Curriculum Vitae

Name:	Nahel N. Saied
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Training

1988	M.B.B.Ch. from Zagazig Univeristy, Egypt

Academic Appointments

11/1996 - 10/1997	Instructor, Anesthesia, Medical College of Ohio (Toledo, Ohio)
11/1998 - 06/2006	Assistant Professor, Anesthesiology & Critical Care, St. Louis University (St. Louis, Missouri)
01/2001 - 06/2008	Assistant professor of Surgery, Surgery, St. Louis University (St. Louis, Missouri)
07/2006 - 06/2008	Associate Professor, Anesthesia & Critical Care, St. Louis University (St. Louis, Missouri)
07/2006 - 06/2008	Directory of Anesthesiology Critical Care Fellowship, Anesthesiology & Critical Care, St. Louis University (St. Louis, Missouri)
07/2008 - 01/2009	Associate professor, Department of Anesthesia & Critical Care, Creighton University (Omaha, Nebraska)
07/2008 - 01/2009	Chairman, Anesthesiology & Critical Care, Creighton University (Omaha, Nebraska)
05/2009 - Present	Associate Professor of Clinical Anesthesiology, Vanderbilt University (Nashville, Tennessee)

Other Work Experience

01/2000 - 06/2008	Director of Life support skills laboratory, Anesthesiology & Critical Care, St. Louis University (St. Louis, Missouri)
01/2000 - 06/2008	Director of Critical Care Anesthesiology, Anesthesiology & Critical Care, St. Louis University (St. Louis, Missouri)
07/2001 - 06/2008	Critical Care director, Anesthesiology & Critical Care, St. Louis University (St. Louis, Missouri)
07/2003 - 06/2007	Critical Care director, Critical Care, Select Care Speciality (St. Louis, Missouri)

Professional Activities

Intramural

01/2010 - Present	Neuor-science ICU, Neuroscience, Q&A review, development and approval of policies and protocols, Co-Director, Physician
06/2011 - 06/2013	Vanderbilt patient care services, Pressure ulcer prevention in the surgical patients, Member, Perioeprative
02/2012 - 06/2012	APP & G Task Forc, Anesthesiology, Policies and guidelines online resources, Member, Website design
07/2013 - 06/2014	Critical Care Quality improvement committee, Anesthesiology, Develop Quality improvement for critical care practice, Director, Director

Extramural

01/2000 - Present	Reviewer for Critical Care Medicine Journal
03/2007 - Present	Reviewer for Journal of Clinical Anesthesia
01/2008 - Present	Reviewer for International Anesthesia Research Society
03/2009 - Present	Reviewer for Journal of Biomedical Science and Engineering
01/2010 - Present	Reviewer for Chest

01/2011 - 12/2014	The Accreditation and On-line Learning Committee, Society of Critical care Medicine, Critical care eLearn ICU project. Course development of online modules in critical care, Committee Member, Online course development

