

Curriculum Vitae

Jeffrey Mahan Singh

A. Date Curriculum Vitae is Prepared: 2023 April 28

B. Biographical Information

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1. EDUCATION

Degrees

1995 Sep - 1999 Jun	MD, Department of Medicine, Faculty of Medicine, University of Toronto, Toronto, Ontario, Canada
2007	Masters of Science, Clinical Epidemiology, Department of Health Policy, Management and Evaluation, University of Toronto

Postgraduate, Research and Specialty Training

2018 Jun 13 - 2018 Jun 14	TGLN - Schulich Leadership training Course, Schulich School of Business, Toronto, Ontario, Canada
2014 Sep - 2015 May	UHN-Rotman Leadership Development Program, University Health Network - Rotman School of Business, Toronto, Ontario, Canada
2005 - 2007	Clinical Epidemiology, Clinician-Investigator Program, Royal College of Physicians and Surgeons of Canada, Toronto, Ontario, Canada
2003 Jul - 2005 Jun	Postgraduate Residency Training, Critical Care Medicine, Interdepartmental Division of Critical Care Medicine, University of Toronto, Toronto, Ontario, Canada
2003	Advanced Trauma Life Support
2002 Jul - 2003 Jun	Chief Medical Resident, Internal Medicine, Mount Sinai Hospital & University Health Network, University of Toronto, Ontario, Canada
2001	Advanced Cardiac Life Support.
1999 Jul - 2003 Jun	Postgraduate Residency Training, Core Internal Medicine, University of Toronto, Toronto, Ontario, Canada

Qualifications, Certifications and Licenses

2008,2018	Subspecialty Certification in Neurocritical Care, United Council for Neurological Subspecialties. Re-certified 2018.
2005	Level 1, Canadian Aerospace Medicine and Aeromedical Transportation Association

2005	Accreditation in Adult Critical Care Medicine, Royal College of Physicians and Surgeons of Canada
2003	Specialist Certificate, Internal Medicine, Royal College of Physicians and Surgeons of Canada
2003	Diplomate, Internal Medicine, American Board of Internal Medicine
1999	College of Physicians & Surgeons of Ontario, License / Membership #: 73904
1999	Registration, Medical Council of Canada

2. EMPLOYMENT

Current Appointments

2016 May - present	Regional Medical Lead, Trillium Gift of Life, Toronto, Ontario, Canada
2015 Jul - present	Associate Professor, Respiriology, Department of Medicine, Faculty of Medicine, University of Toronto, Ontario, Canada
2009 Oct – 2022 Dec	Site Director, Medical-Surgical and Neuro Intensive Care Units, Critical Care Medicine, Medicine, University Health Network - Toronto Western Hospital, Toronto, Ontario, Canada
2005 Jul 1 - present	Staff Physician, Critical Care Medicine, University Health Network, Toronto, Ontario, Canada
2005 Jul - present	Associate-Staff Physician, Critical Care Medicine, Mount Sinai Hospital, Toronto, Ontario

Previous Appointments

CLINICAL

2014 Apr - 2014 Jul 30	Hospital Organ Donation Lead Physician, Trillium Gift of Life, Ontario, Canada
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HOSPITAL

2014 Jul - 2018 Apr	Hospital Donation Physician, University Health Network / Trillium Gift of Life, Ontario, Canada <i>Physician Donation Lead for Trillium Gift of Life Network based at the University Health Network to implement and provide clinical and educational support for organ donation.</i>
2005 Jul - 2006 Jun	Associate Staff Physician, Department of Medicine, William Osler Health Science Center, Etobicoke, Ontario, Canada
2004 Jan - 2004 Dec	Locum Tenens Clinical Appointment, Critical Care Medicine, Thunder Bay Regional Hospital
2003 Dec - 2005 Jul	Internal Medicine Locum, York Central Hospital, Richmond Hill, Ontario, Canada
2003 Jul - 2005 Jun	Associate-Staff Physician, Department of Medicine, St. Michael's Hospital, Toronto, Ontario

RESEARCH

2007 Jul - 2013 Mar	Consulting Scientist, Research and Development, Ornge Transport Medicine, Toronto, Ontario, Canada
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UNIVERSITY - RANK

2008 Jul - 2015 Jun	Assistant Professor, Respiriology, Department of Medicine, Faculty of Medicine, University of Toronto, Ontario, Canada
2005 Jul - 2008 Jun	Lecturer, Respiriology, Department of Medicine, Faculty of Medicine, University of Toronto, Ontario, Canada

3. HONOURS AND CAREER AWARDS

Distinctions and Research Awards

INTERNATIONAL

Received

- 2020 Sep **Fellow of Neurocritical Care Society**, Neurocritical Care Society. (Credential, Specialty: Neurocritical Care)
The Neurocritical Care Society offers a program that denotes "letters" (Fellow of Neurocritical care Society of FNCS) to recognize exceptional service, academic excellence, and leadership in the field of Neurocritical care.
- 2020 Sep **NCS Presidential Citation**, Neurocritical Care Society. (Distinction, Specialty: Neurocritical Care)
The NCS presidential citation is an award that recognizes members who have shown exceptional support and dedication to NCS and have contributed to the neurocritical care community.
- 2012 **Research Award - Best Poster Presentation**, Association of Air Medical Services. (Best Poster Presentation - Air Medical Transport Conference 2012)
Impact of a Brief Targeted Educational Initiative on Intubation Success in a Transport Medicine Setting.
- 2007 **Best Abstract (Poster)**, Air Medical Transport Conference, Tampa, Florida, United States. (Research Award)

PROVINCIAL / REGIONAL

Received

- 2010 **Pulse Award**, Ornge. (Innovation Award)
Development of critical care and neurocritical care curriculum for paramedics.
- 1995 **Summer Research Scholarship**, Natural Sciences and Engineering Research Council of Canada (NSERC), Canada.
- 1992 - 1995 **Canada Scholarship**, Industry, Science and Technology Canada, Canada.

LOCAL

Received

- 2007 **Best Oral Presentation**, Interdepartmental Division of Critical Care Research Day. (Research Award)
- 2007 **Best Poster Presentation**, Interdepartmental Division of Critical Care Research Day. (Research Award)
- 2002 **Murray Muirhead Award**, St Michael's Hospital, Toronto, Canada.
- 2001 **Honourable Mention, Higgins Research Competition**, St Michael's Hospital, Toronto, Canada.
- 1999 **1st Prize Housestaff Research Competition**, University Health Network/Mount Sinai Hospital, Toronto, Canada.
- 1999 **Chappell Prize in Clinical Medicine**, Faculty of Medicine, University of Toronto, Canada.
- 1997 - 1998 **Dr. F.J.Colling O.B.E. Memorial Scholarship**, Faculty of Medicine, University of Toronto, Canada.
- 1996 - 1999 **Honours Student**, Faculty of Medicine, University of Toronto, Canada.
- 1992 - 1995 **Dean's List**, Faculty of Science, McGill University, Montreal, Quebec, Canada.

1992 - 1995 **J.W. McConnell Entrance Scholarship**, Faculty of Science, McGill University, Montreal, Quebec, Canada.

Teaching and Education Awards

LOCAL

Received

2021 Jul - 2022 Jun	Award for Teaching Excellence - Toronto Western Hospital , Critical Care Medicine, Faculty of Medicine, University of Toronto. (Postgraduate MD, Subspecialty)
2020 Jul - 2021 Jun	MD Program Teaching Award of Excellence 2020-2021 , Dept of Medicine, Faculty of Medicine, University of Toronto, Canada. (Undergraduate MD) <i>The award recognizes faculty, residents, graduate student teachers and clinicians in the MD Program that have attained Teaching Evaluation Scores in the top 10% in one or more of the teaching activities to which they have contributed.</i>
2013 Jul - 2014 Jun	Award for Teaching Excellence - Toronto Western Hospital , Critical Care Medicine, Faculty of Medicine, University of Toronto. (Postgraduate MD, Subspecialty)
2013 Jul - 2014 Jun	Individual Teaching Performance Award - Postgraduate Level , Dept of Medicine, Faculty of Medicine, Wightman-Berris Academy. (Postgraduate MD)
2012 Jul - 2013 Jun	Award for Teaching Excellence - Toronto Western Hospital , Critical Care Medicine, Faculty of Medicine, University of Toronto. (Postgraduate MD, Subspecialty)
2008 Jul - 2009 Jun	Award for Teaching Excellence - Toronto Western Hospital , Critical Care Medicine, Faculty of Medicine, University of Toronto. (Postgraduate MD, Subspecialty)
2003	Award for Excellence in Clinical Teaching , Department of Medicine, University Health Network, Toronto, Ontario. (Postgraduate MD)
2003	Housestaff Teaching Award , Mount Sinai Hospital, Toronto, Ontario. (Postgraduate MD)

4. PROFESSIONAL AFFILIATIONS AND ACTIVITIES

Professional Associations

2015 Jul - present	Canadian Critical Care Society
2008 - present	Neurocritical Care Society
2006 - present	American Thoracic Society
2003 Jul - present	Fellow , Royal College of Physicians and Surgeons of Canada
2002 - present	Society of Critical Care Medicine
1994 - present	Canadian Medical Association
1994 - present	Ontario Medical Association
2003 Oct - 2013 Oct	Diplomate , American Board of Internal Medicine

Administrative Activities

INTERNATIONAL

Accreditation Canada

2011 Sep - 2012 Jun **Member**, Spinal Cord Injury Advisory Committee

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Neurocritical Care Society

2019 Oct - 2021 Oct	Neurocritical Care Society Board of Directors
2019 Jul - 2021 Jun	North/Central America Regional Chapter Chair
2018 Sep - 2022 Sep	Member , Annual Meeting Program Committee, United States.
2018 Sep - 2022 Sep	Member , NCS Guideline Committee, United States.
2013 Jul - 2015 Dec	Member , Working Group: Consensus Statement on Externalized Ventricular Catheters, United States.

Society of Critical Care Medicine

2015 Jan - 2018 Jan	Member , Research Section Executive Committee, United States.
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NATIONAL

Other Organizations

2022 Sep - present	Member , Data Monitoring Committee - STIMULUS Study, Toronto, Ontario, Canada.
2022 Aug - present	Chair , Data Safety Monitoring Board - ATTAACH trial, Toronto, Ontario, Canada.

