glycemic control among men and women with type 2 diabetes. American Diabetes Association, 68th Annual Scientific Sessions, June 6 - 10, 2008, San Francisco, California.
239. Grandi S, Gervais A, **Joseph L**, O’Loughlin J, Paradis G, Pilote L, Rinfret S, Sarrafzadegan N, Sharma S, Lauzon C, Gamra H, Wightman H, Lutchmedial S, Picard J, Giannoccaro P, Huynh T, Diodati J, Grondin F, Klinke P, Wielgosz A, Abramson B, Schwarz N, Eisenberg M. Smoking cessation following acute coronary syndrome. American College of Cardiology, 57th Annual Scientific Sessions, March 29 - April 1, 2008, Chicago, Illinois.
240. Appenzeller S, Clarke A, Panopalis P, **Joseph L**, St. Pierre Y, Li T. The relationship between quality of life (QoL) and renal activity in systemic lupus erythematosus (SLE). The European League Against Rheumatism (EULAR) Congress, Paris, France, June 11-14, 2008.
241. Sheth S, Wasserman S, Kagan R, Alizadefar R, Primeau M, Elliot S, St. Pierre Y, Turnbull E, Wickett R, **Joseph L**, Harada L, Dufresne C, Allen M, Godefroy S, Clarke. Improving food labeling for the allergic consumer. 2008 Annual Meeting of the American Academy of Allergy, Asthma and Immunology, Philadelphia PA, March 14 to 18, 2008. *Journal of Allergy and Clinical Immunology* 2008;121:S183.
242. Appenzeller S, Clarke A, Panopalis P, **Joseph L**, St. Pierre Y, Li T. The relationship between quality of life and renal activity in systemic lupus erythematosus. American College of Rheumatology Annual Scientific Meeting, October 24-29 2008, San Francisco, California.
243. Lee C, DasGupta K, **Joseph L**. CVD risk in “yes diabetes-no CVD” vs. “no diabetes-yes CVD” among men & women: a meta-analysis. Canadian Diabetes Association Annual Meeting, October 15-18, 2008, Montreal, Quebec.
244. Manjoo P, **Joseph L**, Pilote L, Dasgupta K. Waist-to-hip associated with A1C in type 2 diabetes. CDA/CSEM Professional Conference, October 15-18, 2008, Montreal, Quebec.
245. \*Ben-Shoshan M, Kagan R, Primeau M, Alizadehfar R, Turnbull E, Harada L, Dufresne C, Allen M, **Joseph L**, St. Pierre Y, and Clarke A. Establishing the diagnosis of peanut allergy in children never exposed to peanut or with an uncertain history: a cross Canada study. Annual Scientific Meeting of the CSACI (Canadian Society of Allergy and Clinical Immunology), October 23 - 26, 2008, Hamilton, Ontario.
246. \*Ben-Shoshan M, Kagan R, Alizadehfar R, **Joseph L**, Turnbull E, St. Pierre Y, Clarke A. Is the prevalence of peanut allergy increasing? A five-year follow-up study on the prevalence of peanut allergy in Montreal school children aged 5 to 9 years. *Journal of Allergy and Clinical Immunology* 2008;121:S97.
247. Wakil S, Filion K, Genest J, **Joseph L**, Pilote L, Poirier P, Rinfret S, Schiffrin E, Eisenberg M. Weight loss pharmacotherapies: Are treatment effects maintained between 6 and 12 months? American Heart Association Scientific Sessions 2008, November 8-12, 2008, New Orleans.