Teaching Activities

07/2010 - Present	Mock Oral boards, Examiner, Office, Oral boards stem exam
08/2010 - Present	BICU residents: Mechanical Ventilation, Lecturer, MCE 3, Mechanical ventilation basics
08/2010 - Present	Mock Oral Bords, Examiner, Office, Stem Case
08/2010 - Present	NCU lecture series: Pharmacology of Antihypertensives, Lecturer, 6T, Basics of pharmacology of Antihypertensives medication in ICU
08/2010 - Present	Critical Care Fellows Didactics: Mechanical Ventilation, Lecturer, MCE-3
09/2010 - Present	Mock Oral Board, Examiner, Office, Stem Case and debriefing
09/2010 - Present	CA-2 Simulation training: C-section, Head Trauma PE, Instructor, Center for Experiential Learning and Assessment
09/2010 - Present	NCU Residents Lecture Series: Bronchoscopy, Lecturer, T6, Principals of lung anatomy and bronchoscopy
09/2010 - Present	NCU Residents Lecture Series: Fluid and Electrolytes, Lecturer, T6
09/2010 - Present	Hemodynamic Echo Workshop: Transthoracic Echocardiography, Lecturer, LH 512, Basic views of TTE in hemodynamic monitoring
09/2010 - Present	Hemodynamic echo monitoring workshop: TTE hands on workshop, Instructor, Center for Experiential Learning and Assessment, Live hands on acquisition of TTE views
10/2010 - Present	NCU Lecture Series: Dysrhythmia in ICU, Lecturer, T6
10/2010 - Present	NCU lecture series: Weaning from mechanical Ventilation, Lecturer, T6
11/2010 - Present	Critical Care Skills week: Central Line Placement, Instructor, Center for Experiential Learning and Assessment, Workshop
11/2010 - Present	Critical Care Skills week: Electrolyte/Metabolic/ABG, Lecturer, Center for Experiential Learning and Assessment
12/2010 - Present	Simulation: TRALI, Difficult Airway, Blown IV, Instructor, Center for Experiential Learning and Assessment, TRALI, Difficult Airway, Blown IV
12/2010 - Present	Critical Care fellows lecture sereis: Brain Death, Lecture, MCE-3
12/2010 - Present	BICU didactics: Mechanical Ventilation, Lecture, MCE-3
12/2010 - Present	CA-1 Simulation training: TRALI/Difficult airway, Instructor, Center for Experiential Learning and Assessment
01/2011 - Present	PE/Blown IV/Oxygen supply failure: CA-3 Resident Sim Training, Instructor, Center for Experiential Learning and Assessment, Pulmonary embolism, diagnosis and treatment Blown IV Central Oxygen supply failure
01/2011 - Present	Respiratory Physiology and VGNT Terminology, Lecturer, Center for Experiential Learning and Assessment, Basics of respiratory physiology and mechanical ventilation for critically ill patients
01/2011 - Present	CA-3s Simulation Training: PE/Oxygen failure/Blown IV, Instructor, Center for Experiential Learning and Assessment
01/2011 - Present	Critical Care fellows Lecture series: Brain Herniation, Lecturer, MCE-3
02/2011 - Present	CA-2: Airway fire, Instructor, Center for Experiential Learning and Assessment, Airway Fire, Hypotension during Laparoscopy
02/2011 - Present	Critical Care Skills Week: Electrolytes, Lecturer, Center for Experiential Learning and Assessment, Electrolytes disturbances in critically ill patients
02/2011 - Present	Critical Care skills week: Electrolyte / Metabolic / ABG, Lecturer, Center for Experiential Learning and Assessment
02/2011 - Present	NCU resident lecture series: Fluids and Electrolytes, Lecturer, T6
02/2011 - Present	NCU resident lecture series: Acid Base Balance, Lecturer, T6
02/2011 - Present	Mock Oral Board: Mock Oral Board, Examiner, MCE-3
03/2011 - Present	Mock Oral Board Exam, Examiner, MCE-3
03/2011 - Present	Mock Oral Board, Examiner, MCE-3
04/2011 - Present	NCU residents lecture series: TTE in ICU, Lecturer, T6
04/2011 - Present	Mock Oral Board, Examiner, MCE-3
04/2011 - Present	Mock Oral Board, Examiner, MCE-3
04/2011 - Present	NCU Resident lecture series: Brian Herniation, Lecturer, T6