Canadian Neurocritical Care Society

2016 Oct - present	Treasurer , Executive Committee, Canada.
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PROVINCIAL / REGIONAL

MOHTLC

2010 Sep	Consultant , Ontario Neurosurgery Expert Panel, Ontario.
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Ontario Ministry of Health and Long-term Care

2005 - 2006	Chronic Ventilation Task Group
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Ontario Neurotrauma Foundation / Rick Hansen Institute

2013	Member , Ontario Spinal Cord Injury Research Network Advisory Panel, Ontario, Canada.
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ORNGE Transport Medicine

2010	Member , Critical Care Paramedic Curriculum Working Group, Faculty of Medicine, Dept of Medicine, Critical Care Medicine, Ontario, Canada.
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Trillium Gift of Life Network

2013 - present	Member , Provincial Organ Donation Steering Committee, Ontario, Canada.
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Interdepartmental Division of Critical Care Medicine

2015 Sep - 2017 Apr	Member , SBT City-Wide Harmonization Project, Toronto, Ontario, Canada.
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Kremsil Brain Institute - University Health Network

2009 - 2022 Dec 1	Member , Executive Committee, Ontario, Canada. <i>Hospital.</i>
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Mount Sinai Hospital

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2002 - 2003 Education Committee, Core Internal Medicine
Hospital.

2002 - 2003 Cardiac Arrest Committee
Hospital.

Mt. Sinai Hospital and University Health Network

2011 Feb - 2012 Jun **Participant**, MSH-UHN Antimicrobial Stewardship Program Ventilator-Associated Pneumonia Working Group

Toronto Academic Health Sciences Network

2012 - 2014 Mar **Member**, TAHSN Organ Donation Committee, Ontario, Canada.

Toronto Central LHIN

2010 May - 2010 Jun **Physician Lead, Toronto Western Site**, G20 Surge Capacity Management Committee

2009 Jan - 2010 May **Physician Lead, Toronto Western Site**, Surge Capacity Management Committee

Toronto Western Hospital / University Health Network

2017 Sep 1 - 2022 Dec 1 **Member**, TWH Quality of Care Committee, Ontario, Canada.

University Health Network

2018 Apr - present **Member**, UHN Organ and Tissue Donation Committee, Toronto, Ontario, Canada.

2015 Nov - 2019 **Co-Chair**, Co-Lead : Central Line Infection Working Group - Hospital Acquired Conditions, Toronto, Ontario, Canada.

2013 Jan - 2018 Apr **Co-Chair**, UHN Organ and Tissue Donation Committee, Toronto, Ontario, Canada.

2012 Feb 29 **Member**, External Review for the Joint Department of Medical Imaging

2011 Jul 1 - 2012 Jun 30 **Member**, TWH Spinal Cord Kardex Initiative, Toronto, Ontario, Canada.

2011 Feb - 2011 Apr **Co-Chair**, Critical Care Strategic Plan: Consistency of Practice & Access to Care Working Group

2011 - 2013 Apr **Member**, Surgical Programs Quality of Care Committee, Toronto, Ontario, Canada.

2009 Oct - 2009 Nov **Member**, Critical Care Triage Working Group
Hospital.

2009 Jul 1 - 2010 Jun 30 Ventilator-Associated Pneumonia Task Force

2009 Apr - 2009 Jul **Chair**, Neuro Assessment Standards Working Group

2009 - 2022 Dec 1 **Member**, Critical Care Executive Committee
Hospital.

2009 - 2010 Jul Central Line Infection Prevention Task Force

2008 Jan - 2009 Feb **Site Lead, Toronto Western Hospital**, High Cost Utilization Committee

2002 - 2003 Education Committee, Core Internal Medicine, Department of Medicine
Hospital.

University Health Network - Toronto Western Hospital

2010 Jul - 2010 Sep **Member**, Krembil Neuroscience Centre for Strategic Priorities: Clinical Care Working Group

2009 - 2011 **Chair**, ICU Clinical Practice Forum

2008 - 2011 **Site Lead**, Central Line Infection Prevention Working Group, Toronto, Ontario, Canada.
Hospital.

2008 - 2011 **Member**, Blood Culture Best Practice Committee
Hospital.

University of Toronto

2007	Reviewer , Selection Committee, Critical Care Medicine Residents, Interdepartmental Division of Critical Care Medicine <i>University.</i>
2004 - 2007	Member , RCPSC Clinician-Investigator Program Education Committee, Department of Medicine <i>University.</i>
2003 - 2005	Education Committee, Critical Care Medicine, Interdepartmental Division of Critical Care Medicine <i>University.</i>
2003	Head Organizer , Royal College Internal Medicine Examination Preparatory Lecture Committee, Faculty of Medicine, Dept of Medicine, General Internal Medicine, Postgraduate MD, Toronto, Ontario, Canada.
1997 - 1998	Committee on Postgraduate Training in Core Internal Medicine, Department of Medicine <i>University.</i>

Peer Review Activities

ASSOCIATE OR SECTION EDITING

Section Editor

2010	Section 5: Medical Care in RD MacDonald, R Burgess (eds): Caroline's Emergency Care in the Streets, 1st Canadian edition. Sudbury: Jones and Bartlett, 2010.
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MANUSCRIPT REVIEWS

Reviewer

2019 Jan - present	American journal of Respiratory and Critical Care Medicine, Number of Reviews: 7
2010 - present	Critical Care, Number of Reviews: 5
2008 - present	Critical Care Medicine, Number of Reviews: 5
2005 - present	Journal of Critical Care, Number of Reviews: 3
2022	Canadian Journal of Anesthesia, Number of Reviews: 2
2022	CMAJ, Number of Reviews: 1
2012 - 2013	PLOS ONE, Number of Reviews: 2
2010	BMJ - Quality and Safety
2007 - 2009	Anaesthesia and Analgesia
2007	American Journal of Respiratory and Critical Care Medicine

PEER REVIEWER

Reviewer

2009 Mar	MOHLTC Career Scientist Award
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PROGRAM REVIEW

Invited Consultant

2010	University of Alberta - Division of Critical Care Medicine, Division of Critical Care Medicine - Donation After Cardiac Death
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Other Research and Professional Activities

RESEARCH PROJECT

2022 Dec - present **Member.** Traumatic Spinal Cord Injury Working & Writing Group. Neurocritical Care Society, United States.

C. Research Funding

1. GRANTS, CONTRACTS AND CLINICAL TRIALS

PEER-REVIEWED GRANTS

FUNDED

2021 Apr - 2024 Jun **Co-Investigator.** The Neurologic Physiology after Removal of Therapy (NeuPaRT) Study. Canadian Institutes of Health Research (CIHR). 684,676 CAD. [Clinical Trials]

2020 Apr - 2023 Jun **Co-Investigator.** Prone positioning in neurologically deceased potential lung donors to improve donor lung function and lung transplant recipient outcomes. Canadian Institutes of Health Research (CIHR). 172,125 CAD. [Clinical Trials]

2017 May - 2022 Jun **Co-Investigator.** Aneurysmal Subarachnoid Hemorrhage: Red Blood Cell Transfusion and Outcome (SAHaRA Pilot). Canadian Institutes of Health Research (CIHR). Project Grant. 201610PJT. PI: English, Shane W. Collaborator(s): Acker, Jason;Algird, Almunder; AlThenayan, Eyad; Boyd John; Butcher, Ken; Chapman, Martin; Chasse, Michael; D'aragon, Frederick; Da Costa, Leo; Dowlathshahi, Dariush; Fergusson, Dean; Griesdale, Donald; Kramer, Andreas; Kutsogiannis, Jim; Lauzier, Francois; Lum, Cheemun; Marshall, Shawn; McIntyre, Lauralyn; Pagliarello, Guiseppe; Scales, Damon; Sinclair, John; **Singh, Jeffrey**;Tinmouth, Alan;Turgeon, Alexis; Zarychanski, Ryan; 1,384,650 CAD. [Grants]

2017 Apr - 2020 Sep **Steering Committee.** CT-Perfusion for Neurological Diagnostic Evaluation (INDEX-CTP). CIHR. PI: Chassé Michaël. [Clinical Trials]
Primary objective: To determine diagnostic accuracy of CT-perfusion compared to complete clinical evaluation for NDD.

Secondary objectives: 1) To confirm the safety of performing CT-perfusion in critically ill patients suspected of being neurologically deceased; 2) To establish the CT-perfusion inter-rater reliability for NDD; 3) To evaluate the diagnostic accuracy of CT-angiography compared to complete clinical evaluation and to CT-perfusion for NDD; 4) To describe the clearance of commonly used sedatives and narcotics in the setting of NDD; and 5) to investigate biological changes (inflammatory and nanovesicles) that occur in humans during the brain dying process.

2017 Feb - 2020 Sep **Steering Committee.** The NEUROlogically-impaired Extubation Timing Trial (NEURO-ETT). CIHR. PI: Scales DS, Ferguson ND. [Clinical Trials]
This randomized controlled trial will enrol patients with acute severe brain injury who pass a spontaneous breathing trial but have decreased level of consciousness. It will directly compare (1) prompt extubation vs. (2) usual care, with extubation or tracheostomy timed according to physicians' discretion. The primary outcome will be ICU free days (days spent alive and outside an ICU).