248. Grandi S, Filion K, Gervais A, **Joseph L**, O’Loughlin J, Paradis G, Pilote L, Rinfret S, Sarrafzadegan N, Sharma S, Lauzon C, Gamra H, Wightman H, Lutchmedial S, Picard J, Giannoccaro P, Huynh T, Diodati J, Grondin F, Klinke P, Wielgosz A, Abramson B, Schwarz N, Eisenberg M. Baseline predictors of smoking at 52 weeks post-acute coronary syndrome. Israel Heart Society Conference, April 22-23, 2009, Tel-Aviv, Israel.
249. Grandi S, Filion K, Gervais A, **Joseph L**, O’Loughlin J, Paradis G, Pilote L, Rinfret S, Sarrafzadegan N, Sharma S, Lauzon C, Gamra H, Wightman H, Lutchmedial S, Picard J, Giannoccaro P, Huynh T, Diodati J, Grondin F, Klinke P, Wielgosz A, Abramson B, Schwarz N, Eisenberg M. Coronary revascularization does not impact smoking cessation in patients following an acute coronary syndrome. Israel Heart Society Conference, April 22-23, 2009, Tel-Aviv, Israel.
250. \*Nguyen-Luu N, Kagan R, Alizadehfar R, Primeau M, Ben-Shoshan M, **Joseph L**, Nicolas N, Harada L, Dufresne C, Allen M, Turnbull E, St.Pierre Y, Clarke A. Accidental exposure (AE) to peanut in children with peanut allergy. *Journal of Allergy and Clinical Immunology* 2008;121:S96.
251. \*Wyse J, Garipey G, **Joseph L**, Paquin S, Sahai A. EUS-FNA Without the Stylet: The Yield is Comparable to that with the Stylet and Sampling of Multiple Sites During the Same Pass May Improve Sample Quality and Yield. *Digestive Disease Week 2009*, May 30 - June 4, 2009, Chicago, Illinois.
252. \*Wyse J, **Joseph L**, Barkun A, Sewitch M. Use of procedure codes in a physician claims database: a validation study. 2009 Canadian Digestive Diseases Week and Fifth Annual CASL Winter Meeting, February 27 - March 2, 2009, Banff, Alberta.
253. \*Ben-Shoshan M, Harrington D, Sicherer S, Fragapane J, Soller L, **Joseph L**, St. Pierre Y, Godefroy S, Elliot S, Clarke A. The prevalence of sesame allergy: A cross-Canada study. *AllerGen 4th Annual Research Conference*, February 15, 2009, Ottawa, Ontario.
254. Morais J, Pereira S, Chiu W, Turner A, Huang A, Chevalier S, **Joseph L**. Profiling of geriatric day-hospital patients to improve efficiency of its use in frail elders. *Canadian Geriatrics Society Annual Scientific Meeting*, April 23- 25, 2009, Toronto, Ontario.
255. Harrington D, Elliot S, Clarke A, Godefroy S, **Joseph L**, St. Pierre Y, Fragapane J, Soller L, Ben-Shoshan M, Sicherer S. The peanut as a weapon of mass destruction? Analysis of the perceived risks of a new emerging health risk from a nationally representative sample of the Canadian population. *XIIIth International Symposium in Medical Geography*, July 12-17, 2009, Hamilton, Ontario.
256. Tarafder M, Carabin H, **Joseph L**, Cowan L, Wendelboe A, Vesely S, McGarvey S. Impact of measurement error on estimating risk factors for diseases: An example from parasitic infections in the Philippines. *137th APHA Annual Meeting & Exposition*, November 7-11, 2009, Philadelphia, PA.
257. \*Nguyen-Luu, Cicutto L, Butler J, Elliott S, Harada L, McGhan S, Stark D, VanderLeek T, Waserman S, Joseph L, M’Kaouar H, Soller L, Clarke A. School personnel knowledge regarding EpiPen administration in Quebec. *4th Annual AllerGen Conference*, February 2009, Ottawa, ON.
258. \*Ben-Shoshan M, Harrington D, Sicherer S, Fragapane J, Soller L, **Joseph L**, St. Pierre Y, Cantin I, Elliot S and Clarke A. Comparing the prevalence of peanut, tree-nut, fish and shellfish allergy between Canada and the US. *2009 Annual Meeting of the American Academy of Allergy, Asthma and Immunology*, Philadelphia PA, March 13-17, 2009, Washington, DC.
259. Sewitch M, Grad R, Dawes M, Yaffe M, Roper M, Pavilanis A, **Joseph L**, Barkun A. Improving colorectal cancer screening rates in primary care: intervention study methodology. *37th North American Primary Care Research Group Annual Meeting*, Montreal, Quebec, November 14-18, 2009.