05/2011 - Present	NCU Resident lecture sereis: Mechanical Ventilation, Lecturer, T6
06/2011 - Present	NCU resident lecture series: Hemodynamic Monitoring, Lecturer, T6
06/2011 - Present	NCU resident lecture series: Fluids and Electrolytes, Lecturer, T6
06/2011 - Present	CA-1 Simulation training: Crisis Management, Instructor, Center for Experiential Learning and Assessment
07/2011 - 07/2011	NCU: Subarachnoid hemorrhage, Lecturer, NCU conference room
07/2011 - 07/2011	Oral Board, Examiner, MCE
08/2011 - 08/2011	Oral Board, Examiner, Skype
08/2011 - 08/2011	NCU: Mechanical Ventilation, Lecturer, NCU conference room
08/2011 - 08/2011	Oral board, Examiner, MCE office
08/2011 - 08/2011	CA II: Oral Board, Examiner, Sim Lab
09/2011 - 09/2011	Fellowship: Neuromuscular disorders in ICU, lecturer, MAB 404
09/2011 - 09/2011	Oral Board, Examiner, MCE
09/2011 - 09/2011	Oral Board, Examiner, Office
09/2011 - 09/2011	Oral Board, Examiner, MCE
09/2011 - 09/2011	Mock Oral, Examiner, Office
02/2012 - 02/2012	Trauma/Burn/Fluid Management: Critical Care Skills Week, Lecturer, Sim Lab
02/2012 - 02/2012	ICP: BICU lecture, Lecturer, MCE
02/2012 - 02/2012	Diagnosis of Critically Ill: Critical Care Skills week, Lecturer, Sim Lab
02/2012 - 02/2012	Sepsis: BICU lecture, Lecturer, MCE
03/2012 - 03/2012	Oral Board, Examiner, MCE
04/2012 - 04/2012	Oral Board, Examiner, MCE
05/2012 - 05/2012	Resuscitation in the ICU: Critical Care Skills Week, Lecturer/Simulation, CELA MRB
06/2012 - 06/2012	Light anesthesia, Bronchospasm, MI under anesthesia: CA-1 Simulation, Instructor, Simulation Lab
07/2013 - 07/2013	VMS II: End of Life Care, Lecturer, MCE 3161, Critical care Basics course
08/2013 - 2013	Resident's lecture series: Crystalloids: Tyepes/indications/complications, Facilitator, Anesthesia conference room
08/2013 - 08/2013	Echo Bootcamp: Line Placement Using US, Lecturer, MRB-IV 1230A/B
08/2013 - 08/2013	Fellows Combined surgical Critical Care Conference: Neuromuscular disorders in ICU, Lecturer, 9T3 Conference room
09/2013 - 09/2013	Mock Oral Board: Oral Board Exam, Examiner, CELA 4
09/2013 - 09/2013	Avish: Oral Board, Examiner, MCE 3
10/2013 - Present	Periop Skills Course: Mechanical Ventilation, Lecturer, 2301 VUH
11/2013 - Present	FCCS: Monitoring of Oxygen Balance and Acid Balance, Lecturer, 419 LH
11/2013 - Present	Periop Skills Course: Mechanical Ventilation, Lecturer, 2301 VUH
11/2013 - Present	Critical Care Medicine Basics: End of Life Care in ICU, Lecturere, 3161 MCE
11/2013 - Present	FCCS: Diagnosis and Management of Shock, Lecturer, 419 LH
01/2014 - Present	Resident Simulation: Total Spinal/Airway Fire, Instructor, CELA, There were 2 separate Simulation on 1/23 and 1/30
01/2014 - Present	Resident Simulation: Airway Fire/Total Spinal/OB, Instructor, CELA
02/2014 - Present	Critical Care Skills Week: Central Line and IV fluids, Instructor, CELA MRB IV 3rd floor
02/2014 - Present	Critical Care Skills Week: Neurological Support, Instructor, MRB IV 3rd CELA
02/2014 - Present	Mock Oral: Bret Alvis Oral board, Examiner, MAB 4
02/2014 - Present	Mock Oral: Sobey Oral Board, Examiner, MAB 4
02/2014 - Present	Critical Care Skills Week: Arrhythmia, Lecturer, CELA
02/2014 - Present	Critical Care Immersion: Cognitive Dysfunction, Lecture, CELA
02/2014 - Present	Mock Oral: Strickland, Natalie Oral Board, Examiner, MAB 4
03/2014 - Present	Resident Simulation: Pulmonary embolism, Instructor, CELA
03/2014 - Present	Resident Simulation: Difficult airway, Instructor, CELA
03/2014 - Present	Mock Oral: Helmer, Jenna Oral Board, Examiner, MAB 4
03/2014 - Present	Critical Care Medicine Basics: Respiratory Failure, Lecturer, CELA
03/2014 - Present	Mock Oral: Cropsy Oral Board, Examiner, MAB
03/2014 - Present	Critical Care Skills Week: Diagnosis of Shock, Lecturer, CELA