2015 Jul - 2020 Jun	Co-Investigator. The NEUROlogically-impaired Extubation Timing Trial (NEURO-ETT). Canadian Institutes of Health Research (CIHR). Transitional Operating Grant 2014-2015. PI: Scales, Damon & Ferguson, Niall. Collaborator(s): Dr. N. Adhikari, Dr. A. Alali, Dr. A. Baker, Dr. K. Bosma Prof. L. Brochard, Dr. M. Chapman, Dr. E. Charbonney, Dr. B. Cuthbertson Dr. R. Fowler, Dr. D. Griesdale, Dr. T. Mainprize, Dr. V. McCredie Dr. M. Meade, Dr. A. Nathens, Dr. G. Rubinfeld, Dr. A. Seely Dr. JM Singh , Dr. A. Turgeon, Dr. M. Wilcox, Dr. D. Zygun. 880,405 CAD. [Grants]
2015 Mar - 2019 Jul	Co-Principal Investigator. Predictors of Apnea and Their Relationship to Time to Death Following Withdrawal of Life Sustaining Therapy for Donation after Cardiac Death Candidates. Physician Services Incorporated Foundation. Health Research Grant. PI: Singh, Jeffrey ; Munshi, Laveena. Collaborator(s): Dhanani, Sonny Payne, Clare. 37,025 CAD. [Grants]
2012 Sep - 2015 Sep	Co-Principal Investigator. Innovative approaches to mechanical ventilation in spinal cord injured patients. Ontario Neurotrauma Foundation. Rapid Response - New Investigator. PI: Singh, Jeff. Collaborator(s): Spahija, Jadranka. 100,000 CAD. [Clinical Trials]
2012 Feb - 2012 Aug	Co-Investigator. Acute Lung Injury in the ICU: Scope of the Problem and Focus on Prevention. Physician Services Incorporated Foundation. Health Research Grant. PI: Galvin, Imelda. Collaborator(s): Niall Ferguson, Jeffrey Singh , Stephen Lapinsky, Andrew Steel. 39,500 CAD. [Grants]
2011 May - 2012 May	Co-Investigator. A Prospective Evaluation of the Association between Psychoactive Medications and Delirium in Critically Ill Adults. Rx&D Pilot Research Grant. PI: Burry, Lisa. Collaborator(s): Louise Rose, Scott Kim, David Williamson, Marc Perreault, Dean Fergusson, Marilyn Steinberg, Hilary Rodrigues, Virginia Fernandes, Orla Smith, Jeffrey Singh , Sangeeta Mehta. 24,985 CAD. [Grants]
2010 Jan - 2012 Sep	Principal Investigator. "Exploration of gender discrepancy in outcomes and utilization of air medical transport". Foundation for Air-medical Research and Education. Collaborator(s): McDonald, RD. 16,000 USD. [Grants] <i>Principal Author / Senior Responsible Author.</i>
2009 Nov - 2010 Nov	Principal Site Investigator. A Multicentre Prospective Study of Research Recruitment Practices in Canadian Adult ICUs (The Consent Study). Canadian Institutes of Health Research. Catalyst Grant in Ethics Competition. 181887. PI: Burns, Karen. 2,800 CAD. [Grants]
2006 Jan - 2006 Dec	Principal Investigator. "Characterization and determination of pre-transport predictors of medical intervention during interfacility patient transport". Foundation for Air-medical Research and Education. Collaborator(s): RD MacDonald, MJ Schull, S Bronskill. 6,000 USD. [Grants] <i>Role: Principal Author / Senior Responsible Author.</i>

NON-PEER-REVIEWED GRANTS

FUNDED

2018 Dec - present	Co-Principal Investigator. Partnership to Develop a Novel Neurocritical Care Visualization Interface. [Contracts] <i>Partnership with Etiometry Inc to design, develop and test the usability of a novel</i>
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neurocritical care data aggregation and visualization interface.

2017 Jul - 2018 Sep	Principal Site Investigator. Canada-DONATE: National Observational Study of the ICU Management of Deceased Organ Donors. PI: Meade M, D'Aragon F. [Clinical Trials]
2016 Sep - 2017 Sep	Principal Site Investigator. A Randomized, Double-Blind, Placebo-Controlled Study to Evaluate the Efficacy and Safety of SAGE-547 Injection in the Treatment of Subjects With Super-Refractory Status Epilepticus. SAGE Therapeutics. [Clinical Trials]
2013 Aug - 2015 Aug	Principal Site Investigator. EUPHRATES - Evaluation of the use of Polymixin B Hemoperfusion in a Randomized Controlled Trial of Adults Treated for Endotoxemia and Septic Shock. Spectral Diagnostics. 37,000 CAD. [Clinical Trials]
2011 Jul - 2012 Jun	Co-Principal Investigator. Delirium Screening and Prevention in the ICU: A Quality Improvement Project. Hospira Pharmaceuticals. PI: Singh, Jeffrey . Collaborator(s): Eddy Fan. 25,000. [Industrial Grants] <i>A multifaceted quality improvement project involving training of all IP team member sin the screening, causes and prevention of delirium in critically ill patients in the ICU.</i>
2010 Jul - 2012 Jul	Principal Site Investigator. Toronto Traumatic Brain Injury Database. Sunnybrook and Women's College Health Sciences Centre. AFP innovation funds. PI: Chapman, Martin. Collaborator(s): Baker, Andrew; Singh, Jeffrey ; Rigamonti, Andrea; Pham, Nicolas. [Clinical Trials] <i>Creation of a TBI registry across Toronto teaching hospitals to assess current practice and adherence to best practices.</i>
2009 Jul - 2010 Jul	Principal Site Investigator. CONSCIOUS 3: Clazosentan in Reducing Vasospasm-related Morbidity and All-cause Mortality in Adult Patients With Aneurysmal Subarachnoid Hemorrhage Treated by Surgical Clipping. Actelion Pharmaceuticals Canada Inc. PI: Sebastien Roux. [Clinical Trials]
2009 Jun - 2010 Jun	Site Investigator. Influenza A H1N1 (Swine Flu) ICU Study. Ontario Agency for Health Protection and Promotion (OAHPP). PI: Fowler, Robert. Collaborator(s): Crowcroft, Natasha; Schwartz, Brian. [Clinical Trials]
2007 - 2009	Site Investigator. CONSCIOUS 2: Clazosentan in Reducing Vasospasm-related Morbidity and All-cause Mortality in Adult Patients With Aneurysmal Subarachnoid Hemorrhage Treated by Surgical Clipping. Actelion Pharmaceuticals Canada Inc. PI: Sebastien Roux. [Clinical Trials]

2. SALARY SUPPORT AND OTHER FUNDING

Personal Salary Support

2008 Apr - 2013 Mar	Scientist Salary Support. Ornge Transport Medicine - Department of Research & Development. 250,000 CAD. Ontario, Canada. (Specialty: Transport Medicine).
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D. Publications

1. PEER-REVIEWED PUBLICATIONS

Journal Articles

1. Sam Shemie et al. A Brain-Based Definition of Death and Criteria for its Determination After Arrest of Circulation or Neurologic Function in Canada: A Clinical Practice Guideline. Canadian Journal of Anaesthesia. 2022 Dec 14. In Press. **Coauthor or Collaborator**.
2. Shaurya Taran MD, Priti Gros MD Teneille Gofton MD , Gordon Boyd MD PhD , Joel N Briard MD , Michaël Chassé MD PhD **Jeffrey M Singh MD MSc**. The Reticular Activating System: A Review of Discovery, Evolving Understanding, and Relevance to Current Formulations of Brain Death. Canadian Journal of Anaesthesia. 2022 Aug 25. In Press. **Senior Responsible Author**.
3. **Singh JM**, Ball IM, Hartwick M, Malus E, Soliman K, Boyd JG, Dhanani S, Healey A. Facteurs qui influent sur le consentement au don d'organes : étude rétrospective basée dans la population. CMAJ. 2022 Jan 31;194(4):E134-E142. **Principal Author**.
4. **Singh JM**, Ball IM, Hartwick M, Malus E, Soliman K, Boyd JG, Dhanani S, Healey A. Optimizing Consent in Potential Organ Donors: A retrospective population-based study. CMAJ. 2021 Nov 15. **Principal Author**.
5. Schreiber AF, Garlasco J, Vieira F, Lau YH, Stavi D, Lightfoot D, Rigamonti A, Burns K, Friedrich JO, **Singh JM**, Brochard LJ. Separation from mechanical ventilation and survival after spinal cord injury: a systematic review and meta-analysis. Ann Intensive Care. 2021 Oct 24;11(1):149. **Coauthor or Collaborator**.
6. Chadwick JW, Brooks PJ, **Singh JM**, Lam DK. Prevention of oral and maxillofacial trauma secondary to orofacial dyskinesias associated with anti-N-methyl-D-aspartate receptor encephalitis: a case series. BMC Oral Health. 2021 Oct 10;21(1):511. **Coauthor or Collaborator**.
7. Weiss MJ, Hornby L, Foroutan F, Belga S, Bernier S, Bhat M, Buchan CA, Gagnon M, Hardman G, Ibrahim M, Luo C, Luong ML, Mainra R, Manara AR, Sapir-Pichhadze R, Shalhoub S, Shaver T, **Singh JM**, Srinathan S, Thomas I, Wilson LC, Wilson TM, Wright A, Mah A. Clinical Practice Guideline for Solid Organ Donation and Transplantation During the COVID-19 Pandemic. Transplant Direct. 2021 Oct 1;7(10):e755. **Coauthor or Collaborator**.
8. Domínguez-Gil B, Ascher N, Capron AM, Gardiner D, Manara AR, Bernat JL, Miñambres E, **Singh JM**, Porte RJ, Markmann JF, Dhital K, Ledoux D, Fondevila C, Hosgood S, Van Raemdonck D, Keshavjee S, Dubois J, McGee A, Henderson GV, Glazier AK, Tullius SG, Shemie SD, Delmonico FL. Expanding controlled donation after the circulatory determination of death: statement from an international collaborative. Intensive Care Med. 2021 Mar 1;47(3):265-281. **Coauthor or Collaborator**.
9. van Beinum A, Healey A, Chandler J, Dhanani S, Hartwick M, Lewis A, Marshall C, Marshall J, Shemie S, **Singh JM**. Requests for somatic support after neurologic death determination: Canadian physician experiences. Can J Anaesth. 2021 Mar 1;68(3):293-314. **Coauthor or Collaborator**.
10. Moheet AM, Shapshak AH, Brissie MA, Abulhasan YB, Brophy GM, Frontera J, Hall WR, John S, Kalanuria AA, Kumar A, Lele AV, Mainali S, May CC, Mayer SA, McCredie V, Silva GS, **Singh JM**, Steinberg A, Sung G, Tesoro EP, Yakhkind A. Neurocritical Care Resource Utilization in Pandemics: A Statement by the Neurocritical Care Society. Neurocrit Care. 2020 May 28. **Coauthor or Collaborator**.
11. Ball IM, Hornby L, Rochweg B, Weiss MJ, Gillrie C, Chassé M, D'Aragon F, Meade MO, Soliman K, Ali A, Arora S, Basraji J, Boyd JG, Cantin B, Chaudhury P, Cypel M, Freed D, Frenette AJ, Hruska P, Karvellas CJ, Keenan S, Kramer A, Kutsogiannis DJ, Lien D, Luke P, Mahoney M, **Singh JM**, Wilson LC, Wright A, Zaltzman J, Shemie SD. Management of the neurologically deceased organ donor: A Canadian clinical practice guideline. CMAJ. 2020 Apr 6;192(14):E361-E369. **Coauthor or Collaborator**.

