

## Curriculum Vitae

### **Balwinder Singh, MD, MS**

Office address: Department of Psychiatry and Behavioral Science,  
University of North Dakota School of Medicine and Health Sciences,  
1919 Elm Street N,  
Fargo, ND, 58102-2416

### **Medical School - Goa Medical College, Goa, India (1999 – 2005)**

Bachelor of Medicine and Surgery (M.B.B.S.)

### **Graduate School - Mayo Graduate School, Rochester, MN (2012 - 2013)**

Degree: Master of Biomedical Sciences (M.S.), Clinical & Translational Science

**Chief Resident** (July 2016 to present): Department of Psychiatry & Behavioral Science, UND School of Medicine & Health Sciences

**Psychiatry Resident (PGY - 4)** at the University of North Dakota School of Medicine & Health Sciences, Fargo, ND

### **Work experience/ Moonlighting** (Inpatient psychiatric unit):

1. 07/2016 to current - Prairie St. John's Hospital, Fargo, ND
2. 07/2016 to current - Sanford Medical Center, Fargo, ND

### **Research Experience:**

Current projects –

- **Comfort Level and Barriers to the Appropriate use of Clozapine** for the treatment of patients with **Schizophrenia/Schizoaffective disorder (CLB-ACS2)** among the US psychiatric residents attending ACGME affiliated programs (IRB # 201505-358). *Role: Principal Investigator*
- **Contemporary Trends in the Usage of Antipsychotics and Outcomes in Schizophrenia Spectrum Disorders in a Population-Based Sample.** *Role: Co-Investigator*
- **Assessing the temporal relationship between gait speed and cognitive decline in patients with severe obesity.** *Role: Principal Investigator*

Past research positions and projects –

- 09/2013 to 09/2015 (Research Collaborator) – Department of Neurology, Mayo Clinic, Rochester, MN
- 2012 - 2013 (Post-doctoral Research fellow), Principal Investigator – Ronald Petersen, MD, PhD, Behavioral Neurology, Alzheimer's disease Research Center, Mayo Clinic, Rochester, MN
- Research on predictors of cognitive decline with emphasis on the role of chronic obstructive lung disease in cognitive decline.
- Completed Masters' in Biomedical Sciences, Thesis titled "Association of Chronic Obstructive Pulmonary Disease with Mild Cognitive Impairment".
- 2011 - 2012 (Research Trainee & Research fellow), Division of Pulmonary and Critical Care Medicine, Mayo Clinic, Rochester, MN
- Research focus on the epidemiology of the critical care syndromes, simulation modeling, and evidence-based medicine.
- 2009 - 2010 (Research Visitor/Research fellow), University of Alabama at Birmingham (UAB), Alabama

- 06/2010 – 06/2010 Clinical Observership and Research Experience (CORE) program, University of Alabama at Birmingham (UAB), Alabama
- 08/2007 - 09/2007 (Research Trainee), Mayo Clinic, Rochester, Minnesota

#### **United States Clinical Experiences: Clinical Observerships**

- Northside Medical Center, Youngstown, Ohio; 11/2010-12/2010
- University of Alabama at Birmingham Medical Center (UABMC) at Montgomery, Alabama; 10/2010-11/2010
- University of Alabama at Birmingham (UAB) 1917 HIV/AIDS clinic, Alabama; 06/2010-06/2010
- University of Alabama at Birmingham (UAB), Alabama; 05/2010 to 09/2010
- Miller School of Medicine, University of Miami, Florida; 06/2007 - 07/2007

#### **Overseas Clinical Experience: Junior Resident**

- Vardhaman Mahavir Medical College and Safdarjung Hospital, India. Department of Pulmonary Critical Care Medicine & CTVS 09/2008 - 08/2009
- GB Pant Hospital, India. Department of Gastroenterology: 10/2007 - 09/2008
- All India Institute of Medical Sciences (AIIMS), India. Department of Emergency Medicine: 01/2006 - 07/2006 & 11/2006 to 06/2007

#### **Professional Society Membership**

- American Psychiatric Association Member in Training (# 1151221), 10/01/2013 onwards
- North Dakota Psych Member-in-Training, 10/01/2013 onwards
- Indo-American Psychiatric Association – 2015 onwards
- North Dakota Psychiatric Society – Resident/Fellow Member Representative (2014, 2015, 2016)
- Mayo Clinic Alumni Association (01/13/2012 onwards)
- Member, American Neuropsychiatric Association, 03/29/2013 to 12/31/2013

