

DR. SHAHLA SIDDIQUI
MBBS, DABA, FCCM

ADJUNCT ASSISTANT PROFESSOR
NATIONAL UNIVERSITY OF SINGAPORE

DIPLOMATE OF THE AMERICAN BOARD OF
ANESTHESIOLOGY, DABA (RECERTIFIED)
UNIVERSITY OF MARYLAND, USA

FELLOW CRITICAL CARE MEDICINE,
FCCM, AMERICAN BOARD OF
ANESTHESIOLOGY
COLUMBIA UNIVERSITY (USA)

AGA KHAN UNIVERSITY, MBBS 1994
PAKISTAN

ENROLLED IN POST GRADUATE STUDIES (Phd)
CENTER OF BIOMEDICAL ETHICS,
YONG LOO LIN SCHOOL OF MEDICINE, NATIONAL UNIVERSITY OF SINGAPORE
2018

CURRICULUM VITAE

BIO DATA

NAME : Shahla Siddiqui
MARITAL STATUS : Married
Date of Birth : July 11, 1970
E-mail Address : shahlasi@yahoo.com
Address : 57 Cairnhill Rd, Elizabeth Heights, Singapore, 229668
Telephone : (0065) 97966257
Status : Employment Pass

I. EDUCATIONAL BACKGROUND:

1989 - 1994 : MBBS – Aga Khan University Medical College, Karachi, Pakistan
1996 : ECFMG Certification
1995 : USMLE 1 & 2 passed
1999 : USMLE Step 3 passed.
2003 Sep : Diplomate American Board of Anesthesiology, USA
2012 July : American Board of Anesthesiology Recertification, USA
2013 Sep : ABA Critical Care Medicine Board, USA (FCCM)
2015 Jan : Phd candidate, NUS, Singapore (Bioethics).

II. TRAINING:

2001-2002 : Critical Care Fellowship, Columbia University, NY, USA

1998-2001 : Anesthesia Residency, University of Maryland, MD, USA
1997-1998 : Surgery Internship, Long Island Jewish hospital, NY, USA

III. WORK EXPERIENCE:

CONSULTANT DEPARTMENT OF ANESTHESIOLOGY, KHOO TECK
PUAT HOSPITAL, SINGAPORE. (ACGME International, JCIA accredited).
Mar 1st 2011 to date

ADJUNCT ASSISTANT PROFESSOR YONG LOO LIN SCHOOL OF MEDICINE,
NATIONAL UNIVERSITY OF SINGAPORE.
Oct 2014 - date

CLINICAL SENIOR LECTURER YONG LOO LIN SCHOOL OF MEDICINE,
NATIONAL UNIVERSITY OF SINGAPORE.
August 2012- Oct 2014

CONSULTANT AND ASSISTANT PROFESSOR AGA KHAN UNIVERSITY HOSPITAL,
KARACHI, PAKISTAN. (JCIA accredited).
Sep 2002- Feb 2011

IV. PROFESSIONAL DEVELOPMENT:

1. TRAINING PROGRAMS:

1998-2001 **Anaesthesiology Residency**
University of Maryland,
Department of Anesthesiology,
Baltimore, MD, USA.

1997-1998 **Surgery Internship**
Long Island Jewish Medical Center,
Department of Surgery
New York, NY, USA.

1995-1996 **Research Assistant**
Harvard University,
Boston, MA, USA.

July'01-Jun 02 **Critical Care Fellowship**
Columbia University,
Department of Anesthesiology,
New York, NY, USA.

2. MEDICAL COLLEGE ELECTIVES:

Sep-Oct'93 **UNIVERSITY OF TEXAS AT HOUSTON**
Otolaryngology, Houston, TX

Aug-Sep'93 **MASSACHUSETTS GENERAL HOSPITAL**
Department of Pediatrics, Boston, MA

Jul-Aug'93 **ST. PETER'S HOSPITAL**
Obstetrics & Gynecology,Surrey, UK.

3. WORK/ CLINICAL RESPONSIBILITIES:

Khoo Teck Puat Hospital: Coverage of OT lists and a 14 bedded Adult surgical ICU as Consultant with in house calls in the Intensive Care Unit and OT. These include General surgery, ENT, Orthopedics and Neurosurgery, dental, ophthalmology lists as well as acute pain rounds coverage. Credentialed for invasive procedures in OT and ICU including regional anesthesia, pain blocks, invasive lines, ultrasound, WINFOCUS, bronchoscopy, percutaneous tracheostomy, CRRT, NIV and TEE.