12. Boyd JG, Hartwick M, **Singh JM**, Soliman K, Hornby K, Paltser B, Wilson L, Healey A. Organ donation after cardiocirculatory death following withdrawal of non-invasive positive pressure ventilation: a historical cohort study. Can J Anaesth. 2020 Jan 8. **Coauthor or Collaborator**.
13. J. Gordon Boyd, **Jeffrey M Singh**, Michael Hartwick, Karim Soliman, Karen Hornby, Beth Paltzer, Andrew Healey. Withdrawal of Non-invasive Positive Pressure Ventilation and Donation after Cardiocirculatory Death-A retrospective observational cohort study. Canadian Journal of Anesthesia. 2019 Nov. In Press. **Coauthor or Collaborator**.
14. Healey A, **Singh JM**. Organ donation - emergency medicine's call to action. CJEM. 2019 Sep 1;21(5):569-571. **Co-Principal Author**.
15. Dmytriw AA, Maragkos GA, Zuccato J, **Singh JM**, Wilcox ME, Schweikert S. Use of Antiepileptic Drugs in Aneurysmal Subarachnoid Hemorrhage. Can J Neurol Sci. 2019 Jul 1;46(4):423-429 (Trainee publication). **Coauthor or Collaborator**.
16. Morris AM, Bai A, Burry L, Dresser LD, Ferguson ND, Lapinsky SE, Lazar NM, McIntyre M, Matelski J, Minnema B, Mok K, Nelson S, Poutanen SM, **Singh JM**, So M, Steinberg M, Bell CM. Long-Term Effects of Phased Implementation of Antimicrobial Stewardship in Academic ICUs: 2007-2015. Crit Care Med. 2019 Feb 1;47(2):159-166. **Coauthor or Collaborator**.
17. Taran S, Trivedi V, **Singh JM**, English SW, McCredie VA. The use of standardized management protocols for critically ill patients with non-traumatic subarachnoid hemorrhage: a protocol of a systematic review and meta-analysis. Syst Rev. 2018 Apr 2;7(1):53. **Coauthor or Collaborator**.
18. McCredie VA, Shrestha GS, Acharya S, Bellini A, **Singh JM**, Hemphill JC, Goffi A. Evaluating the effectiveness of the Emergency Neurological Life Support educational framework in low-income countries. Int Health. 2018 Mar 1;10(2):116-124. **Coauthor or Collaborator**.
19. Dresser LD, Bell CM, Steinberg M, Ferguson ND, Lapinsky S, Lazar N, Murphy P, **Singh JM**, Morris AM. Use of a structured panel process to define antimicrobial prescribing appropriateness in critical care. J Antimicrob Chemother. 2017 Sep 26. **Coauthor or Collaborator**.
20. Fehlings MG, Wilson JR, Harrop JS, Kwon BK, Tetreault LA, Arnold PM, **Singh JM**, Hawryluk G, Dettori JR. Efficacy and Safety of Methylprednisolone Sodium Succinate in Acute Spinal Cord Injury: A Systematic Review. Global Spine J. 2017 Sep 1;7(3 Suppl):116S-137S. **Coauthor or Collaborator**.
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65. Shemie SD, Neves Briard J, Boyd JG, Gofton T, Kramer A, Chasse M, Taran S, Gros P, **Singh JM**. Infratentorial brain injury and death by neurologic criteria in Canada: a narrative review. Canadian Journal of Anaesthesia. In Press. **Co-Principal Author**.

Letters to Editor

1. Ball IM, Healey A, Keenan S, Priestap F, Basmaji J, Honarmand K, Parsons Leigh J, Shemie S, Chaudhury P, **Singh JM**, Zaltzman J, Beed S, Weiss M. Organ Donation after Medical Assistance in Dying - Canada's First Cases. N Engl J Med. 2020 Feb 6;382(6):576-577. **Coauthor or Collaborator**.

ePoster

1. Maragkos G, Dmytriw A, Zuccato J, **Singh JM**, Wilcox EM, Schweikert S. Use of Antiepileptic Drugs in Subarachnoid Hemorrhage (ALIBI). American Association of Neurological Surgeons (AANS). 2019 Apr. In Press. **Coauthor or Collaborator**.

Journal Articles, Meta-Analysis

1. Foran SJ, Taran S, **Singh JM**, Kutsogiannis DJ, McCredie V. Timing of tracheostomy in acute traumatic spinal cord injury: A systematic review and meta-analysis. J Trauma Acute Care Surg. 2022 Jan 1;92(1):223-231. **Coauthor or Collaborator**.

Journal Articles, Review

1. Taran S, Steel A, Healey A, Fan E, **Singh JM**. Organ donation in patients on extracorporeal membrane oxygenation: considerations for determination of death and withdrawal of life support. Can J Anaesth. 2020 May 21. **Senior Responsible Author**.

2. NON-PEER-REVIEWED PUBLICATIONS

Journal Articles

1. **Singh JM**, Wax RS. Anemia in the critically-ill patient: An examination of the rationale for recombinant erythropoietin. Critical Care Rounds. 2004 Jan;5(1):1-6. **Principal Author**.
2. **Singh JM**, Stewart TE. High-frequency ventilation. Critical Care Rounds. 2003;4(8):1-6. **Co-Principal Author**.
3. Stanbrook MB, **Singh JM**. Corticosteroid Therapy in Chronic Obstructive Pulmonary Disease. Ontario Thoracic Reviews. 2002;14(3):1-3. **Co-Principal Author**.

Book Chapters

1. **Singh JM**, Baker AJ. Chapter 15: Temperature Considerations in the Determination of Death by Neurologic Criteria. In: Lewis AK, Bernat J, editor(s). Death Determination by Neurologic Criteria: Areas of Controversy and Consensus. 2022. In Press. **Co-Principal Author**.
2. **Jeffrey M. Singh**, Damon C. Scales, Bertrand Guidet, Andreas Valentin and Hans Flaatten. Chapter 17: Implementation of evidence based practice. In: Quality Management in Intensive Care. Cambridge University Press; 2016. **Coauthor or Collaborator**.
3. Wang S, **Singh JM**, Fehlings MG. Chapter 303 - Medical Management of Spinal Cord Injury. In: Youmans and Winn Textbook of Neurological Surgery. 7. Philadelphia (United States): Elsevier; 2016. **Coauthor or Collaborator**.
4. **Singh JM**, Bernstein M. Brain Death. In: Neurosurgical Ethics in Practice: Value-based Medicine. Berlin: Springer-Verlag; 2014. **Principal Author**.
5. Munshi L, **Singh JM**. Organ Donor Management. In: Peter Papadakis and Mark Gestrung, editor(s). Encyclopedia of Trauma Care. Springer; 2014. In Press. **Co-Principal Author**.
6. **Singh JM**, Wax R. Endocrine Emergencies Caroline Emergency Care in the Streets. in RD MacDonald, R Burges (eds), 1st Canadian edition. Sudbury: Jones and Bartlett. **Principal Author**.
7. **Singh JM**, Ferguson ND, Stewart TE. Rationale for High-Frequency Oscillatory Ventilation in Acute Lung Injury. in Ventilator-induced Lung Injury. Dreyfuss D, Saumon, G and Hubmayr R (eds.) Marcel Dekker, New York. 2006. pp 697-710. **Co-Principal Author**.

8. **Singh JM**, Stewart TE. High-frequency ventilation. In: Fink, Abraham, Vincent and Kochanek, editor(s). Textbook of Critical Care. 5. Philadelphia (United States): Elsevier Science; 2005. p. 527-533.
9. **Singh JM**, Stewart TE. High-frequency mechanical ventilation principles and practices in the era of lung-protective ventilation strategies. Respir Care Clin N Am. 2002 Jun;8(2):247-60. **Co-Principal Author**.

Commentaries

1. **Singh JM**. Prone Positioning in Acute Respiratory Distress Syndrome: A Multicenter Randomized Clinical Trial. Practical Reviews in Critical Care Medicine - Oakstone Medical Publishing. 2008 Sep 30. **Principal Author**.
2. **Singh JM**. Don't Dismiss Arterial Lines When Evaluating for Possible Line Sepsis. Practical Reviews in Critical Care Medicine - Oakstone Medical Publishing. **Principal Author**.

Abstract

1. Taran S, Trivedi V, **Singh JM**, English SW, McCredie VA. The Use of Standardized Management Protocols for Critically Ill Patients with Non-traumatic Subarachnoid Hemorrhage: A Systematic Review. Neurocrit Care. 2019 Oct 28.

On-Line Publication

1. MacDonald RD, **Singh JM**. Annotated Bibliography of Critical Care Transport Safety Literature. http://www.medevacfoundation.org/MedEvac/Resource_Library/MedEvac/Resource_Library/Resource_Library.aspx?hkey=0d23e005-1705-40f6-85e5-fbc60c4e6da0. **Coauthor or Collaborator**.

E. Presentations and Special Lectures

1. INTERNATIONAL

Invited Lectures and Presentations

- | | |
|-------------|---|
| 2022 Nov 25 | Invited Speaker . Brain-directed Resuscitation (CCCF/CANCARE Collaboration Cardiac - Arrest Care). Critical Care Canada Forum. Ontario, Canada. |
| 2022 Nov 25 | Invited Speaker . Determination of DNC in Isolated Brainstem Injuries (Deceased Donation Stream: Death by Neurologic Criteria). Critical Care Canada Forum. Ontario, Canada. |
| 2022 Nov 22 | Course Co-Director . CCCF Neurocritical Care Masterclass 2022. Critical Care Canada Forum 2022. Toronto, Ontario, Canada. Co-developed, organized and chaired a full-day CME event in advanced neurocritical care for 45 physicians as a pre-conference symposium to an international meeting. |
| 2022 Nov 22 | Invited Speaker . Anticoagulation, VTE Prophylaxis and Intracranial Hemorrhage: A Fine Balance. Critical Care Canada Forum - Neurocritical Care Masterclass 2022. Ontario, Canada. |
| 2022 Oct 7 | Invited Speaker . Mechanical ventilation in Quadriparetic Spinal Cord Injury. Annual Conference of Neurocritical Care Society of India (NCSI 2022). Delhi, India. |
| 2021 Dec 8 | Invited Speaker . Approach to Seizure Management in the ICU. Critical Care Canada Forum. Ontario, Canada. |
| 2021 Dec 7 | Invited Speaker . Challenging Cases in Neurologic Determination of Death. Critical Care Canada Forum. Ontario, Canada. |