#### **Official committee appointments**

- Residency Committee / Program Evaluation Committee - Resident member (2014 onwards)
- GME alternate resident representative for the Psychiatry residency (2014-15)
- Member of the North Dakota Psychiatric Society 2015 Fall planning committee meeting

#### **Ad Hoc Reviewer**

1. Academic Psychiatry
2. Alzheimer's Research & Therapy
3. Journal of the American Medical Directors Association
4. Cochrane Database of Systematic Reviews
5. Annals of Internal Medicine
6. McMaster Online Rating of Evidence (MORE)

#### **GRANT FUNDING**

Research fellow: Funded by the Critical Care Research Committee (CCREPIMV), Mayo Clinic, Rochester, MN. Principal Investigator: Michelle Biehl, M.D. October 10, 2011, to April 9, 2012. (\$20,816 direct)

#### **AWARDS**

1. American Association of Directors of Psychiatric Residency Training (AADPRT) **International Medical Graduate Fellowship Award** for the year 2016.
2. Selected for the 2015 American Psychiatric Association (APA) **Research Colloquium for Junior Investigators** in the component on Molecular, Translational, and Neuroscience Research, held on May 17, 2015, at the Fairmont Royal York, Toronto, Canada.

3. Our abstract “Use of anxiolytic or hypnotic drugs and mortality risk: A systematic review and meta-analysis” was awarded as the “**Winner of annual poster competition at the APA 2015**” by the Area Five Resident-Fellow Member Poster Committee.

### Teaching experiences:

#### At the University of North Dakota campus

1. Presented an article in journal club/weekly meeting on the article “Lithium in the prevention of suicide in mood disorders: updated systematic review and meta-analysis” at the VA, Fargo.
2. Gave a talk on “Fronto-Temporal Dementia” for the Nursing & mental health staff at the VA hospital, Fargo
3. Mentor medical students in various psychiatric rotations, in emergency psychiatry, eating disorders, consultation-liaison, and inpatient psychiatry
4. Assist medical students and co-residents in designing their research projects and helping understand research designs and applications.
5. Lecture for medical students on “Psychiatric evaluation, Suicide risk assessment, and safety.”

#### Case conference presentations on the following topics-

1. Schizophrenia
2. Traumatic Brain Injury
3. Seroquel-induced neutropenia - is clozapine trial still possible?

#### Grand Rounds

1. Chronic Obstructive Lung Disease and Cognitive Impairment - presented on 03/04/2015.
2. Clozapine-induced cardiomyopathy – presented on 04/06/2016

#### Outside UND

Gave a presentation/Thesis defense on the topic “Association of COPD with Mild Cognitive Impairment” at the Mayo Clinic, Rochester, MN on 09/03/2013.

#### Peer reviewed publications

1. **Singh B**, Hughes AJ, Mehta G, Erwin PJ, & Parsaik AK. Efficacy of Prazosin in Post-Traumatic Stress Disorder: A Systematic Review and Meta-Analysis. *The Primary Care Companion for CNS disorders*. 2016;18 (4). PMID: 27828694
2. Hughes A, & **Singh B**. Clozapine Clinic: The Need of the Hour. *The American Journal of Psychiatry- Resident's Journal*. 2016; 11 (7), 3
3. Vashistha V\*, **Singh B\***, Kaur S, Prokop LJ, & Kaushik D. The Effects of Exercise on Fatigue, Quality of Life, and Psychological Function for Men with Prostate Cancer: Systematic Review and Meta-analyses. *European Urology Focus*. 2016 August, Vol.2(3):284–295
4. Zhao N, Xu J, **Singh B**, Yu X, Wu T, & Huang Y. Nitrates for the prevention of cardiac morbidity and mortality in patients undergoing non-cardiac surgery. *Cochrane Database Syst Rev*. 2016 Aug 4;8:CD010726. PMID: 27488764
5. Parsaik AK, Mascarenhas SS, Hashmi A, Prokop LJ, John V, Findle JC, Okusaga O, **Singh B**. Role of Botulinum Toxin in Depression: A Systemic Review and Meta-analysis. *Journal of Psychiatric Practice*. 2016; 22 (2), 99-110. PMID: 27138078
6. **Singh B**. Pulmonary Embolism Rule-Out Criteria in Pediatric Population: Use with Caution! *J Emerg Med*. 2016; 50 (6): 896. PMID: 27061683
7. Malik SA, Malik S, Dowsley TF, & **Singh B**. Left Ventricular Thrombus as a Complication of Clozapine Induced Cardiomyopathy: A Case Report and brief literature review. *Case Reports in Cardiology*. 2015; PMID: 26664756