Mentorship: Yong Loo Lin School of Medicine :
Longitudinal Patient experience 2014
NUS student elective Feb 2014

UWCSEA student electives June 2014
AKUH resident mentorship 2010

Aga Khan University Hospital: Similar as above plus mixed ICU and Obstetrics as well as Pediatric anesthesia.

4. LICENSES & MEMBERSHIPS:

2000 to date	Indiana State License, US
2012	Singapore Society of Anaesthetists
2012	Singapore Intensive Care Medicine
1994-2013	Pakistan Medical and Dental Council
2000- date	American Society of Anesthesiology
2001- date	Society of Critical Care Medicine
2004- 2011	Pakistan Society of Anaesthesia.
2013	American Medical Association

5. COMMITTEES:

April 2012- date:	Audit and Research Steering Committee, KTPH
Aug 2013 – date:	Hospital Bioethics Committee, KTPH
Feb 2014 – date:	Member, Clinical Research Committee, KTPH
2009-2011	Director Undergraduate education, AKUH
2004-2006	Co director Residency Program, AKUH
2010-2011	Chair ICU research committee, AKUH

6. FACULTY PIONEERSHIP IN RESEARCH AND EDUCATION:

Aug 2013:	IPE: Introduction to Acute care for Undergraduates, KTPH
May 2012:	Singapore MMed Part 1 anaesthesia exam

Nov 2011:	Established ICU database, KTPH
Aug 2013	Bioethics consultant, KTPH
Jun '05-Sep '08	Core Research Faculty, AKUH

7. CLINICAL ACTIVITY:

AUDITS

1. Use of neuromuscular blockers in ICU	2002
2. Quality Indicators in ICU	2004
3. Readmissions to ICU	2004
4. Compliance with ICU sedation/ relaxation policy	2005
5. Delays in starting Radiology cases	2005
6. Non invasive ventilation in ICU	2007
7. Tracheostomies in the ICU	2007
8. APACHE II score in ICU	2005-6
9. Withdrawal of life support in ICU	2007
10. Delays in consults in ICU	2007
11. Use of LMAs in OT	2012
12. ICU database	2012
13. SICU bed utilization	2013
14. ASA 4 E patient outcomes	2013
15. Antibiotic timing, accuracy and de escalation in septic shock	2013

FORMS, POLICIES & GUIDELINES:

1. ICU teaching format 2013
2. ICU assessment form 2013
3. ICU presentation and handover format 2011
4. Research assessment form _ *Formulated to evaluate research projects being carried out in the Department.* 2007
1. Undergraduate evaluation form _ *For evaluation (continuous and end of rotation) of medical students.* 2008
2. Sedation policy _ *Formed to standardize sedation and relaxation of ventilated patients in the ICU according to international guidelines.* 2008
3. ICU indicator form _ *For the quarterly monitoring of ICU quality indicators. This helped in improvement in care.* 2009
4. APACHE II form _ *formed, distributed and carried out evaluation of admission status of the patients in the ICU according to international guidelines.* 2010
5. Withdrawal of support form _ *Helped in creation of a form to assess criteria for end of life care in the ICU.* 2010
6. DNR form _ *Assess criteria and outcome of all Do Not Resuscitate patients in our ICU.* 2010
7. Antibiotic restriction policy _ *To standardize and restrict antibiotic use in the ICU in order to prevent widespread resistance in our patients.* 2009
8. Authorship guidelines _ *helped to form an outline to assess appropriateness of authorship awarded in research papers.* 2009

V. TEACHING/ EDUCATIONAL ACTIVITIES:

1. PARTICIPATION AS RESIDENT/ FELLOW:

2000
2001

Grand Rounds- Heart Transplantation
Grand Rounds- Renal Cell apoptosis

Several other research presentations, case presentations, journal clubs and student lectures as part of the curriculum of training.

2. PARTICIPATION AS FACULTY:

Undergraduate:

Formal structured lectures as well as informal OR teaching of Medical students.

1. Lectures - Regional Anaesthesia – once every 2 months. 2008
2. Lectures – Fluid balance and blood transfusion – once every 2 months. 2010
3. Compiled a handbook of lectures for Undergraduate students in Anaesthesia. 2010
4. Introduction to Acute care for undergraduates – IPE 2013

Postgraduate:

OR teaching, list during rotations of residents/ MO, ICU bedside teaching and structured lectures in the ICU.