260. \*Manjoo P, **Joseph L**, Pilote L, Dasgupta K. Waist to hip mediates inverse association of walking with A1C but not of walking with blood pressure among women with type 2 diabetes. International Diabetes Federation 20th World Diabetes Congress, October 18-22, 2009, Montreal, Quebec.
261. Dasgupta K, **Joseph L**, Da Costa D, Pilote L, Christopoulos S, Gougeon R. Pilot study demonstrates promise for dietary counseling-cooking lesson intervention in type 2 diabetes. International Diabetes Federation 20th World Diabetes Congress, October 18-22, 2009, Montreal, Quebec.
262. Dasgupta K, Chan C, Strachan I, Christopoulos S, Sigal RJ, **Joseph L**. Preliminary analysis demonstrates winter reduction in daily steps and winter increase in blood pressure in type 2 diabetes. International Diabetes Federation 20th World Diabetes Congress, October 18-22, 2009, Montreal, Quebec.
263. Hopman W, Berger C, **Joseph L**, Towheed T, Anastassiades T, Prior J; Adachi J, Poliquin S, Zhou W, Hanley D, Papadimitropoulos E, Tenenhouse A. SF-36 Scores of the CaMos Youth Cohort: How do they compare to the US and Sweden? Eastern Canada Health Outcomes Meeting, June 8-9, 2009, Montreal, Quebec.
264. \*Bernatsky S, Lix L, Hanly JG, Hudson M, Badley E, Peschken C, Pineau C, Clarke A, Belisle P, **Joseph L**. The prevalence of systemic autoimmune rheumatic diseases: regional comparisons. ACR/ARHP Annual Meeting, Philadelphia PA, October 17-21, 2009. *Arthritis and Rheumatism* 2009;61(9S): S783.
265. Fortin P, Kassis J, Neville C, **Joseph L**, Chang E, Bélisle P, Le Comte M, Rauch J. Antiphospholipid antibodies predict future arterial events at 11 years of follow-up. ACR/ARHP Annual Meeting, Philadelphia PA, October 17-21, 2009.
266. \*Soller L, Ben-Shoshan M, Fragapane J, **Joseph L**, St. Pierre Y, Harada L, Fortin C, Allen M, Clarke A. Treatment of initial allergic reactions to peanut inside and outside of health care facilities. Annual Scientific Meeting of the CSACI (Canadian Society of Allergy and Clinical Immunology), October 22-25, 2009, Halifax, Nova Scotia.
267. \*Filion K, **Joseph L**, Boivin J, Suissa S, Brophy J. Thiazolidinediones and the risk of incident congestive heart failure among patients with type 2 diabetes mellitus: A population-based nested case-control study. American Heart Association Scientific Sessions, November 14-18, 2009, Orlando, Florida.
268. Jonnsen A, Clarke A, **Joseph L**, Belisle P, Bengtsson A, Bernatsky S, Nived O, Sturfelt G, Pineau C. Charlson co-morbidity index is associated with mortality in systemic lupus erythematosus. The Annual General Meeting of the Swedish Society of Medicine, November 25-27, 2009, Stockholm, Sweden.
269. \*Ben-Shoshan M, Harrington D, Sicherer S, Fragapane J, Soller L, **Joseph L** St.-Pierre Y , Godefroy S, Elliott S and Clarke A. Food allergies in Canada: prevalence and associated factors. Annual Meeting of the American Academy of Allergy, Asthma and Immunology, February 26 - March 2, 2010, New Orleans, Louisiana.
270. Fragapane J, Ben-Shoshan M, Soller L, **Joseph L**, St. Pierre Y, Harada L, Fortin C, Allen M , Clarke A. Epinephrine auto-injector self-carry practice in children with peanut allergy. Annual Meeting of the American Academy of Allergy, Asthma and Immunology, February 26 - March 2, 2010, New Orleans, Louisiana.
271. \*Soller L, Fragapane J, Ben-Shoshan M, Harrington D, Joseph L, St.-Pierre Y , Godefroy S, Elliott S and Clarke A. Epinephrine auto-injectors (EAIs) in Canadians with food allergies. Annual Meeting of the American Academy of Allergy, Asthma and Immunology, February 26 - March 2, 2010, New Orleans, Louisiana.