8. Parsaik AK, Mascarenhas SS, Khosh-Chashm D, Hashmi A, John V, Okusaga O, & **Singh B**. Mortality associated with anxiolytic or hypnotic drugs - A systematic review and meta-analysis. *Australian and New Zealand Journal of Psychiatry*. 2016; 50(6):520-33. PMID: 26590022
9. Parsaik AK, **Singh B**, Khosh-Chashm D, & Mascarenhas SS. Efficacy of Ketamine in Treatment Resistant Bipolar Depression: A Systematic Review and Meta-Analysis. *Journal of Psychiatric Practice*. 2015; 21(6):427-35. PMID: 26554325
10. Nusair A, **Singh B**, Ding S, Gajic O, & Li G. Interrater variability in identifying Ventilator Associated Pneumonia using six different definitions. *Marshall Journal of Medicine*. 2015; Vol. 1: Iss. 1, Article 1.
11. Akhoundi A, **Singh B**, Vela M, Chaudhary S, Monaghan M, Wilson G, A, Dillon J, J, Cartin-Ceba R, Lieske J, C, Gajic O, & Kashani K, Incidence of Adverse Events during Continuous Renal Replacement Therapy. *Blood Purification* 2015; 39(4):333-9. PMID: 26022612
12. Singh K, Hibbert B, **Singh B**, Carson K, Premaratne K, May ML, Chong AY, Arstall M, & So D. Meta-Analysis of Admission Hyperglycemia in Acute Myocardial Infarction Patients Treated with Primary Angioplasty: A Cause or A Marker of Mortality? *European Heart Journal-Cardiovascular Pharmacotherapy*. 2015;1(4):220-8. PMID: 27532445
13. **Singh B**, Mielke MM, Parsaik AK, Cha RH, Roberts RO, Scanlon PD, Geda YE, Christianson S, Pankratz VS, & Petersen RC. A prospective study of chronic obstructive pulmonary disease and risk of mild cognitive impairment. *JAMA-Neurology*. 2014; 71(5):581-8. PMID: 24685327
14. **Singh B**, Parsaik AK, Mielke MM, Erwin PJ, Knopman DS, Petersen RC, & Roberts RO. Association of Mediterranean diet with Mild Cognitive Impairment and Alzheimer's disease: A Systematic Review and Meta-Analysis. *Journal of Alzheimer's Disease*. 2014; 39(2): 271-82. PMID: 24164735
15. **Singh B**, Parsaik AK, Mielke MM, Roberts RO, Scanlon PD, Geda YE, Pankratz S, Christianson S, Yawn B, & Petersen RC. Chronic Obstructive Pulmonary Diseases is associated with Mild Cognitive impairment- The Mayo Clinic Study of Aging. *Mayo Clinic Proceedings*. 2013;88(11): 1222-30. PMID: 24182702
16. Parsaik AK, **Singh B**, Pankratz S, Edwards KK, Geda YE, Gharib H, Knopman DS, Boeve BF, Roberts RO, & Petersen RC. Hypothyroidism is Not a Risk Factor for Mild Cognitive Impairment in elderly persons - A Population Based Study. *JAMA-Neurology*. 2014; 71(2):201-207. PMID: 24378475
17. Parsaik AK, **Singh B**, Hassan Murad M, Singh K, Mascarenhas SS, Williams MD, Lapid MI, Richardson JW, West CP, & Rummans TA. Statins Use and Risk of Depression: A Systematic Review and Meta-Analysis. *Journal of Affective disorders*. PMID: 24370264
18. **Singh B**, Parsaik AK, Prokop LJ, & Mittal MK. Endovascular Therapy for Acute Ischemic stroke: A Systematic Review and Meta-analysis. *Mayo Clinic Proceedings*. 2013; 88(10):1056-65. PMID: 24079677
19. **Singh B**, Tiwari AK, Singh K, Ahmed A, Singh SK, Erwin PJ, & Moreno-Franco P.  $\beta_2$  agonist for the treatment of acute lung injury: A Systematic Review and meta-analysis. *Respiratory Care*. 2014; 59(2):288-96. PMID: 23777655
20. Parsaik AK\*, **Singh B\***, Altayar O, Mascarenhas SS, Singh SK, Erwin PJ, & Murad MH. Midodrine for Orthostatic Hypotension: a Systematic Review and Meta-analysis of Clinical Trials. *Journal of General Internal Medicine* 2013; 28(11):1496-503. PMID:23775146
21. Murad MH, **Singh B**, & Parsaik A. Midodrine Efficacy in Orthostatic Hypotension. *Journal of General Internal Medicine* 2014. PMID: 25200061