03/2014 - 03/2014	Critical Thinking Elective: Critical Thinking and logic in Medicine, Elective Director, MCE 3, 2 weeks Elective enrolling 3-6 students
04/2014 - Present	Critical Care Medicine Basics: End of Life Care in ICU, Lecturer, MCE 3161
04/2014 - Present	Critical Care Immersion: Surviving sepsis, Lecturer, CELA

Research Supervision / Mentorship

07/2010 - 06/2011	Sheena Howson, M.D. Vanderbilt University, Current Position: Critical Care Fellow. (Faculty, Clinical)
12/2010 - 06/2011	Broman, Aaron, M.D. Vanderbilt University, Current Position: Anesthesiology Intern. (Faculty, General Mentorship)
09/2011 - 09/2011	Brandon Lopez, M.D. Vanderbilt University, Current Position: Intern. (Resident, General Mentorship)
09/2011 - 09/2011	Hooper Vanderbilt University, Current Position: Resident. (Medical Student, Clinical)

Other Significant Activities

07/2011	The world of Anesthesiology Podcast: Anesthesiology podcast of important publication in the world of anesthesiology and Critical Care. Published monthly and with 20,000 unique visitors monthly from around the world and growing.
07/2011	Gas Exchange (http://gasexchange.com: Editor/commentator R 395 On 26 topics
07/2012	The world of Anesthesiology Podcast: Anesthesiology podcast of important publication in the world of anesthesiology and Critical Care. Published monthly and with 20,000 unique visitors monthly from around the world and growing.

Grants and Funding

Grant number unavailable Nahel N Saied MB., B.,Ch. (PI) 03/2011 - 02/2012

Sentec Inc.

Pressure support ventilation in anesthetized patients with supraglottic airway.

Determine the advantage of pressure support ventilation in the operating room over spontaneous breathing for patient undergoing general anesthesia with supraglottic airway

Role: Principal Investigator

Honors / Awards

08/2010	Anesthesiology AAA award 2010, Vanderbilt University, Yearly financial reward for academic productivity
07/2011	VUMC Recognition, Chad Wagner, 10,000 Points
08/2011	Anesthesiology AAA Award 2011, Anesthesiology Department

Publications

Peer Reviewed Publications

Letters

1. **Saied NN**. iTune, You Tune, We Should All Tune in to SLU Podcast (letter). American Society of Anesthesiologists NEWSLETTER 2006 Aug;70(8):47-47.
2. **Saied NN**, Helwani M. Airway examination after nasal packing [Reply]. J Clin Anesth 2006 Sep;18(6):480. PMID: 16980176.
3. **Saied NN**, Helwani M. Should we examine the airway of every patient after nasal packing ?. J Clin Anesth 2007 Feb;18(1):50-51.
4. Mohammad A Helwani, Nahel N Saied. End-tidal anesthetic concentration audible alert setup to minimize

intraoperative awareness. Journal of Clinical Anesthesia 2014 Dec;14(Ahead of print):pii: S0952-8180(14) 00372-9. doi: 10.1016/. PMID: 25544264.