272. Chad L, Ben-Shoshan M, Alizadehfar R, Fragapane J, Soller L, **Joseph L**, Harada L, Fortin C, Allen M, Clarke A. Parental attitudes towards epinephrine auto-injectors. Annual Meeting of the American Academy of Allergy, Asthma and Immunology, February 26 - March 2, 2010, New Orleans, Louisiana.
273. Selcer S, Ben-Shoshan M, Alizadehfar R, **Joseph L**, St.-Pierre Y, Harada L, Fortin C, Allen M, Clarke A. Epinephrine Auto-Injector Use In Adults With Peanut Allergy. Annual Meeting of the American Academy of Allergy, Asthma and Immunology, February 26 - March 2, 2010, New Orleans, Louisiana.
274. \*Filion K, **Joseph L**, Boivin J, Suissa S, Brophy J. The effect of glycemic control on the risk of congestive heart failure among patients with type 2 diabetes: A population-based nested case-control study. American Heart Association Council for Epidemiology and Prevention Annual Meeting, March 10 - 14, 2010, Palm Harbor, Florida.
275. Bourré-Tessier, Clarke A, Huynh T, Bernatsky S, **Joseph L**, Bélisle P, Pineau C. Prolongation of the corrected QT interval in Anti-Ro/SSA positive adults with SLE. 9<sup>th</sup> International Congress on Systemic Lupus Erythematosus, Vancouver, British Columbia, June 24 - 27, 2010.
276. Jönsen A, Clarke A, **Joseph L**, Bélisle P, Bengtsson A, Bernatsky S, Nived O, Sturfelt G, Pineau C. Charlson co-morbidity index is associated with mortality in systemic lupus erythematosus. 9<sup>th</sup> International Congress on Systemic Lupus Erythematosus, Vancouver, British Columbia, June 24 - 27, 2010.
277. \*Dendukuri N, Schiller I, Pai M, **Joseph L**. Meta-analysis of diagnostic test characteristics in the absence of a gold-standard reference test. Vancouver, British Columbia, July 31 - August 5, 2010.
278. Fortin P, Kassis J, Neville C, **Joseph L**, Chang E, Bélisle P, Le Comte M, Rauch J. Antiphospholipid antibodies predict future arterial events: results from the Montreal Antiphospholipid Study (MAPS) at eleven years of follow up. 9<sup>th</sup> International Congress on Systemic Lupus Erythematosus (LUPUS 2010), Vancouver, BC, June 24-27, 2010.
279. Bourré-Tessier J, Huynh T, Clarke A, Bernatsky S, **Joseph L**, Bélisle P, Pineau C. A longitudinal Study of the prolongation of the corrected QT interval in anti-Ro/SSA positive adults with systemic lupus erythematosus. ACR/ARHP Annual Meeting, Atlanta Georgia, November 7-11, 2010.
280. Bourré-Tessier J, Peschken C, **Joseph L**, Bélisle P, Pineau C. Cigarette Smoking and Cutaneous Damage in patients with Systemic Lupus Erythematosus. ACR/ARHP Annual Meeting, Atlanta Georgia, November 7-11, 2010.
281. \*Ben-Shoshan M, Soller L, Alizadehfar R, Fragapane J, **Joseph L**, St. Pierre Y, Harada L, Allen M and Clarke A. The use of epinephrine for the treatment of initial allergic reactions to peanut. Annual Meeting of the American Academy of Allergy, Asthma and Immunology, San Francisco CA, March 18-22, 2011.
282. Chow B, Elliott S, Ben-Shoshan M, Harrington D, Fragapane J, Soller L, **Joseph L**, St. Pierre Y, Godefroy S, Clarke A. A rose by any other name: understanding the effects on health and quality of life of food allergen labeling in Canada. Canadian Association of Geographers 2010 Annual Meeting, Toronto, Ontario, October 15-16, 2010.
283. Sewitch M, Grad R, Pavilanis A, Yaffe M, Roper M, Dawes M, Barkun A, **Joseph L**. Telehealth intervention to increase stool testing in primary care patients. Canadian Public Health Association Annual Meeting, Montreal, Quebec, June 19-22, 2011.
284. Sewitch M, Grad R, Pavilanis A, Yaffe M, Roper M, Dawes M, Barkun A, **Joseph L**. Feasibility of a telehealth intervention to increase stool testing in primary care patients. Digestive Disease Week, Chicago Il, May 7-10, 2011.