- 2021 Sep 24 **Invited Speaker.** Annual Meeting of the NCS Asia Oceanic Chapter. Indian Society of Critical Care Medicine and Society of Neurocritical Care. Delhi, Delhi, India. Virtual Conference.
- 2021 Mar 20 **Declined invitation.** Alveoli vs. Neurons: Can we Protect the Lungs in Acute Brain Injury? World Critical Care & Anesthesiology Conference. Bangkok, Thailand. Presenter(s): **Jeffrey M Singh.**
- 2021 Jan 21 **Invited Speaker.** Alveoli vs. Neurons: Can we Protect the Lungs in Acute Brain Injury? 5th Saudi CCC International Conference. Saudi Arabia. Presenter(s): **Jeffrey M Singh.**
- 2021 Jan 21 **Invited Speaker.** Subarachnoid Hemorrhage: Update in Management of Delayed Cerebral Ischemia. 5th Saudi CCC International Conference. Saudi Arabia. Presenter(s): **Jeffrey M Singh.**
- 2020 Oct 30 **Invited Speaker.** Annual Meeting of the NCS Asia Oceanic Chapter. Delhi, Delhi, India. Conference cancelled due to COVID-19 pandemic.
- 2020 Sep 22 **Invited Lecturer.** Fundamentals of Mechanical Ventilation. Neurocritical Care Society. United States. Presenter(s): **Jeffrey M Singh.**
- 2020 Sep 22 **Invited Lecturer.** Liberation from Mechanical Ventilation. Neurocritical Care Society. United States. Presenter(s): **Jeffrey M Singh.**
- 2020 Aug 6 **Invited Speaker.** Modern Medical Management of Delayed Cerebral Ischemia After SAH. XII International Neurological Symposium of Santiago. Santiago, Chile. Invited Faulty - virtual symposium due to COVID-19. Available from: <http://www.cinsan.org/eventos/webinars-sins-2020>.
- 2020 Apr 2 **Invited Speaker.** International Meeting on Donation After Circulatory Death. The Transplantation Society. Montreal, Quebec, Canada. Neuroprognostication and Withdrawal Practices :Canada.
- 2019 Nov 11 **Moderator.** Brain Injury. Critical Care Canada Forum. Toronto, Ontario, Canada.
- 2019 Nov 10 **Course Co-Director.** CCCF Neurocritical Care Masterclass 2019. Critical Care Canada Forum 2019. Toronto, Ontario, Canada. Co-developed, organized and chaired a full-day CME event in advanced neurocritical care for 73 physicians as a pre-conference symposium to an international meeting.
- 2019 Nov 10 **Presenter.** Managing Refractory Status Epilepticus. CCCF Neurocritical Care Masterclass 2019. Toronto, Ontario, Canada. Presenter(s): **Jeffrey M Singh.**
- 2019 Oct 16 **Moderator.** International Practices – Mind the Gap. Neurocritical Care Society. Vancouver, British Columbia, Canada.
- 2019 Oct 15 **Invited Speaker.** Airway management and mechanical ventilation in the patient with spinal cord injury. Neurocritical Care Society. Vancouver, British Columbia, Canada. Neurocritical Care Society Annual Meeting.
- 2019 Apr 24 **Invited Lecturer.** Emergency Neurological Life Support (ENLS) and Neurosimulation Workshop. SG-ANZICS. Singapore - No State, Singapore.
- 2018 Nov 8 **Moderator.** Organ Donation - DCD. Critical Care Canada Forum. Toronto, Ontario, Canada. Presenter(s): Ruiz A, Grunau B, Shemie S.
- 2018 Nov 7 **Facilitator.** Deceased Donation. Critical Care Canada Forum 2018. Toronto, Ontario, Canada.
- 2018 Nov 6 **Course Co-Director.** CCCF Neurocritical Care Masterclass 2018. Critical Care Canada Forum 2018. Toronto, Ontario, Canada. Co-developed, organized and chaired a full-day CME event in advanced neurocritical care for 90 physicians as a pre-conference symposium to an international meeting.
- 2018 Nov 6 **Presenter.** Mechanical Ventilation After Acute Spinal Cord Injury. CCCF Neurocritical Care Masterclass 2018. Toronto, Ontario, Canada. Presenter(s): **Jeffrey M Singh.**
- 2018 Oct 19 **Invited Speaker.** Understanding Brain Death. World Congress of Neuroscience Nurses “. Toronto, Ontario, Canada. Presenter(s): **Jeffrey Singh.**

- 2017 Oct 3 **Facilitator.** Deceased Donation. Critical Care Canada Forum 2017. Toronto, Ontario, Canada.
- 2017 Oct 1 **Course Co-Director.** CCCF Neurocritical Care Masterclass 2017. Critical Care Canada Forum 2017. Toronto, Ontario, Canada.
- 2017 Oct 1 **Presenter.** Update in Intracerebral Hemorrhage. CCCF Neurocritical Care Masterclass 2017. Toronto, Ontario, Canada. Presenter(s): **Jeffrey M Singh.**
- 2016 Nov 2 **Moderator.** CCCF Deceased Donation Symposium. Critical Care Canada Forum. Toronto, Ontario, Canada.
- 2016 Nov 2 **Invited Speaker.** What's new in ICH management? Critical Care Canada Forum. Toronto, Ontario, Canada.
- 2016 Oct 29 **Speaker.** Approach to Coma. Emergency Neurological Life Support. Toronto, Ontario, Canada.
- 2016 Oct 29 **Course Director.** Emergency Neurological Life Support. Critical Care Canada Forum Pre-conference Course. Toronto, Ontario, Canada.
- 2016 Oct 29 **Speaker.** Intracranial Hypertension. Emergency Neurological Life Support. Toronto, Ontario, Canada.
- 2016 Jun 27 **Invited Lecturer.** Ventilation and the Brain. University of Toronto IDCCM. Toronto, Ontario, Canada.
- 2015 Oct 28 **Invited Speaker.** New Insights into Subarachnoid Hemorrhage. Critical Care Canada Forum 2015. Toronto, Ontario, Canada.
- 2015 Oct 28 **Moderator.** Monitoring the Injured Brain. Critical Care Canada Forum 2015. Toronto, Ontario, Canada.
- 2014 Nov 25 **Visiting Professor.** Mechanical Ventilation After Acute Spinal Cord Injury. Universitatsspital Basel / Department of Anesthesiology. Basel, Basel-Stadt (de), Switzerland.
- 2014 Nov 24 **Visiting Professor.** Mechanical Ventilation of the Brain Injured Patient. Universitatsspital Basel / Department of Anesthesiology. Basel, Basel-Stadt (de), Switzerland.
- 2014 Oct 31 **Invited Speaker.** Status Epilepticus – Implications outside Neuro-ICU. Critical Care Canada Forum 2014. Toronto, Ontario, Canada.
- 2014 Sep 13 **Invited Speaker.** Neurocritical Care Issues Affecting Mechanical Ventilation. Neurocritical Care Society Meeting. Philadelphia, Pennsylvania, United States. Mechanical Ventilation Workshop.
- 2013 Nov 12 **Invited Speaker.** Mobilizing the ICU: A Roadmap. Critical Care Canada Forum 2013. Toronto, Ontario, Canada.
- 2013 Nov 10 **Invited Speaker.** ICH:Contemporary Management. Critical Care Canada Forum 2013. Toronto, Ontario, Canada.
- 2013 Oct 4 **Invited Speaker.** Emergencies in Mechanical Ventilation. Neurocritical Care Society Meeting. Philadelphia, Pennsylvania, United States. Mechanical Ventilation Workshop.
- 2013 Oct 4 **Invited Speaker.** Neurocritical Care Issues Affecting Mechanical Ventilation. Neurocritical Care Society Meeting. Philadelphia, Pennsylvania, United States. Mechanical Ventilation Workshop.
- 2013 Jul 12 **Invited Speaker.** Mechanical ventilation in the brain injured patient. Sixteenth International Forum of Critical Care Medicine. Mexico City, México, Mexico.
- 2013 Jul 11 **Invited Speaker.** Intracranial Emergencies. Sixteenth International Forum of Critical Care Medicine. Mexico City, México, Mexico.
- 2013 Jul 11 **Invited Speaker.** Update in Intracerebral Hemorrhage. Sixteenth International Forum of Critical Care Medicine. Mexico City, México, Mexico.
- 2012 Oct 31 **Facilitator.** Targeting and Monitoring Sedation. Critical Care Canada Forum 2012.

- 2012 Oct 31 **Facilitator.** Quality & Safety II - Practical Applications. Critical Care Canada Forum 2012.
- 2012 Oct 31 **Invited Speaker.** Assessing Delirium in Pts with Acute Brain Injuries. Critical Care Canada Forum 2012.
- 2012 Oct 31 **Invited Speaker.** Wake Up and Breathe: A Quality Improvement Project. Critical Care Canada Forum 2012. Toronto, Ontario, Canada.
- 2012 Oct 30 **Invited Speaker.** Management of Intracranial emergencies. Critical Care Canada Forum 2012. Toronto, Ontario, Canada.
- 2012 Oct 30 **Facilitator.** Caring for the Brain-Injured Patient II. Critical Care Canada Forum 2012.
- 2012 Oct 23 **Invited Speaker.** What to Do When SpO2 is Low But Your Altitude Is High. Air Medical Transport Conference. Seattle, Washington, United States.
- 2012 Oct 22 **Invited Speaker.** Transport Ventilation in Brain Injury : Why it Matters! Air Medical Transport Conference. Seattle, Washington, United States.
- 2012 May 21 **Facilitator.** Non-Pulmonary and Critical Care. American Thoracic Society. San Francisco, California, United States. (Continuing Education).
- 2011 Nov 16 **Invited Speaker.** Mechanical Ventilation in Brain Injury. Critical Care Canada Forum 2011. Toronto, Ontario, Canada. Presenter(s): Dr. **Jeffrey Singh**.
- 2011 Nov 16 **Facilitator.** Neuro Critical Care II. Critical Care Canada Forum 2011. Toronto, Ontario, Canada.
- 2011 Nov 14 **Facilitator.** Plenary RCT. Critical Care Canada Forum 2011. Toronto, Ontario, Canada.
- 2011 May 14 **Invited Speaker.** Brain Injury and Increased ICP. American Thoracic Society Postgraduate Course on Mechanical Ventilation. Denver, Colorado, United States. Presenter(s): **Jeffrey M Singh**. (Continuing Education).
- 2011 Mar 18 **Invited Speaker.** Preclinical Delivery of SCI Care. North American Clinical Trials Network Meeting. Ontario, Canada. Presenter(s): Dr. **Jeffrey Singh**.
- 2010 Nov 9 **Facilitator.** Caring for the Brain-Injured Patient. Critical Care Canada Forum 2010.
- 2010 Nov 9 **Invited Speaker.** CO2 control in subarachnoid hemorrhage. Critical Care Canada Forum 2010.
- 2010 Oct 13 **Invited Speaker.** Do the Benefits of Regionalized Care Outweigh the Risks of Interfacility Transport? Air Medical Transport Conference - Association of Air Medical Services. Fort Lauderdale, Florida, United States. Presenter(s): **Jeffrey M Singh** / Russell MacDonald. (Continuing Education).
- 2010 Jan 6 **Invited Speaker.** Critical Care and Patient Safety: Lessons from downstream to inform transport. National Emergency Medical Service Physicians Association. Phoenix, Arizona, United States. Presenter(s): **Jeffrey Singh**.
- 2009 Oct 28 **Invited Speaker.** Mechanical Ventilation in the Brain Injured Patient. Critical Care Canada Forum 2009.
- 2009 Oct 28 **Facilitator.** Resuscitation and Transportation. Critical Care Canada Forum 2009.
- 2009 Oct 28 **Invited Speaker.** Should I stay or should I Go – ICU Transport. Critical Care Canada Forum 2009.
- 2009 Oct 28 **Facilitator.** Managing Brain Injury. Critical Care Canada Forum 2009.
- 2009 Jan 6 **Invited Speaker.** Critical Care and Patient Safety: What can be learned from other disciplines. North American Emergency Medical Services Physician Conference. Phoenix, Arizona, United States. (Continuing Education).
- 2008 Nov 13 **Invited Speaker.** Health Outcomes of Transported Critically-ill Patients. Critical Care Canada Forum 2008.