22. **Singh B**, Hanson AC, Alhurani R, Wang S, Herasevich V, Cartin-Ceba R, Kor DJ, Gangat N, & Li G. Trends in the Incidence and Outcomes of Disseminated Intravascular Coagulation in Critically Ill Patients (2004-2010) - A Population Based Study. *CHEST* 2013;143(5):1235-42. PMID: 23139140
23. **Singh B**, Singh A, Ahmed A, Wilson GA, Pickering BW, Herasevich V, Gajic O, & Li G. Derivation and validation of automated electronic search strategies to extract Charlson comorbidities from Electronic Medical Records. *Mayo Clinic Proceedings* 2012;87(9):817-24. PMID: 22958988
24. **Singh B**, Parsaik AK, Agarwal D, Surana A, Mascarenhas SS, & Chandra S. Diagnostic accuracy of Pulmonary Embolism Rule-out Criteria; a Systematic Review and Meta-analysis. *Annals of Emergency Medicine* 2012; 59(6):517-20. PMID: 22177109
25. **Singh B**, Mommer SK, Erwin PJ, Mascarenhas SS, & Parsaik AK. Pulmonary Embolism Rule-Out Criteria (PERC) in Pulmonary Embolism - Revisited: Systemic Review and Meta-analysis. *Emergency Medicine Journal* 2013;30(9):701-6. PMID 23038695
26. **Singh B**, Murad MH, Prokop LJ, Erwin PJ, Wang Z, Mommer SK, Mascarenhas SS, & Parsaik AK. Systematic Review and Meta-Analysis of Glasgow Coma Scale and Simplified Motor Scale in Predicting Traumatic Brain Injury Outcomes. *Brain injury* 2013;27(3):293-300. PMID: 23252405
27. **Singh B\***, Wang S\*, Tian L, et al (\*both contributed equally to the paper). Epidemiology of Noninvasive Mechanical Ventilation in Acute Respiratory Failure: a Retrospective Population-based Study. *BMC Emergency Medicine*. 2013; 13(1):6. PMID: 23570601
28. **Singh B**, Kuruba M, Singh P, Hernandez CM, Waseemuddin M, & Nanda NC. Live/Real time three-dimensional transthoracic echocardiographic assessment of inferior vena cava and hepatic vein thrombosis in sickle cell disease. *Echocardiography* 2010;27(5): 594-596.PMID: 20608958.
29. **Singh B**, Fahad IM, Sunkavalli KK, & Chawla B. A Unique Paradoxical Reaction to Tuberculosis Therapy: Case Report and Brief Review of the Literature. *American Journal of Therapeutics* 2013, 20(6): e706-709. PMID: 21192247
30. **Singh B**. Residency Selection-What Are the Criteria? *Journal of Surgical Education*. 2012; 69(5):574. PMID: 22910151
31. **Singh B**: Is Procedural Sedation safe by non-anesthesiologists? *Journal of Anesthesia*. 2013. 27(4):635-6. PMID: 23314703
32. Parsaik AK, & **Singh B**: In reply. *Annals of Emergency Medicine* 2013, 62(2):197-198. PMID: 23870743
33. Assudani J\*, **Singh B\***, Samar A, Pannu J, Singh A, Nabavizadeh F, Singh P, Sunkavalli KK, & Nanda NC. (\*Both contributed equally to the paper). Live/real time three-dimensional transesophageal echocardiographic findings in caseous mitral annular calcification. *Echocardiography* 2010; 27(9):1147-1150. PMID: 20868440
34. Singh K, Parsaik AK, & **Singh B**. Recurrent Takotsubo Cardiomyopathy - Variable pattern of ventricular involvement. *Herz*, 2014; 39(8):963-7. PMID: 23880950
35. Singh K, Carson K, Shah R, Sawhney G, **Singh B**, Parsaik A, Gilutz H, Usmani Z, & Horowitz J. Meta-analysis of Clinical Correlates of Acute Mortality in Takotsubo Cardiomyopathy. *American Journal of Cardiology*. 2014;113(8):1420-1428. PMID: 24685327
36. Ahmed A, Litell O, Malinchoc M, Kashyap R, Schiller H, Rachmale S, **Singh B**, Li G, & Gajic O. The Role of Potentially Preventable Hospital Exposures in the Development of Acute Respiratory Distress Syndrome: A Population-Based Study. *Critical Care Medicine*. 2014; 42(1):31-9. PMID: 23982022