285. Chow B, Harrington D, Elliott S, Clarke A, Godefroy S, **Joseph L**, St. Pierre Y, Fragapane J, Soller L, Ben-Shoshan M. Eat to live, live to eat: Understanding the effects of food allergen labels on health and well-being. International Medical Geography Symposium), at Durham UK, 10th - 15th July, 2011.
286. Elliott S, Clarke A, Harrington D, Fenton N, Godefroy S, **Joseph L**, St. Pierre Y, Fragapane J, Soller L, Ben-Shoshan M, Pullen, R. The ethics of the hygiene hypothesis: attempts to explain the rise in food allergy among the affluent International Medical Geography Symposium), at Durham UK, 10th - 15th July, 2011.
287. Bertrand F, Bélisle P, Joyal D, Costerousse O, Rao S, Jolly S, Meerkin D, **Joseph L**. Comparison of Transradial and Femoral Approaches for Percutaneous Coronary Interventions: A Hierarchical Bayesian Meta-Analysis. American College of Cardiology 60th Annual Scientific Session, New Orleans, LA, April 2-5, 2011.
288. Eisenberg M, Grandi S, Gervais A, **Joseph L**, O'Loughlin J, Paradis G, Rinfret S, Sarrafzadegan N, Sharma S, Lauzon C, Gamra H, Wightman H, Lutchmedial S, Picard J, Giannoccaro P, Huynh T, Diodati JG, Grondin F, Klinke P, Wielgosz A, Abramson B, Schwarz N, Pilote L. Bupropion for smoking cessation following acute coronary syndrome. *Can J Cardiol* 2010; 26:S110D.
289. Eisenberg MJ, Grandi SM, Gervais A, **Joseph L**, O'Loughlin J, Paradis G, Rinfret S, Sarrafzadegan N, Sharma S, Lauzon C, Yadav R, Pilote L. Bupropion for smoking cessation in patients hospitalized with acute myocardial infarction: a randomized, placebo-controlled trial. 2011 Canadian Cardiovascular Congress, October 22-26, 2011; Vancouver, Canada. *Can J Cardiol* 2011;27(5S):S337.
290. Berger C, Greene-Finestone L, Langsetmo L, **Joseph L**, Kreiger N, Richards B, Kovacs C, Sarafin K, Davison K, Adachi J, Brown J, Hanley D, Goltzman D. Temporal trends in 25-hydroxyvitamin D levels and parathyroid hormone in a population-based study. American Society for Bone and Mineral Research Annual Meeting, San Diego Ca, September 16 - 20, 2011.
291. Tahiri M, et al. Unconventional smoking cessation aids: A meta-analysis of randomized controlled trials. 3rd North American Congress of Epidemiology, June 21-24, 2011, Montreal, Quebec.
292. Pai N, Cajas J, Shivkumar S, Wainberg M, Klein M, **Joseph L**. In women, do non-B clades differentially impact the odds of developing mutations to single dose Nevirapine (sdNVP) for prevention of mother-to-child transmission? A hierarchical Bayesian meta-analysis. 6th International AIDS Society Conference, July 17 to 20, 2011, Rome, Italy.
293. \*Dendukuri N, Schiller I, **Joseph L**, Pai M. Bayesian meta-analysis of diagnostic test accuracy in the absence of a gold-standard reference test. 32nd Annual Conference of the International Society for Clinical Biostatistics Ottawa, Canada, August 21-25 2011.
294. \*Jafari Y, Peeling R, Shivkumar S, Lambert G, Claessens C, Cajas J, Klein M, **Joseph L**, Pai N., Diagnostic accuracy of rapid point-of-care tests to detect syphilis: a meta-analysis. 19th Annual Meeting of the ISSTD, July - 10-13 2011, Quebec City.
295. \*Jafari Y, Peeling R, Shivkumar S, Lambert G, Claessens C, Cajas J, Klein M, **Joseph L**, Pai N. Synthesis of evidence on implementation research on point-of-care syphilis tests: a systematic review. 19th Annual Meeting of the ISSTD, July - 10-13 2011, Quebec City.
296. Grandi S, Eisenberg M, Gervais A, **Joseph L**, O'Loughlin J, Paradis G, Rinfret S, Pilote L. Biochemical validation by expired carbon monoxide as an adjunct to self-report for assessment of smoking status in acute myocardial infarction patients. AHA Scientific Sessions, November 12 -16, 2011, Orlando, Florida.