2008 Nov 13 **Symposium Moderator.** Transport – In Hospital and Out. Critical Care Canada Forum 2008.

2008 Nov 11 **Symposium Moderator.** Resuscitation. Critical Care Canada Forum 2008.

Presented Abstracts

2016 Jun 8 Incidence, Composition and Predictors of In-Transit Critical Events During Pediatric & Critical Care Societies. 8th World Congress of the World Federation of Pediatric Intensive & Critical Care Societies. Presenter(s): **J.M. Singh**, A. Gunz, S. Dhanani, M. Aghari, R. MacDonald.

2016 May 17 **Presenter.** Feasibility and Tolerability of Neurally Adjusted Ventilatory Assist in Cervical Spinal Cord Injury. ATS. San Francisco, California, United States. Presenter(s): **JM Singh**, A Matte, N Comtois, D Chen, JA Spahija. Poster.

2012 Oct 23 **Presenter.** Impact of a Brief Targeted Educational Initiative on Intubation Success in a Transport Medicine Setting. Air Medical Transport Conference 2012. Seattle, Washington, United States.

Presented and Published Abstracts

2018 Sep Novel In Situ Interprofessional Neurocritical Care Simulation Curriculum to Foster Crisis Resource management Skills. Neurocritical Care Society Annual Meeting. Boca Raton, Florida, United States. Presenter(s): Sinyi R.

Publication Details:

Sinyi R, McCredie VA, Giammarioli B, **Singh JM**, Goffi A. Novel In Situ Interprofessional Neurocritical Care Simulation Curriculum to Foster Crisis Resource management Skills. Neurocritical care. 2018 Sep 21;29:2-363. **Coauthor or Collaborator.**

2014 Jan 14 Adverse Events During Land-Based Urgent Critical Care. NAEMSP. United States. Presenter(s): Russell MacDonald.

Publication Details:

Singh JM, MacDonald RD, Ahghari M. Adverse Events During Land-Based Urgent Critical Care. Prehosp Emerg Care. 2014 Jan 14;18:138. **Principal Author.**

2013 May 1 Ventilation Practices in Subarachnoid Hemorrhage: Exploring the Use of Lung Protective Ventilation.

Publication Details:

Marhong JD, Ferguson ND, **Singh JM**. Ventilation Practices in Subarachnoid Hemorrhage: Exploring the Use of Lung Protective Ventilation. AJRCCM. 2013 May 1;187(Abstracts):A3014. **Senior Responsible Author.**

2012 Oct 29 `Wake Up and Breathe`: Implementation and impact of a program to improve Sedation Practices and Delirium Screening in the ICU. Canada. Available from: http://www.criticalcarecanada.com/abstracts/2012/wake_up_and_breathe_implementation_and_impact_of_a_program_to_improve_sedation_practices_and_delirium_screening_in_the_icu.php.

Publication Details:

M Ettinger, J. Bell, E. Mew, S. Dhalla, D. Man, **JM Singh**, ME Wilcox. `Wake Up and Breathe`: Implementation and impact of a program to improve Sedation Practices and Delirium Screening in the ICU. Abstracts of the Critical Care Canada Forum 2012. (Online). **Senior Responsible Author.**

Media Appearances

2011 Dec 15 **Interview.** Ventilating Brain-Injured Patients. Interviewer: Michael Gibbons. Advance for Respiratory Care and Sleep Medicine. <http://respiratory-care-sleep-medicine.advanceweb.com/Features/Articles/Ventilating-Brain-Injured-Patients.aspx>. Available from:

<http://respiratory-care-sleep-medicine.advanceweb.com/Features/Articles/Ventilating-Brain-Injured-Patients.aspx>.

Invitation - declined

2019 Jul **Invited Speaker.** Neurocritical Care / Subarachnoid Hemorrhage. CINSAN - International Symposium of Neurology of Santiago 2019. Santiago, Chile.

Invited Lectures (Declined)

2013 Jan 24 **Invited Speaker.** Neuroprotective Strategies for the Injured Brain. Caribbean Neurosciences Symposium 2013. Kingston, Jamaica.

2011 Sep 22 **Invited Speaker.** Mechanical Ventilation - Neurocritical Care Review Course. Neurocritical Care Society Annual Meeting. Montreal, Quebec, Canada. declined due to conflict.

2011 Sep 21 **Facilitator.** Airway Workshop - Neurocritical Care Review Course. Neurocritical Care Society Annual Meeting. Montreal, Quebec, Canada. declined due to conflict.

Invited Moderator

2015 Oct 28 **Moderator.** Abstract Poster Station 'Mash Up". Critical Care Canada Forum 2015. Toronto, Ontario, Canada.

Other Presentations

2020 Sep 22 **Course Director.** Mechanical Ventilation Boot Camp. Neurocritical Care Society. United States. Presenter(s): **Jeffrey M Singh**, Victoria McCredie, Irene Telias, Vikram Dhawan, Richard Riker. Conceived, organized, promoted and oversaw a mechanical ventilation workshop for practicing neurointensivists. The workshop was held at the international NCS meeting which was virtual instead of Phoenix , AZ due tot the pandemic.

2. NATIONAL

Invited Lectures and Presentations

2022 Apr 12 **Invited Speaker.** Transporting Mechanically Ventilated Patients. Mechanical Ventilation: From physiology to clinical practice Toronto IDCCM Education Course. Toronto, Ontario, Canada. Presenter(s): **Jeffrey Singh**.

2022 Apr 11 **Invited Speaker.** Case discussion: mechanical ventilation in acute brain injury. Mechanical Ventilation: From physiology to clinical practice Toronto IDCCM Education Course. Toronto, Ontario, Canada. Presenter(s): Shaurya Taran, **Jeffrey Singh**.

2022 Mar 11 **Invited Speaker.** "Organ Donation in Canada - evolving epidemiology and insights into success". Department of Medicine, Memorial University. St John's, Newfoundland and Labrador, Canada. Presenter(s): **Jeffrey Singh**.

2020 Jul 23 **Invited Speaker.** Brain Death and Organ Donor Management. 2020 Canadian Critical Care Review. Toronto, Ontario, Canada.

2019 Jun 7 **Invited Speaker.** Brain Death and Organ Donor Management. 2019 Canadian Critical Care Review. Toronto, Ontario, Canada.

2018 May 31 **Invited Speaker.** Neurological Critical Care. 2018 Canadian Critical Care Review. Toronto, Ontario,

Jeffrey Mahan SINGH

Canada.

- 2017 Jun 1 **Invited Speaker.** Neurological Critical Care. 2017 Canadian Critical Care Review. Toronto, Ontario, Canada.
- 2017 Apr 26 **Invited Speaker.** Mechanical Ventilation in the Brain-Injured Patient. CCCF Mechanical Ventilation Course. Toronto, Ontario, Canada.
- 2016 Jun 3 **Invited Speaker.** Neurological Critical Care. 2016 Canadian Critical Care Review. Toronto, Ontario, Canada.
- 2015 Dec 16 **Invited Speaker.** Update in Neurological Emergencies. Ornge Transport Medicine. Toronto, Ontario, Canada. Presenter(s): **Jeffrey Singh.** (Continuing Education).
- 2015 Sep 24 **Moderator.** Components of a Successful Weaning Program - Optimizing Your Patient. CCCF - Weaning Symposium. Toronto, Ontario, Canada. Presenter(s): L. Brochard, E. Goligher, L. Burry, A. Jubran, K. Bosma.
- 2015 Sep 24 **Expert Panel Speaker.** Group Round Table II. Systems of Care for the Difficult-to-Wean Patient. CCCF - Weaning Symposium. Toronto, Ontario, Canada.
- 2015 Jun 4 **Invited Speaker.** Neurocritical Care Review. Canadian Critical Care Review. Toronto, Ontario, Canada.
- 2014 May 3 **Keynote Speaker.** Increasing Mobility in Critical Care: An Integrated Approach. Cardiorespiratory Physical Therapy and Early Mobility Skills in Acute Care. Toronto, Ontario, Canada.
- 2013 Apr **Visiting Professor.** Strategies for Improving Neurologic and Functional Outcomes of Mechanically-Ventilated Patients in the ICU: An Interactive Workshop. Vancouver General Hospital. Montreal, Quebec, Canada.
- 2012 Nov 15 **Visiting Professor.** Department of Emergency Medicine Grand Rounds: Alphabet Soup: TBI, ICP, PEEP & ARDS. University of Ottawa Department of Emergency Medicine. Ottawa, Ontario, Canada.
- 2012 Nov 15 **Visiting Professor.** Emergent Care of Neurological Emergencies: A Practical Review. University of Ottawa Department of Emergency Medicine. Ottawa, Ontario, Canada.
- 2012 Sep 19 **Visiting Professor.** Strategies for Improving Neurologic and Functional Outcomes of Mechanically-Ventilated Patients in the ICU : An Interactive Workshop. Foothills Medical Centre. Calgary, Alberta, Canada.
- 2012 Sep 18 **Visiting Professor.** Strategies for Improving Neurologic and Functional Outcomes of Mechanically-Ventilated Patients in the ICU: An Interactive Workshop. Vancouver General Hospital. Vancouver, British Columbia, Canada.
- 2012 May 28 **Invited Speaker.** Transportation of the Critically-Ill Patient. Canadian Critical Care Review. Toronto, Ontario, Canada. Presenter(s): **Jeffrey Singh.**
- 2012 May 15 **Invited Speaker.** Update in Neurological Emergencies. Ornge Transport Medicine. Toronto, Ontario, Canada. Presenter(s): **Jeffrey Singh.** (Continuing Education).
- 2009 May 24 **Invited Speaker.** Transportation of the Critically-Ill Patient. Canadian Critical Care Review. Toronto, Ontario, Canada. Presenter(s): **Jeffrey Singh.**
- 2008 May 25 **Invited Speaker.** Transportation of the Critically-Ill Patient. Canadian Critical Care Review.