1. Scoring systems in the ICU – ICU lecture 2003
2. Myasthenia Gravis – Faculty lecture 2005
3. Neuro intensive care- ICU lecture 2005
4. Antibiotics in the ICU- new advances- Faculty lecture 2005
5. Restrictive lung disease- FCPS course. 2006
6. Ventilation, weaning and care of the ventilated patient- FCPS course 2006
7. Lecture- ICU- Sepsis, ARDS, bedside teaching 2003-date
8. ARDS- ICU lecture 2006
9. Failure to wean- Faculty lecture 2006

10. Endocrine patient with diabetes- CME course	2007
11. Antibiotic restriction in the ICU-Faculty lecture	2007
13. Inotropes- Faculty lecture	2007
14. Obesity- Tutorial	2007
15. Renal disease in the ICU-Faculty lecture	2008
16. Ventilation- ICU lecture	2008
17. Restrictive lungs- Tutorial	2008
18. Orthopedics teaching list – OR teaching	2010
19. Management of head Injury- new advances- Faculty lecture	2010
20. Indications for ICU admission and perioperative critical care- Faculty lecture	2010
21. Trauma CPC – Hospital CPC	2012
22. Damage control resuscitation- Dept teaching	2012
23. Critical care update- dept teaching plus hospital CPC	2012
24. Preoperative anaesthesia assessment – GS MO teaching	2011-12
25. Patient monitoring – MO introductory lectures	2012
25. Paper critique – AST teaching	2012
26. Exam VIVAs – Mmed part 2 prep	2012
27. LMA audit presentation	2012
28. Senior AST teaching	2013
29. Critical care update – dept teaching	2013
30. BASIC lecture – ventilation , TTSH	2013
31. ICU database – CRU hospital presentation	2013
32. Weekly ICU lecture series	2013

Teaching of nurses and technicians:

1. Monitoring in Anaesthesia- Anaesthesia technician CME course 2005
2. Reading chest Xrays for nurses- Recovery Room nurses refresher course 2007
3. Role of technicians in emergencies- technicians CME course 2010
4. Patient monitoring- AU nurses 2012
5. ICU IPE 2013
6. CTS lecture Anaesthesia NUS students 2014
7. NUS Nursing Masters students lecture on Neurotrauma 2014

Teaching Activities:

Assigned OR trainee lectures and tutorials as well as ICU lectures. Also assigned teaching of Anaesthesia technicians and medical students.

Invited Lectures for Postgraduate Courses:

1. Asthma- FCPS refresher course, Aga Khan University Nov 2005
2. Surviving sepsis- Critical care symposium, Aga Khan University Sep 2005
3. Restrictive lung disease- *invited speaker*- FCPS course Aug 2006
4. Ventilation, weaning and care of the ventilated patient- FCPS course May 2007
5. Co- Chair scientific committee, Critical care symposium Aga Khan Univ May 2005
6. CME course on Pediatric anesthesia- Dept. of Anaesthesia, Aga Khan Univ June 2006
7. CME on Regional anesthesia –Dept. of Anaesthesia, Aga Khan Univ Oct 2007
8. Patient Monitors and Machine, Khoo Teck Puat, Dept of Anesthesia MO lec May 2011

9. BASIC lectures – mechanical ventilation	Jun 2013
10. Origins of Medical Ethics and Professionalism- Dept lecture	Nov 2013
11. PRIME lecture, Teaching Acute care to undergraduates	Feb 2014
12. Small Investigators group Singapore Airway	Mar 2014
13. Anaesthesia for Surgeons	June 2014
14. Pain management for surgeons	July 2014
15. Hospital CPC on Dying with dignity in ICU	Jan 2015

CME lectures:

1. Anaesthesia for the Diabetic patient, AKU	2004
2. Anaesthesia for Obesity , AKU	2004
3. Asthmatic patient and anaesthesia	2006
4. Regional anaesthesia- CME lecture	2008
5. ABGs and PFTs – FCPS Refresher Course	2010
6.ACE and SEE – ASA	2011-12
7.Jenson’s Anesthesia Board Review course, USA	2012
8.MKKAP practice exam for CCM	2013
9. ACCP Board review course - ACCP	2013

Other teaching/ Educational Activities:

Advisor – Phase 2 medical students, ICU residents. 2003-2011

Mentor – Coordinated and assisted resident in dissertation writing for FCPS examination.
‘ APACHE II scoring systems- S. Ahmed.’ 2009

Mentor – Medical officers KTPH	2012-13
WINFOCUS – ultrasound course, participant	2013 Oct
Ultrasound workshop – ACA	2013
Asean Congress of Anaesthesia – poster presenter	2013
ANZICS ICU conference – poster presenter	2013
ACCP Board Review Course in ICU - participant	2013
Longitudinal Patient experience	2014
Student elective , NUS , UWCSEA Singapore	2014