297. \*Jiang M, Sewitch M, **Joseph L**. Endoscopist variation in polypectomy rates persists after adjusting for patient colorectal cancer risk factors. 3rd North American Congress of Epidemiology, June 21-24, 2011, Montreal, Quebec.
298. Barnabe C, **Joseph L**, Bélisle P, Labrecque J, Svenson L, Edworthy S, Barr S, Fritzler M, Peschken C, Hemmelgarn B, Bernatsky S. Population-based prevalence estimates of myositis in First Nations relative to non-First Nations Canadians. Annual Scientific Meeting of the American College of Rheumatology, Nov 4 - 11, 2011, Chicago, IL.
299. Bourré-Tessier J, Urowitz M, Krantz MJ, **Joseph L**, Pineau CA. Electrocardiographic abnormalities in a large systemic lupus erythematosus inception cohort. Annual Scientific Meeting of the American College of Rheumatology, Nov 4 - 11, 2011, Chicago, IL.
300. Desjardins M, Clarke A, Alizadehfar R, Grenier M, Eismane H, Carrf S, Vander Leekf T, Tepermanh L, Higgins N, **Joseph L**, Shandi G, Ben-Shoshan M. Allergists' opinions on food-induced anaphylaxis compared to non-allergists. Annual Meeting of the American Academy of Allergy, Asthma and Immunology, March 2 - 6, 2012, Orlando, Florida.
301. \*Filion K, Grandi S, Gervais A, **Joseph L**, O'Loughlin J, Paradis G, Pilote L, Rinfret S, Eisenberg M. Depression and the efficacy of bupropion as a smoking cessation therapy post-myocardial infarction: the ZESCA trial. American Heart Association Epidemiology and Prevention Annual Meeting , March 13-16, 2012, San Diego, California.
302. Grandi S, Filion K, Gervais A, **Joseph L**, O'Loughlin J, Paradis G, Pilote L, Rinfret S, Eisenberg M. The effect of smoking cessation on weight at 12 months in patients post-myocardial infarction. American Heart Association Epidemiology and Prevention Annual Meeting , March 13-16, 2012, San Diego, California.
303. Barnabe C, **Joseph L**, Bélisle P, Labrecque J, Svenson L, Edworthy S, Barr S, Fritzler M, Peschken C, Hemmelgarn B, Bernatsky S. Albertas First Nations community is not at increased risk of inflammatory myopathy: Population-based prevalence estimates using administrative databases. Canadian Rheumatology Association Annual Meeting, March 28-31, 2012, Victoria BC.
304. Shiff N, Johnson N, Schmeling H, **Joseph L**, Miettunen P, Svenson L, Bernatsky S. Prevalence of pediatric systemic autoimmune rheumatic disease in First Nation peoples of Alberta, Canada Canadian Rheumatology Association Annual Meeting, March 28-31, 2012, Victoria BC.
305. Grandi S, Filion K, Gervais A, **Joseph L**, O'Loughlin J, Paradis G, Pilote L, Rinfret S, Eisenberg M. The effect of treatment adherence on smoking abstinence in patients post-acute myocardial infarction. American College of Cardiology 61st Annual Scientific Session, March 24 - 27, 2012, Chicago IL.
306. Windle S, Grandi S, Shimony A, Gervais A, **Joseph L**, O'Loughlin J, Paradis G, Rinfret S, Pilote L, Eisenberg M. Use of medical therapy in patients 12 months post-acute myocardial infarction. American College of Cardiology 61st Annual Scientific Session, March 24 - 27, 2012, Chicago IL.
307. \*Ben-Shoshan M , La Vieille S, Eisman H, Alizadehfar R, Perkins E, **Joseph L**, Clarke A. Anaphylaxis in children treated in the Montreal Childrens Hospital: rate, clinical characteristics, triggers and management. Allergen Annual Conference, February 5-7, 2012, Toronto On.
308. \*Soller L, Knoll M, Ben-Shoshan M, Harrington D, **Joseph L**, St. Pierre Y, La Vieille S, Wilson K, Elliott S, Clarke A. The prevalence of food allergy among Aborigines in Canada. Allergen Annual Conference, February 5-7, 2012, Toronto On.

309. Pant Pai N, Bhargava M, Sharma J, Balram B, **Joseph L**, Tellier P. Will HIV self testing be accepted by low to medium risk educated populations? A pilot cross sectional study in students of McGill University, Montreal. 21st Annual Canadian Conference on HIV Research, April 19-22, 2012, Montreal, Qc.
310. Hutton B, **Joseph L**, Fergusson D, Mazer D, Shapiro S, Tinmouth A. Combining randomized and observational data using network meta-analysis to explore drug safety: the case of antifibrinolytics in cardiac surgery. 33rd Annual Meeting of the Society for Clinical Trials, May 20-23, 2012 Miami, Fla.