37. Ahmed A, Giri J, Kashyap R, **Singh B**, Dong Y, Kilickaya O, Erwin P, Murad M, & Pickering B. Outcome of Adverse Events and Medical Errors in the Intensive Care Unit: A Systematic Review and Meta-Analysis. *American Journal of Medical Quality*. 2015; 30(1):23-30. PMID: 24357344
38. Zhao N, Xu J, **Singh B**, Wu T, & Yu X. Nitrates for the prevention of cardiac morbidity and mortality in patients undergoing noncardiac surgery (Protocol). *Cochrane Database of Systematic Reviews* 2013, Issue 8. Art. No.: CD010726. DOI: 10.1002/14651858.CD010726
39. Wang B, Guo Q, Peng Y, Lu J, **Singh B**, & Hua B. Association of AGT M235T and ACE I/D polymorphisms with the risk of ischemic stroke: Meta-analysis in Han Chinese population. *Journal of Neurological Sciences*. 2012; 320(1-2):79-84. PMID: 22800767
40. Hernandez CM, Sunkavalli KK, Lohiya V, Nanda NC, Sanchez AM, Iniguez K, Singh A, Nabavizadeh F, & **Singh B**. Incremental Role of Three-Dimensional over Two-Dimensional Ultrasound in the Assessment of Traumatic Peripheral Arterio-Venous Fistula. *Echocardiography*, 2011; 28 (4):480-481. PMID: 21504468
41. Aggarwal H, **Singh B**, Wade MJ, Davies JE, & Nanda NC. Usefulness of Live/Real Time Three-Dimensional Transthoracic Echocardiography in the Assessment of Descending Thoracic Aorta Graft Dehiscence. *Echocardiography*. 2010; 27(6): 722-723. PMID: 20653764
42. Singh P, Hernandez CM, **Singh B**, Kuruba M, Samar A, & Nanda NC. Live/Real Time Three-Dimensional Transthoracic Echocardiography in the Evaluation of Post Traumatic Acquired Thoracic Aortic Coarctation. *Echocardiography*. 2010; 27(4): 470-472. PMID: 20529110.
43. Sunkavalli KK, Fahad IM, **Singh B**, & Koneru J. Valproic Acid Associated Hyperammonemic Encephalopathy: A Case Report and Brief review of Literature. *American Journal of Therapeutics*. 2013; 20(5):569-571. PMID: 21248614
44. Awasthi D, Tiwari AK, Upadhyaya A, **Singh B**, & Tomar GS. Ketotic hyperglycemia with movement disorder. *Journal of Emergency Trauma and Shock* 2012; 5:90-1. PMID: 22416165

#### Dissertation/Thesis

Singh, B. (2013). Association of chronic obstructive pulmonary disease with mild cognitive impairment (Order No. 1602518). Available from ProQuest Dissertations & Theses A&I. (1734460602). Retrieved from <http://search.proquest.com/docview/1734460602>

#### Editor (Book)

Disseminated Intravascular Coagulation (DIC): Clinical manifestations, Diagnosis and Treatment Options. ISBN: 978-1-62948-323-8, Nova Biomedical; 2013