Research Articles

1. **Saied NN**. Virtual Reality and Medicine, From the Cockpit to the Operating Room: Are we there yet?. MO Med 2005 Sep;102(5):450-455. PMID: 16259396.
2. **Saied NN**, Helwani M, Tabakian H, Srinivasan J. Teaching practices of thoracic epidural anesthesia in the United States: should lumbar epidurals be taught before thoracic epidurals?. Journal of Cardiothoracic and Vascular Anesthesia 2006 Oct;20(5):652-655. PMID: 17023282.
3. Helwani, M, **Saied NN**, Ikeda S. Accuracy of anatomical landmarks among different levels of anesthesia Trainee. JEPM 2008 Jul;10(2):1-15.
4. **Saied N**, Booker R, Weinger M. Misassembled Bellows Housing Leading to Failure of Mechanical Ventilation During General Anesthesia. Simulation in healthcare : journal of the Society for Simulation in Healthcare 2012 Jan; PMID: 22228283.
5. Nahel Saied, Ashish Chopra, Banke Agarwal. Parenteral Erythromycin for Potential Use to Empty Retained Gastric Contents Encountered during upper Gastrointestinal Endoscopic Procedures. Open Journal of Gastroenterology 2012 Aug;2(3):119-123.
6. McGrane S, Maziad J, Netterville JL, **Saied NN**. Therapeutic hypothermia after exsanguination. Anesthesia and analgesia 2012 Aug;115(2):343-5. PMID: 22584547.
7. Helwani MA, **Saied NN**, Asaad B, Rasmussen S, Fingerman ME. The current role of ultrasound use in teaching regional anesthesia: a survey of residency programs in the United States. Pain medicine (Malden, Mass.) 2012 Oct;13(10):1342-6. PMID: 22845612.
8. Mohammad A Helwani, Nahel N Saied. Intraoperative plateau pressure measurement using modern anesthesia machine ventilators. Canadian Journal of Anesthesia 2013 Apr;60(4):404-406. PMID: 23283735.
9. Rasmussen SB, **Saied NN**, Bowens C Jr, Mercaldo ND, Schildcrout JS, Malchow RJ. Duration of Upper and Lower Extremity Peripheral Nerve Blockade Is Prolonged with Dexamethasone When Added to Ropivacaine: A Retrospective Database Analysis. Pain Medicine 2013 Aug;14(8):1239-1247. PMID: 23755801.

Case Reports

1. Bhatia P. **Saied NN**. Comunale ME. Management of an unusual complication during placement of a pulmonary artery catheter. Anesth Analg 2004 Sep;99(3):669-671. PMID: 15333390.
2. Helwani M, **Saied NN**, Foroughi V. Management of Airway Obstruction Caused by Nasal Packing Material In a Trauma Patient. J Clin Anesth 2006 Feb;18(1):50-51. PMID: 16517333.
3. **Saied NN**, Helwani MA, Comunale ME, Feinglass N. A Simple Solution for Electrocardiographic Artifacts During Cardiopulmonary Bypass and in the Intensive Care Unit. Journal of Cardiothoracic and Vascular Anesthesia 2007 Aug;21(5):572-573. PMID: 17678789.
4. **Saied NN**, Helwani, M; Morcos, E. Single-lung ventilation for right-sleeve pneumonectomy with a modified nasal RAE endotracheal tube. J Cardiothorac Vasc Anesth 2007 Dec;21(6):883-886. PMID: 18068074.
5. Nahel N Saied, Mohammad Helwani. Successful lumbar epidural catheter placement through a lower back lipoma. Saudi Journal of Anesthesia 2013 Mar;7(1):83-85.