### Letters:

1. **Joseph L**. Jahn's statistics again (Letter). *Sceptical Enquirer* 1992;16(3):329-330.
2. \*Brophy J, **Joseph L**. Quality of life after myocardial infarction - Canada versus the United States (Letter). *New England Journal of Medicine* 1995;332:469-470.
3. Esdaile JM, **Joseph L**, Mackenzie T, Kashgarian M, Hayslett JP. The benefit of early treatment with immunosuppressive drugs in lupus nephritis (Letter). *Journal of Rheumatology* 1995;22:1211.
4. Grover SA, Lowensteyn I, Esrey K, **Joseph L**, Abrahamowicz M, Steinert Y. Assessing coronary risk (Reply). *British Medical Journal* 1995;22:311(6999):261.
5. Grover SA, Gray-Donald K, **Joseph L**, Abrahamowicz M, Coupal L. Calculating gains in life expectancy with risk factor reduction (Reply). *Archives of Internal Medicine* 1995;26:155(12):1330-1332.
6. \*Brophy J, **Joseph L**. Bayesian analysis and the Gusto trial (Reply). *Journal of the American Medical Association* 1995;274(11):874.
7. Esdaile JM, Abrahamowicz M, **Joseph L**, Li Y, MacKenzie T, Danoff D. Laboratory tests as predictors of disease exacerbations in systemic lupus erythematosus (Reply). *Arthritis and Rheumatism* 1996;39:2084-2085.
8. Esdaile JM, Abrahamowicz M, **Joseph L**, MacKenzie T, Li Y, Danoff D. Laboratory tests as predictors of disease exacerbations in systemic lupus erythematosus (Reply). *Arthritis and Rheumatism* 1997;40(2):393-394.
9. **Joseph L**. Bayesian estimation of disease prevalence and the parameters of diagnostic tests in the absence of a gold standard (Reply). *American Journal of Epidemiology* 1997;145(3):291.
10. Esdaile JM, Abrahamowicz M, **Joseph L**, MacKenzie T, Li Y, Danoff D. Laboratory tests as predictors of disease exacerbations in systemic lupus erythematosus (Reply). *Arthritis and Rheumatism* 1997;40(11):2093-2095.
11. \*Brophy J, **Joseph L**. Bayesian interim analysis of randomized trials (Reply). *The Lancet* 1997;349(9069):1911.
12. Gyorkos T, Carabin H, **Joseph L**. Further analysis of attributable risk in helminth epidemiology. *Parasitology Today* 1999;15(11):465.
13. \*Brophy J, **Joseph L**. Long-term ACE-inhibitor therapy. *The Lancet* 2000;(356)(9226):338.
14. \*Scott A, **Joseph L**, Behr M. Low Positive Predictive Values and Specificities of Spoligotyping and Mycobacterial Interspersed Repetitive Unit Variable-Number Tandem Repeat Typing Methods for Performing Population-Based Molecular Epidemiology Studies of Tuberculosis (Reply). *Journal of Clinical Microbiology* 2005;43:3031-3032.

15. Huynh T, O’loughlin J, **Joseph L**, Eisenberg M. Time to reperfusion therapy. CMAJ 2007;176(10):1461-1462.
16. Richards J, Papaioannou A, Adachi J, **Joseph L** Whitson H, Prior J, Goltzman D. A possible role of recurrent major depression in risk of fracture - Reply Archives Of Internal Medicine 2007;167(21):2370-2371.

### Comments in Peer-Reviewed Journals:

1. **Joseph L**, Shapiro S. Comment on “Bayesian approaches to randomized trials”, by Spiegelhalter D, Freedman L, Parmar M. Journal of the Royal Statistical Society Series A 1995;157:387-416.
2. **Joseph L**. Comment on “On model expansion, model contraction, identifiability, and prior information: two illustrative scenarios involving mismeasured variables” by Gustafson P. Statistical Science 2005;20:134-136.

### Technical Reports:

1. Bélisle P, **Joseph L**, Wolfson D, Zhou X. Estimating decline in Alzheimer’s Disease. Technical Report Number 97–02, Department of Mathematics and Statistics, McGill University, Montreal, Canada. 1997.
2. Bélisle P, **Joseph L**, MacGibbon B, Wolfson D, du Berger R, Change-Point Analysis of Neuron Spike Train Data. GERAD Technical Report #G-97-31, L’École des Hautes Études Commerciales de Montréal, Montreal, Canada. 1997.
3. \*Poliquin S, Berger C, **Joseph L**, Kirkland S, Kreiger N. Correlates of non-response in a population-based longitudinal study. Available from www.CaMos.org. 2007.