VI. COMMITTEE PARTICIPATION/ ADMINISTRATIVE EXPERIENCE

Committees:

Nov 2010	Poster Committee, Silver Jubilee conference
Jun'06-Sep'08	Department research committee
Feb '05-Dec'06	Department Residency Committee
Dec '02-Sep '08	Secretary, ICU committee
Sep '07-Sep'08	Coordinator Undergraduate program
Sep '02-Sep 04	Nutrition Committee
Mar-Dec 2007	Dept. Quality Assurance committee
Oct 2011	Implementation of Surgical Care Improvement Project (SCIP)

2013	Department ACP (advanced care planning) champion , KTPH
2013	Hospital Bioethics committee, KTPH
2013	Dept Audit Steering committee, KTPH
2014	Hospital Clinical Research committee, KTPH
2014	Hospital Organ transplant Committee

Administrative Experience:

AKU

Coordinator Technician teaching program

Jun '09-date

Supervise and coordinate a teaching schedule for all trainee technicians culminating in a CME certificate at the end of one year. Conduct an examination at the end of the year. Organise and facilitate a CME course at the end of the year for all Anaesthesia technicians.

Departmental library

Jun '09-date

Assure that the library is up to date and facilitate acquisition of new journals in collaboration with the main Health Library.

Past Experience

Coordinator ICU teaching Program

Jan'06- Sep'08

Organized and disseminated ICU teaching topics amongst ICU faculty. Monitored the ongoing teaching activities and started ICU Journal club. Also conducted End of Rotation ICU vivas and continuous evaluation of all residents rotating in the ICU and reported to Departmental Residency Director.

KTPH: Organised structured ICU rounds and handover, Established SICU database 2012

Coordinator Anaesthesia Undergraduate Program

Jun '06-Sep 08

Supervised and Coordinated rotation, teaching and examination of fourth year medical students in Department of Anaesthesia. Held OSCE exam every 2 months, MCQ and oral test held every 2 weeks. Designed Undergraduate evaluation form. Contributed to and formulated MCQ bank and OSCE question bank.

Coordinator Anaesthesia Residency program

Jun '03-'04

Supervised and coordinated Anaesthesia postgraduate trainees. Organised their rotation and both continuous evaluations and end of rotation examinations. Checking examination papers and organizing an MCQ bank. Undertaking ICU vivas and ICU rotations as well as ICU teaching schedule.

Director Anaesthesia Radiology Services

Jan'03-'05

Administrative aspects of Anaesthesia radiology services and the smooth running of all MRI, angiography as well as CT scan cases done under General anaesthesia.

SCHOLASTIC ACTIVITY:

Editorial Activities

Associate Editor and Reviewer: Journal of Pakistan Medical Association (indexed) Jun 2007

Associate Editor and Reviewer: Journal of Medical Case Reports (indexed) Jul 2008

Reviewer Alexandra health Forum Jul 2014

Book Chapters:

Contributed chapters in the Text book compiled by the Department of Anaesthesia.

1. Antibiotics in the ICU- Anaesthesia Lecture notes Vol 1 2007
2. Sedation in the ICU – Anaesthesia Lecture Notes Vol 2 2008
3. Handbook of Undergraduate Lectures (see below) 2008
4. Palliative Care in the Elderly- Oxford University Press 2014
5. Cochrane Review book: Early vs late preICU antibiotics in severe sepsis 2012

Workshops Conducted:

- | | |
|---|------------|
| 1. Nutrition workshop | May2003 |
| 2. Transport of the critically ill- PSA Karachi | Oct 2006 |
| 3. NIV – Critical care symposium | Mar 2005 |
| 4. Weaning from the ventilator- Critical Care symposium | Apr 2006 |
| 5. Research Writing Workshop – Department of Anaesthesia Research retreat | Feb 2007 |
| 6. Fibreoptic bronchoscopy –FEEA Course | March 2008 |

WORKSHOPS ATTENDED:

- | | |
|--|---------------------|
| 1. PBL workshop- Attended | Dec 2004 |
| 2. Good Clinical Practices- Attended | Apr 2006 |
| 3. Systematic Review- Attended | July 2006 |
| 4. ACLS recertification- - Attended | Jul 2006 & Jul 2009 |
| 5. Patient Safety workshop – attended | Oct 2010 |
| 8. Open disclosure workshop, KTPH | 2012 |
| 9. Winfocus ultrasound workshop | 2013 |
| 10. Ultrasound workshop ACA | 2013 |
| 11. Educational Research Workshop – KTPH | 2013 |
| 12. Professionalism workshop SMA | 2014 |
| 13. APMEC workshops on IPE , mentorship | 2015 |