Non-Peer Reviewed Publications

Editorials

1. Nahel N Saied. Medical Conundrums, Why bundles of care work and their individual components don t?. 2014 Jan;1-2.

Book Chapters

1. Liza M. Weavind, Nahel Saied, J. D. Hall, Pratik P. Pandharipande. Care Bundles in the Adult ICU: Is It Evidence-Based Medicine?. Current Anesthesiology Reports. Editors: Martin London. United States: Springer; 2013 Mar;1 ISBN: ISSN: (Print) 2167-6275 (Online).
2. Nahel N Saied. Acid Base Balance. 2014 Residents' Guide to Learning in the Intensive Care Unit. Editors: Elizabeth B Mahanna, MD David W. Shimabukuro, MDCM Christine A Doyle, MD Linda L. Liu, MD. San Francisco, California, United States: SOCCA; 2014 May;236-246.

Presentations

Invited Presentation - Regional

1. Nahel N Saied MB., B. Ch. Cook Critical Course. Cook Critical Care Inc.; Nashville, Tennessee. 2010 Oct 24; The Why□ s and How□ s OF ASEPTIC TECHNIQUE.

Invited Presentation - National

1. Nahel N Saied MB, B. Ch. FCCS course. Vanderbilt; Nashville, Tennessee. 2011 Jan 6; Management of Life threatening electrolytes.
2. Nahel N Saied MB., B. Ch. Transesophogeal Echocardiography (TEE) for Hemodynamic Monitoring. Vanderbilt; Nashville, Tennessee. 2011 Apr 9; TTE in hemodynamic monitoring in ICU.
3. Nahel N Saied MB, B., Ch. Transesophogeal Echocardiography (TEE) for Hemodynamic Monitoring. Vanderbilt; Nashville, Tennessee. 2011 Apr 9; TEE Tutorial, Hands on with image acquisition.
4. Nahel N Saied MB., B., Ch. FCCS course. Society of critical care medicine and Vanderbilt; Nashville, Tennessee. 2011 Apr 17; Airway Management.
5. Nahel Saied. FCCS. Society of Critical Care Medicine; Nashville, Tennessee. 2012 Feb 26; Airway Management.
6. Nahel Saied. FCCS. Critical Care Medicine/Vanderbilt University; Nashville, Tennessee. 2012 May 6; Pregnancy and Critical Care.
7. Nahel Saied. FCCS. Society of Critical Care Medicine/Vanderbilt; Nashville, Tennessee. 2012 May 6; Trauma and Burn Care.

Presentations at Scientific Meetings

1. Nahel N Saied MB., B, Ch. ASA anual meeting. American society of Anesthesiologists; San Diego, California. 2010 Oct 16; Upper Neck Mass after Subclavian Line Insertion, Diagnosis and Management.
2. Nahel N Saied MB, B., Ch. ASA anual meeting 2010. American Society of Anesthesiologists; San Diego, California. 2010 Oct 19; A Survey of Teaching Ultrasound-Guided Nerve Blocks in the United States.

Workshop

1. Nahel N Saied MB., B., Ch. FCCS course. Society of critical care medicine and Vanderbilt; Nashville, Tennessee. Airway Management workshop.
2. Nahel N Saied MB., B., Ch. FCCS. Vanderbilt & Society of Critical Care Medicine; Nashville, Tennessee. 2011 Jan 6; Airway management Skill station.

Internal Grand Rounds

1. Nahel N Saied MB., B. Ch. MSA Echocardiography series. Vanderbilt; Nashville, Tennessee. 2010 Oct 27; Transthoracic echocardiography for hemodynamic Monitoring.
2. Nahel N Saied MB., B., Ch. Nurse anesthesiology Grand rounds. Vanderbilt; Nashville, Tennessee. 2011 Feb 23; Malignant hyperthermia.
3. Nahel Saied. Anesthesiology Grand rounds. Vanderbilt University School of Medicine; Nashville, Tennessee. 2012 Feb 3; Newer Technologies of hemodynamic Monitoring.

Problem based learning discussion

1. Nahel N Saied MB., B.,Ch. Transesophogeal Echocardiography (TEE) for Hemodynamic Monitoring. Vanderbilt; Nashville, Tennessee. 2011 Apr 9; TTE Pathology.