#### Book Chapters

1. Parsaik AK, **Singh B**. Evidence based Public Health. In: Rodriguez-Morales AJ (Ed.). *Current Topics in Public Health*. ISBN 980-953-307-868-2, InTech;2013: 283-295
2. **Singh B**, Tiwari AK, Verma SK, Whatts P, Agarwal D & Chandra S. Procedural Sedation and Analgesia in Emergency Room. In: Blaivas, M (ed). *Emergency Medicine - An International Perspective*. ISBN: 978-953-51-0333-2, InTech; 2012:199-208.
3. **Singh B**, Alhurani RA, Moreno Franco P. Outcome of Critically ill Patients with Disseminated Intravascular Coagulation in a Tertiary Care Hospital. In: Singh, B (Ed.). *Disseminated Intravascular Coagulation (DIC): Clinical manifestations, Diagnosis and Treatment Options*. ISBN: 978-1-62948-323-8, Nova Biomedical;2013. 77-92
4. Tiwari AK, Singh RR, Sanjay RR, Ganjoo N, **Singh B**. Risk factors for Disseminated Intravascular Coagulation. In: Singh, B (Ed.). *Disseminated Intravascular Coagulation (DIC): Clinical manifestations, Diagnosis and Treatment Options*. ISBN: 978-1-62948-323-8, Nova Biomedical;2013.15-40

5. Moreno Franco P, Yataco J, **Singh B**, Canabal J. Coagulopathy of liver disease versus Disseminated Intravascular Coagulation: Who is who? In: Singh, B (Ed.). ***Disseminated Intravascular Coagulation (DIC): Clinical manifestations, Diagnosis and Treatment Options***. ISBN: 978-1-62948-323-8, Nova Biomedical;2013.119-142

#### Media coverage:

- Radio interview On Sirius XM -- Doctor Radio channel on "COPD and mild cognitive impairment", with Dr. Frank Adams on January 14, 2014
- Interview with "Physicians Weekly"--<http://www.physiciansweekly.com/copd-cognitive-issues/>
- Interview with "Physicians Weekly"--<http://www.physiciansweekly.com/mci-ad-searching-protective-strategies/>
- Interview with "Medscape"-- <http://www.medscape.com/viewarticle/822188#1>

#### Abstracts -submitted/under review

1. **Singh B**, Kohoutek B, Ibrahim A, & Roerig J. Seizure associated with use of "fat burner supplement" along with antidepressant therapy. Submitted for poster presentation at the American Psychiatric Association 2017, 170th Annual meeting.
2. **Singh B**, Hughes A, & Roerig JL. Comfort Level & Barriers to the appropriate use of Clozapine for patients with Schizophrenic disorders among the US Psychiatric Residents. Submitted for oral presentation at the American Psychiatric Association 2017, 170th Annual meeting.

#### ORAL PRESENTATIONS

1. **Singh B**, Ghaedi KC, Kroetsch L, & Roerig JL. Contemporary Trends in the Usage of Antipsychotics and Outcomes in Schizophrenia Spectrum Disorders in a Population Based Sample - Interim analysis. **2015 American Psychiatric Association Research Colloquium for Junior Investigators** in the component on Molecular, Translational and Neuroscience Research, held on May 17, 2015, at the Fairmont Royal York, Toronto, Canada.
2. Parsaik AK, Mascarenhas SS, Hashmi A, Prokop LJ, John V, Findle JC, Okusaga O, & **Singh B**. Role of Botulinum Toxin in Depression: A Systematic Review and Meta-analysis. Oral presentation at the **American Psychiatric Association 2015**, 168th Annual meeting, from May 16 – 20, 2015, at Toronto, ON, Canada.
3. Singh K, Carson K, **Singh B**, Usmani Z, Parsaik A, & Horowitz J. In-Hospital Mortality Of Takotsubo Cardiomyopathy: A Systematic Review And Meta-Analysis. At the **World Congress of Cardiology 2014**, held at Melbourne, Australia, from 4-7 May, 2014.
4. Parsaik AK, **Singh B**, Murad MH, Singh K, Williams MD, Lapid MI, Richardson JW, West CP, & Rummans TA. Statins Use and Risk of Depression: A Systematic Review and Meta-Analysis. Oral presentation at the **2013 U.S. Psychiatric and Mental Health Congress (Psych Congress)** from September 30 - October 3, 2013, at The Venetian, Las Vegas, NV.
5. Akhoundi A, **Singh B**, Vela M, Chaudhary S, Monaghan M, Wilson GA, Dillon JD, Cartin-Ceba R, Gajic O, & Kashani K. Complications of Continuous Renal Replacement Therapy: A retrospective cohort study. Oral Presentation at the **CRRT 2013 conference** held at San Diego, California from February 12 - 15, 2013.
6. Akhoundi A, **Singh B**, Moreno Franco P, Herasevich V, Li G, Lieske J, Gajic O, & Kashani K. Interobserver reliability in diagnosing Acute Kidney Injury using AKIN Criteria. Oral Presentation at the **CRRT 2013 conference** held at San Diego, California from February 12 - 15, 2013.