Presented Abstracts

- 2019 May 9 Use of the Anesthetic Conserving Device (AnaConDa) in ICU: A single centre experience and RT perspective. Canadian Society of Respiratory Therapists. Niagara Falls, Ontario, Canada. Presenter(s): Veena Dakonda, Fawad Noor. Supervised work/abstract / poster presentation.

3. PROVINCIAL / REGIONAL

Invited Lectures and Presentations

- 2017 Dec 6 **Speaker.** Neuroprognostication. Trillium Gift of Life Network - Joint Organ and Tissue Donation Coordinator Day. Toronto, Ontario, Canada.
- 2017 Dec 6 **Speaker.** Ancillary Testing - Principles and Practice. Trillium Gift of Life Network - Joint Organ and Tissue Donation Coordinator Day. Toronto, Ontario, Canada.
- 2017 Dec 6 **Facilitator.** Small Group Learning - Difficult Cases in NDD. Trillium Gift of Life Network - Joint Organ and Tissue Donation Coordinator Day. Toronto, Ontario, Canada.
- 2017 Oct 18 **Invited Speaker.** What You Can Do to Save Lives Through Organ Donation. Hamilton Health Sciences Respiratory Therapist Education Day. Hamilton, Ontario, Canada. Presenter(s): **Jeffrey Singh.**
- 2017 Apr 28 **Invited Speaker.** GTA Donation Nursing Conference - Optimizing Donor Potential. Trillium Gift of Life Network. Toronto, Ontario, Canada. Presenter(s): **Jeffrey Singh.**
- 2016 Oct 4 **Presenter.** NDD and discontinuation of support: consent issues. Trillium Gift of Life Network. Toronto, Ontario, Canada. Webinar.
- 2014 May 7 **Invited Speaker.** Donation After Cardiac Death: Expanding Families' Choices at End-of-Life. Evolutions Conference: Canadian Association of Critical Care Nurses - Toronto Chapter. Toronto, Ontario, Canada. Presenter(s): **Singh JM**, Bradley K.
- 2012 Nov 9 **Invited Speaker.** Trauma - Time is Spine. Acute Spinal Care Triage and Management Symposium. Toronto, Ontario, Canada.
- 2012 Apr 30 **Invited Speaker.** Evolutions in Critical Care. Canadian Association of Critical Care Nurses (Toronto Chapter). Ontario, Canada. Getting Patients Awake, Breathing and Delirium-Free: A Journey in Quality Improvement.

4. LOCAL

Invited Lectures and Presentations

- 2022 Apr 29 **Invited Speaker.** Inotropes and Vasopressors. Krembil Stroke Rounds. Toronto, Ontario, Canada. Presenter(s): **Jeffrey Singh.**
- 2020 Apr 30 **Invited Speaker.** Neurocritical Care of NMDA-R Encephalitis: An interprofessional team effort. KBI Neuroscience Rounds. Toronto, Ontario, Canada. Presenter(s): **Jeffrey M Singh.**
- 2020 Apr 24 **Invited Speaker.** COVID-19 and Neurocritical care. University of Toronto Neurology Grand Rounds. Toronto, Ontario, Canada. Presenter(s): Part of panel discussion.
- 2019 Mar 6 **Invited Speaker.** Mechanical ventilation after acute spinal cord injuries. St Michael's Hospital Respiratory Therapy Rounds. Toronto, Ontario, Canada.
- 2018 May 15 **Invited Speaker.** Intracerebral Hemorrhage: Improving Prognosis and Honoring Wishes at End of Life. TGLN Physician Education Night. Burlington, Ontario, Canada. Presenter(s): **Jeffrey M Singh.**
- 2018 May 4 **Invited Speaker.** Optimizing End of Life Care by Inclusion of Organ Donation. UHN Department of Anesthesia Grand Rounds. Toronto, Ontario, Canada. Presenter(s): **Jeffrey M Singh.**
- 2018 Apr 13 **Invited Speaker.** Neurological Determination of Death: Management Considerations. TGLN TGH Nursing Donation Conference. Toronto, Ontario, Canada. Presenter(s): **Jeffrey M Singh.**

- 2018 Apr 13 **Invited Speaker.** Optimizing Donor Potential: Donation After Cardio-Circulatory Death (DCD). TGLN TGH Nursing Donation Conference. Toronto, Ontario, Canada. Presenter(s): **Jeffrey M Singh.**
- 2017 May 30 **Chair.** Neurophysiology. U of T IDCCM Critical Care Physiology Rounds. Toronto, Ontario, Canada. Presenter(s): Peter Carlen.
- 2017 Mar 28 **Invited Speaker.** Neuro-ICU Simulation Day Neurological Determination of Death. IDCCM. Ontario, Canada.
- 2017 Feb 1 **Invited Speaker.** Organ Donation. Credit Valley Hospital Division of Emergency Medicine. Ontario, Canada.
- 2016 Dec 7 **Facilitator.** Whole Brain vs. Brain Stem Death. Trillium Gift of Life Network - Joint Organ and Tissue Donation Coordinator Day. Toronto, Ontario, Canada.
- 2016 Dec 7 **Facilitator.** ABGs and Apnea Testing. Trillium Gift of Life Network - Joint Organ and Tissue Donation Coordinator Day. Toronto, Ontario, Canada.
- 2016 Nov 24 **Invited Speaker.** Postoperative Delirium and Cognitive Dysfunction. TWH Neurocritical Care/Neuroanesthesia Rounds. Toronto, Ontario, Canada. Presenter(s): **Jeffrey Singh.**
- 2014 Oct 14 **Invited Lecturer.** Ventilatory Strategies In patients With Spinal Cord Injury. INSPIRE Rounds - Respiratory Therapy Professional Practice (St Michael's Hospital). Toronto, Ontario, Canada.
- 2014 Jun 11 **Invited Speaker.** Delirium Screening in the ICU: The highs and lows of improving sedation stewardship and delirium screening. Sunnybrook Critical Care. Toronto, Ontario, Canada.
- 2014 May 29 **Invited Speaker.** Should we suppress spontaneous hyperventilation in acute brain injury? University of Toronto Critical Care Physiology Rounds. Toronto, Ontario, Canada.
- 2014 Apr 4 **Invited Speaker.** Postoperative Delirium in the ICU. University Health Network Department of Anesthesia. Toronto, Ontario, Canada.
- 2013 Oct 10 **Invited Speaker.** Studying Quality Improvement in the ICU: The highs and lows of improving sedation practices. Hospital for Sick Children - Department of Critical Care Medicine. Toronto, Ontario, Canada.
- 2013 Apr 25 **Invited Speaker.** National Organ and Tissue Donation Awareness Week - UHN Donation State of the Union. MultiOrgan Transplant Program. Toronto, Ontario, Canada.
- 2013 Jan 30 **Invited Lecturer.** Neurocritical Care Review. Mount Sinai Hospital Division of Emergency Medicine. Toronto, Ontario, Canada. Presenter(s): **Jeffrey Singh.** (Continuing Education).
- 2012 Nov 12 **Panel Discussion Member.** CAHO Antimicrobial Stewardship Program in Intensive Care Units (ICU) ARTIC Project. Antimicrobial Stewardship Program - Mount Sinai Hospital and University Health Network. Ontario, Canada.
- 2012 Aug 21 **Invited Lecturer.** Critical Care Medicine Half-Day : Neurophysiology Review. Interdepartmental Division of Critical Care Medicine. Toronto, Ontario, Canada.
- 2012 Jun 12 **Invited Panel Member.** Leadership and Administrative Day for Clinical Fellows. University of Toronto Interdepartmental Division of Critical Care Medicine. Toronto, Ontario, Canada.
- 2011 Nov 28 **Invited Speaker.** Delirium in the ICU: There is nothing pleasant about being 'pleasantly confused'. Krembil Neuroscience Symposium. Toronto, Ontario, Canada. Presenter(s): **Jeffrey M Singh.** (Continuing Education).
- 2011 May 25 **Speaker.** Quality Improvement in the TWH ICU: Pitfalls, Problems and Pinnacles. University Health Network - Department of Medicine Medical Grand Rounds. Toronto. Presenter(s): Dr. **Jeffrey Singh.**
- 2010 Nov 26 **Invited Speaker.** Salt and Water Imbalances after Acute Brain Injury: Sometimes the Doctor is Worse Than the Disease. Krembil Neuroscience Symposium. Toronto, Ontario, Canada. Presenter(s): **Jeffrey M**

Singh. (Continuing Education).

- 2010 Sep 30 **Invited Speaker.** TCD for Vasospasm Screening: A Team Approach. The Joint Department of Medical Imaging Educational Day. Canada. (Presentation to Patients/Public).
- 2010 Jun 15 **Speaker.** University of Toronto Critical Care Annual Leaders and Administration Day. Academic versus Community ICU Practice. Toronto, Ontario, Canada. Presenter(s): Dr. **Jeffrey Singh.** (Continuing Education).
- 2007 **Speaker.** Management of Raised Intracranial Pressure. Krembil Neuroscience Symposium. (Continuing Education).

Presented Abstracts

- 2011 Jun 21 **Poster Presentation.** Venous Thromboembolism and Prophylaxis in the Critically Ill Patient with Liver Failure: A Retrospective Cohort Study. Interdepartmental Division of Critical Care Medicine. Toronto. Presenter(s): Dr. Timothy Paterson. Critical Care Medicine Day. (Trainee Presentation).