### Published Questionnaire:

1. Poulin de Courval L, Saroyan A, **Joseph L**, Gauthier S. Questionnaire sur les aptitudes des médecins de famille soigner les patients atteintes de démence. L’Actualité médicale 1994;15:25-31.

### Announcements, Software Reviews:

1. **Joseph L**. New Biostatistics Stream at McGill University. Am Stat News, January 1994.
2. Joseph L, Bélisle P. Bayesian software for epidemiology: The analysis of data from diagnostic tests and sample size determination. ISBA Bulletin 2006;13(3).

### Software (Available from <http://www.epi.mcgill.ca/Joseph/>)

1. **Joseph L**, Wolfson D, and du Berger R. BHPD1: A FORTRAN program to calculate binomial sample sizes via highest posterior density regions. (1994)

2. **Joseph L**, Wolfson D, and du Berger R. MPCPN: A FORTRAN program for multi-path change-point analysis for normal random variables. (1995)
3. **Joseph L**, Wolfson D, and du Berger R. MPCPP: A FORTRAN program for multi-path change-point analysis for Poisson random variables. (1995)
4. **Joseph L**, Bélisle P. samplesize-mean: An S-Plus program to calculate Bayesian sample sizes for normal means and differences between normal means. (1995).
5. **Joseph L**, Bélisle P. samplesize-prop: An S-Plus program to calculate Bayesian sample sizes for differences between binomial means. (1995).
6. **Joseph L**. tt1: S-Plus program to calculate Bayesian posterior distributions via Gibbs sampling for the prevalence of a disease, and sensitivity, specificity, positive and negative predictive values of a test for that disease, in the absence of a gold standard. (1995).
7. **Joseph L**. tt2: S-Plus program to calculate Bayesian posterior distributions via Gibbs sampling for the prevalence of a disease, and sensitivities, specificities, and positive and negative predictive values of two tests for that disease, in the absence of a gold standard. (1995).
8. **Joseph L**. tt3: S-Plus program to calculate Bayesian posterior distributions via Gibbs sampling for the prevalence of a disease, and sensitivities, specificities, and positive and negative predictive values of three tests for that disease, in the absence of a gold standard. (1995).
9. Rahme E, **Joseph L**. avgcov.ss: S-Plus program to calculate average coverage probabilities when finding sample sizes for estimating a binomial proportion in the presence of misclassification errors. (1998).
10. **Joseph L**, Bélisle P, Dendukuri N. PropMisclassSampleSize: Visual Basic/Splus/Perl program to calculate sample sizes for diagnostic testing problems in the absence of a perfect gold standard test. Programs for one and two test cases are included, as are the asymptotic properties of posterior distributions. (2004).
11. **Joseph L**, Bélisle. BayesDiagnosticTests: Visual Basic/R/Perl program to calculate Bayesian posterior distributions for diagnostic testing problems in the absence of a perfect gold standard test. Programs for one, two and three test cases are included. (2005).
12. **Joseph L**, Bélisle. PredictiveValues: A program designed to convert information on disease prevalence and results from one, two or three diagnostic tests into information on predictive values (2005).
13. **Joseph L**, Bélisle. BayesContinuousDiagnosticTest: Estimation of Disease Prevalence and the Parameters of a Continuous Diagnostic Test and One or Two Dichotomous Diagnostic Test(s) (2005).
14. Dendukuri N, Bélisle P, **Joseph L**. BayesLatentClassModels: A program for estimating diagnostic test properties and disease prevalence in the presence of possibly correlated tests (2007).
15. **Joseph L**, Bélisle. ExposureAssessment: Estimating exposure probabilities in a series of subjects providing one or more continuous test measurements relating to the exposure (2010).
16. **Joseph L**, Bélisle. SampleSizeMeans: A set of R functions for calculating sample size requirements using three different Bayesian criteria in the context of designing an experiment to estimate a normal mean or the difference between two normal means. (2010).
17. **Joseph L**, Bélisle. SampleSizeProportions: A set of R functions for calculating sample size requirements using three different Bayesian criteria in the context of designing an experiment to estimate the difference between two binomial proportions. (2010).