7. **Singh B**, Ahmed A, Alhurani R et al (2012, October). Outcome of Critically ill Patients with Disseminating Intravascular Coagulation – A Population-Based Study. Oral Presentation at: **CHEST 2012**; Atlanta, GA.
8. **Singh B**, Ahmed A, Biehl M et al (2012, October). Comparison of APACHE III, Charlson Comorbidity Index and SOFA score for Prediction of Mortality Following Acute Lung Injury. Oral Presentation at: **CHEST 2012**; Atlanta, GA.
9. Agarwal D, **Singh B**, Parsaik A et al. Prognostic accuracy of Pulmonary Embolism Rule-out Criteria; a Systematic Review and Meta-analysis. At **American College of Emergency Physicians (ACEP) Research Forum** October 15-16, 2011 held at San Francisco, CA.

## POSTER PRESENTATIONS

1. Patel A, **Singh B**, Newmann W, Farkas S. Women, depression and chronic kidney disease are associated with higher readmissions following pulmonary vein isolation for atrial fibrillation: A retrospective cohort study. Accepted for poster presentation at the **American Heart Association's scientific sessions 2016**, on November 15, 2016, at New Orleans, Louisiana
2. **Singh B**, Hughes AJ, Erwin PJ, Parsaik AK. Efficacy of Prazosin in Post-Traumatic Stress Disorder: A Systematic Review and Meta-Analysis. At the **American Psychiatric Association 2016**, 169th Annual meeting on May 14, 2016, at Atlanta, GA.
3. **Singh B**, Malik SA, Malik S, Dowsley TF, Roerig JL. Left Ventricular Thrombus as a Complication of Clozapine Induced Cardiomyopathy: A Case Report. At the **American Psychiatric Association 2016**, 169th Annual meeting on May 16, 2016, at Atlanta, GA.
4. **Singh B**, Kroetsch LA, Ghaedi KC, Roerig JL. Interrater variability among intraining psychiatric residents in identifying diagnoses of schizophrenic disorder and treatment resistant schizophrenia. At the **American Psychiatric Association 2016**, 169th Annual meeting on May 14, 2016, at Atlanta, GA.
5. **Singh B**, Hughes A, Roerig JL. Comfort Level & Barriers to the appropriate use of Clozapine for patients with Schizophrenic disorders among the US Psychiatric Residents - A proposal. At the **American Psychiatric Association 2016**, 169th Annual meeting on May 14, 2016, at Atlanta, GA.
6. **Singh B**, Hughes AJ. A Call for the Increase in Clozapine Clinics to Improve the Treatment of Schizophrenia. At the **American Psychiatric Association 2016**, 169th Annual meeting on May 14, 2016, at Atlanta, GA.
7. Zhao N, Xu J, **Singh B**, Yu X, Wu T, Huang Y. Nitrates for the Prevention of Cardiac Morbidity and Mortality in Patients Undergoing Non-Cardiac Surgery: a Cochrane Systematic Review. At the Anesthesiology 2015 conference, San Diego, CA on Oct 25, 2015.
8. **Singh B**, Mielke MM, Parsaik AK, Cha RH, Roberts RO, Machulda M, Scanlon PD, Geda YE, Christianson S, Petersen RC. Longer duration of COPD is associated with domain specific and global cognitive decline. At the **American Psychiatric Association 2015**, 168th Annual meeting on May 16, 2015, at Toronto, ON, Canada.
9. Parsaik AK, Mascarenhas SS, Hashmi A, John V, Findle JC, Okusaga O, **Singh B**. Use of anxiolytic or hypnotic drugs and mortality risk: A systematic review and meta-analysis. Poster presentation at the **American Psychiatric Association 2015**, 168th Annual meeting on May 16, 2015, at Toronto, ON, Canada.
10. Kaushik D, **Singh B**. Effect of Exercise on Quality Of Life and Psychological Function in Men with Prostate Cancer: Meta-analyses Of >600 Men From 7 Randomized Clinical Trials. Moderated poster presentation at the 2015 Annual Meeting of the American Urological Association Education and Research Inc, held in New Orleans, Louisiana, May 15-19, 2015.