5. OTHER

Invited Lectures and Presentations

- 2023 Apr 20 **Invited Speaker.** Mechanical Ventilation During Patient Transport. Critical Care Canada Forum Mechanical Ventilation Course 2023. Toronto, Ontario, Canada. Presenter(s): Shaurya Taran Jeffrey **M Singh.**
- 2023 Apr 19 **Invited Speaker.** Mechanical Ventilation After Brain Injury. Critical Care Canada Forum Mechanical Ventilation Course 2023. Toronto, Ontario, Canada. Presenter(s): Shaurya Taran Jeffrey **M Singh.**
- 2019 Apr 21 **Invited Speaker.** Mechanical Ventilation After Acute Brain Injuries. SG-ANZICS Asia Pacific Intensive Care Forum. Singapore - No State, Singapore.
- 2019 Jan 15 **Invited Lecturer.** Academic Half-Day - Mechanical Ventilation: Considerations in Neurocritical Care. Interdepartmental Division of Critical Care Medicine. Toronto, Ontario, Canada. Presenter(s): **Jeffrey Singh.**

Presented and Published Abstracts

- 2012 Oct 29 Challenges and Unintended Benefits of Implementing a Screening Program for ICU Delirium.
- Publication Details:*
S Vorona, P Farias, E Mew, R Albert, E Fan, **JM Singh.** Challenges and Unintended Benefits of Implementing a Screening Program for ICU Delirium. Critical Care Canada Forum. **Senior Responsible Author.**
- 2012 Oct 29 Challenges in Assessing Delirium in the Neurointensive Care Unit.
- Publication Details:*
P Farias, K Wheeler, E Mew, R Albert, E Fan, **JM Singh.** Challenges in Assessing Delirium in the Neurointensive Care Unit. Critical Care Canada Forum. **Senior Responsible Author.**
- 2012 Oct 29 Development of the Acute Respiratory Distress Syndrome in the Intensive Care Unit.
- Publication Details:*
G Martyn, R Albert, **JM Singh,** S Lapinsky, A Steel, ND Ferguson, I Galvin. Development of the Acute

Respiratory Distress Syndrome in the Intensive Care Unit. Critical Care Canada Forum. **Coauthor or Collaborator.**

2012 Oct 29 A Case of Life Threatening Dabigatran-Induced Gastrointestinal Hemorrhage Required Transfusion and Renal Replacement Therapy.

Publication Details:

D Man, **JM Singh**. A Case of Life Threatening Dabigatran-Induced Gastrointestinal Hemorrhage Required Transfusion and Renal Replacement Therapy. Critical Care Canada Forum. **Senior Responsible Author.**

2012 Oct 29 Effect Of Prospective Audit And Feedback As Part Of An ICU Antimicrobial Stewardship Program On Antimicrobial Susceptibility To Pseudomonas Aeruginosa.

Publication Details:

K Duplisea, T Jivraj, S Poutanen, S Nelson, L Dresser, M Steinberg, S Lapinsky, N Lazar, **JM Singh**, C Bell, A Morris. Effect Of Prospective Audit And Feedback As Part Of An ICU Antimicrobial Stewardship Program On Antimicrobial Susceptibility To Pseudomonas Aeruginosa. Critical Care Canada Forum. **Co-Principal Author.**

2012 Oct 29 Impact Of Antimicrobial Stewardship Prospective Audit And Feedback Program On Fungemia In The Intensive Care Unit.

Publication Details:

L Dresser, T Jivraj, M Steinberg, K Duplisea, S Nelson, S Poutanen, **JM Singh**, N Lazar, S Lapinsky, A Morris. Impact Of Antimicrobial Stewardship Prospective Audit And Feedback Program On Fungemia In The Intensive Care Unit. Critical Care Canada Forum. **Coauthor or Collaborator.**

2012 Oct 29 Does Vasospasm Increase the Transfusion Rates in Patients with Aneurysmal Subarachnoid Hemorrhage?

Publication Details:

S Tymianski, **JM Singh**, L Venkatraghavan. Does Vasospasm Increase the Transfusion Rates in Patients with Aneurysmal Subarachnoid Hemorrhage? Critical Care Canada Forum. **Coauthor or Collaborator.**

2012 May Challenges in Assessing Delirium In The Neurointensive Care Unit.

Publication Details:

Farias, P., Wheeler, K., Mew, E., Fan, E., **Singh, JM**. Challenges in Assessing Delirium In The Neurointensive Care Unit. American Thoracic Society International Conference Abstracts. 2012 May;185(Online):A4015. **Senior Responsible Author.**

2012 May A Quality Improvement Initiative To Screen For ICU Delirium and Improve Sedation Practices.

Publication Details:

Mew, E., Farias, P., Wheeler, K., Fan, E., **Singh, JM**. A Quality Improvement Initiative To Screen For ICU Delirium and Improve Sedation Practices. American Thoracic Society International Conference Abstracts. 2012 May;185(Online):A1614. **Senior Responsible Author.**

2010 Impact Of An Electronic Screening Log on Accuracy and Duration of Daily Screening for Clinical Trials in the Intensive Care Unit.

Publication Details:

Go SL, Matte A, **Singh JM**. Impact Of An Electronic Screening Log on Accuracy and Duration of Daily Screening for Clinical Trials in the Intensive Care Unit. 2010. Am J Respir Crit Care Med 181; 2010:A6045. **Senior Responsible Author.**

2010 Spontaneous Hypocapnea in Patients with Aneurysmal Subarachnoid Hemorrhage: A Retrospective Study to Determine Incidence and Associations with Clinical Outcomes.

Publication Details:

Solaiman O, **Singh JM**. Spontaneous Hypocapnea in Patients with Aneurysmal Subarachnoid Hemorrhage: A Retrospective Study to Determine Incidence and Associations with Clinical Outcomes. Am J Respir Crit Care Med. 2010;181(Online):A3028. **Senior Responsible Author**.

- 2009 Improving Quality, Safety and Costs by Implementing a Performance Measurement and Management Approach for Common Investigations in the ICU.

Publication Details:

Singh JM, Wilcox ME, Chung K, Lazar N, McIntaggart S, Stewart TE. Improving Quality, Safety and Costs by Implementing a Performance Measurement and Management Approach for Common Investigations in the ICU. Intensive Care Medicine. 2009;35(1):S174. European Society of Intensive Care Medicine Annual Congress 2009, Brussels, Belgium. Abstract 0669. **Principal Author**.

- 2009 Hypocapnea in Aneurysmal Subarachnoid Hemorrhage: Incidence, Severity and Association with Clinical Outcomes.

Publication Details:

Solaiman OM, **Singh JM**. Hypocapnea in Aneurysmal Subarachnoid Hemorrhage: Incidence, Severity and Association with Clinical Outcomes. Presented at the Neurocritical Care Society Meeting 2009, New Orleans, USA. Neurocrit Care 2009, 11:S152.

- 2007 Interfacility Transport of Acutely-Ill Patients: Incidence of In-Transit Critical Events.

Publication Details:

Singh JM, MacDonald RD, Bronskill SE, Schull MJ. Interfacility Transport of Acutely-Ill Patients: Incidence of In-Transit Critical Events. Am J Respir Crit Care Med. 2007; 175 (Abstracts Issue):795.

- 2007 Lung-Protective Ventilation During Out-of-Hospital Transport of Patients with / at Risk for ALI/ARDS.

Publication Details:

Singh JM, Ferguson ND, MacDonald RD, Stewart TE, Schull MJ. Lung-Protective Ventilation During Out-of-Hospital Transport of Patients with / at Risk for ALI/ARDS. Am J Respir Crit Care Med. 2007; 75 (Abstracts Issue):795. **Principal Author**.

- 2006 Non-Radioactive Cesium Toxicity: A case of treatment using Prussian Blue.

Publication Details:

Thurgur LD, **Singh JM**, Thompson MA. Non-Radioactive Cesium Toxicity: A case of treatment using Prussian Blue. Clinical Toxicology. 2006;44:625–783. North American Congress of Clinical Toxicology. **Co-Principal Author**.

- 2005 Utilization Patterns of Ontario's Critical Care Referral and Transfer Facilitation Program.

Publication Details:

Grieve CF, Ferguson ND, Adhikari N, **Singh JM**, Moneta SL, Demajo W, Stewart TE, Scales DC. Utilization Patterns of Ontario's Critical Care Referral and Transfer Facilitation Program. Proceedings of the American Thoracic Society 2005; 2:A597.

F. Research Supervision

1. PRIMARY OR CO-SUPERVISION

Undergraduate Education

2012 May - 2012 Aug **Primary Supervisor.** B. Sc. Emma Mew. Supervisee Position: Undergraduate Student, Supervisee Institution: Dalhousie University. *Evaluation of a Quality Improvement Initiative: Delirium Screening in the ICU.*

Undergraduate MD

2014 May - 2014 Aug **Primary Supervisor.** Year 4. Emma Mew. Supervisee Position: Summer Student. *ABCDE Quality Improvement Initiative.*

Postgraduate MD

2013 - 2015 **Primary Supervisor.** Core Program. Stephanie Go. Supervisee Position: Resident, Supervisee Institution: University of Toronto. *Thromboprophylaxis in patients with Intracerebral Hemorrhage: A Quality Improvement Project.*

2012 Jan - 2014 Jun **Primary Supervisor.** Clinical Fellow. Jonathan Marhong. Supervisee Position: internal medicine resident, Supervisee Institution: University of Toronto. *Exploring the use of lung protective ventilation in subarachnoid hemorrhage.* Completed 2014.

2010 Sep - 2011 Jun **Primary Supervisor.** Clinical Fellow. Timothy Paterson. Supervisee Position: Critical Care Fellow, Supervisee Institution: Toronto Western Hospital. *Venous thromboembolism in critically ill patients with liver failure: risk and current practice.* Completed 2011.

2009 Mar - 2011 Jun **Primary Supervisor.** Clinical Fellow. Othman Solaiman. Supervisee Position: Neurocritical Care Fellow, Supervisee Institution: Toronto Western Hospital. *Spontaneous Hyperventilation in Subarachnoid Hemorrhage.* Completed 2011.

2. OTHER SUPERVISION

Graduate Education

Thesis Committee Member

2020 Jul - 2021 Jun **PhD.** Annia Schreiber, Medical Science, Health Services and Policy Research. *Role of Accessory Muscles in Patients with Prolonged Weaning from Mechanical Ventilation.* Supervisor(s): Laurent Brochard, Darlene Reid.