11. Parsaik AK, Roberts RO, **Singh B**, Pankratz S, Edwards KK, Geda YE, Mielke M, Kotagal S, Boeve BF, Petersen RC. Obstructive Sleep Apnea: Does it increase the risk of Mild Cognitive Impairment? Poster presentation at the **American Psychiatric Association 2014**, 167th Annual meeting, from May 03 – May 07, 2014, at New York, NY.
12. Rui T, Bian Y, **Singh B**, Liu Z, Wang T, Li G. Underdiagnosis Of COPD In High Risk Population In China. Poster presentation at the **American Thoracic Society 2014 International Conference**, May 16-21, 2014, held at San Diego, CA.
13. **Singh B**, Biehl M, Hanson A et al. Contemporary trends in the incidence and outcome of Invasive Mechanical Ventilation in a population-based sample. **Poster** presentation at **American Thoracic Society (ATS) 2013** International Conference.
14. **Singh B**, Erwin PJ, Moreno-Franco P. Beta-2-Agonist in the treatment of acute lung injury: A meta-analysis. **Poster** presented at **SCCM's 41<sup>st</sup> Critical Care Congress 2013**.
15. **Singh B**, Gajic O, Li G. Incidence and Outcome of Disseminated Intravascular Coagulation (DIC) in Olmsted County, Minnesota (2004-2010) – A Population Based Cohort Study. Abstract accepted for **Poster** presentation at **American Thoracic Society (ATS) 2012** International Conference
16. **Singh B**, Krupa A, Hinds R et al. Comforting patients and their health care surrogates and allaying anxiety of resuscitation strategies using audiovisual aids. Abstract accepted for **Poster discussion** in **American Thoracic Society (ATS) 2012** International Conference.
17. **Singh B**, Singh A, Giri J et al. Derivation and validation of Digital Signature of Charlson Comorbidities Using Automatic Electronic Note Search Strategies in Critically Ill Patients. **Poster** presented at **SCCM's 41<sup>st</sup> Critical Care Congress 2012**.
18. Biehl M, **Singh B**, Kashyap R et al. Characteristics of Acute Respiratory Failure Patients and Their Predictors of Long-term Mortality in the Community over a 5 year period – A Population-Based Study. **Poster** presented at **SCCM's 41<sup>st</sup> Critical Care Congress 2012**.
19. Ahmed A, Giri J, **Singh B**, et al. The outcome of adverse events and medical errors in Intensive Care Unit: A Systematic Review and Meta-analysis. **Poster** presented at **SCCM's 41<sup>st</sup> Critical Care Congress 2013**.
20. Fan L, Biehl M, **Singh B** et al. Reliability of an automated electronic imputation tool for imputing missing activities of daily living data. **Poster** presented at **SCCM's 41<sup>st</sup> Critical Care Congress 2013**
21. Nusair A, Ding S, **Singh B** et al. The validity and reliability of current Ventilator Associated Pneumonia definition. **Poster** presented at **SCCM's 41<sup>st</sup> Critical Care Congress 2012**
22. Ahmed A, Li G, Malinchoc M, **Singh B** et al. The effect of hospital exposures on development of acute lung injury: A population based matched case-control study. Abstract accepted for **Poster discussion** at **American Thoracic Society (ATS) 2012** International Conference.
23. Singh A, Clifford L, Biehl M, **Singh B** et al. Association between Pre-operative functional status and Post-operative Acute Lung Injury: A retrospective Cohort Study. Abstract accepted for **Poster discussion** at **American Thoracic Society (ATS) 2012** International Conference
24. Kashyap R, Pickering B, Assudani J, **Singh B** et al. H-index of panel session participants from AMIA 2010 annual meeting. Poster presented at **AMIA 2011 Annual Symposium** October 22-26, 2011 held at Washington, DC