COURSES ATTENDED:

1. Multidisciplinary ICU Course – SCCM, Chicago, USA (*participant*) Jul 2005
2. Singapore Society of Anesthesia 2012
3. Singapore anaesthesia refresher course- Singapore 2012
4. Alexandra Health Forum 2012
5. ACCP board review course 2013

INVITED LECTURES AND PRESENTATIONS AT CONFERENCES:

INTERNATIONAL

1. Urinary markers of apoptosis in norepinephrine infusions- Siddiqui, S. Lee, HT, Sladen, R. ASCCA oral presentation Oct 2002, Oral presentation at NY Academy of medicine, May 2002, Research meeting Columbia University June 2002
2. Early broad spectrum antibiotics in the ICU- *Free paper*, **first prize** Malaysian ICU conference. June 2007
3. Trial of alprostadil in ARDS. – *Free paper*, **runner up** Malaysian ICU conference June 2007
4. Antibiotic Restriction policy in ICU- *Free paper*- Asian Intensive Care Conference Hong Kong. Nov 2007
5. Impact of antibiotic restriction on broad spectrum antibiotic usage in the ICU of a developing country- *Free paper* –Dubai Intensive Care Conference IMD Apr 2008
6. PGE1 Nebulization During Caesarian Section For Eisenmenger Syndrome - A Case Report –*Free paper*- Dubai Intensive Care Conference IMD Apr 2008

NATIONAL

16. BIS monitoring in a difficult airway patient – PSA Lahore - *free paper* May 2006
17. Expectations of ICU families- PSA Karachi –*free paper* Jun 2007
18. PA catheter use in the ICU- *free paper*- Medicine research retreat May 2007
19. PGE 1 nebulization in ARDS- *free paper* -Medicine research retreat May 2007
20. Weaning from the ventilator- *free paper*- Anaesthesia research retreat Mar 2008
21. Effect of Clinical Clerkship On attitude of medical students towards Anesthesia as a career choice in a developing country – *free paper*- Anaesthesia research retreat Feb 2010
14. Past 5 years in critical care – a review . First National Anaesthesia and Critical care conference. Aga Khan University, Karachi. Nov 2010

CONFERENCES/ MEETINGS ATTENDED:

INTERNATIONAL

1. **Dubai** Anaesthesia and Critical care conference IMD (posters and free paper) Apr 8-10 2008
2. ESICEM **Brussels** ICU conference (posters and free paper) April 2006
3. 5th **Malaysian** National ICU conference Kuala Lumpur (posters and free paper) Jun 2007
4. Asian Intensive Care Conference **Hong Kong** (free paper & posters) Nov 2007
5. Evidence Based Perioperative Medicine, London, UK Jun 2010
6. 8th UAE International Conference on Anaesthesia and Pain. Sharjah, UAE. Dec 2010
7. Evidence Based Perioperative Medicine (EBPOM) - London , UK 2011

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|--------------------------------------|------|
| 8. ANZICS, Singapore | 2013 |
| 9. SSA, Singapore | 2013 |
| 10. PRIME lecture on IPE in ICU, NUS | 2014 |

NATIONAL

- | | |
|---|------------------------------|
| 1. Critical care symposium AKU, invited speaker. | Nov 2005 |
| 2. PSA Karachi , (posters and free paper) | 2003, 2004, 2005, 2007, 2010 |
| 3. PSA Lahore (posters and free paper) | 2006 |
| 4. FEEA CME course, AKU , (workshop) | 2007 |

POSTERS:

INTERNATIONAL

- | | |
|---|------------|
| 1. The Use of Cortical and Somatosensory Evoked Potentials during Craniotomy for Aneurysm Clipping. Shahla Siddiqui, M.D.; Bryan B. Ferguson; David L. Schreiber, M.D. A269. American Society of Anesthesiology Conference. | 2001 |
| 2. Renal cell apoptosis with norepinephrine infusion- Shahla Siddiqui, M.D.; Ayuko Ota-Setlik, M.S.; Charles W. Emala, M.D.; Robert N. Sladen, M.B.; H.T. Lee, M.D., Ph.D. – Columbia University | 2002 |
| 3. Urinary Markers of Renal Cell Apoptosis Are Elevated with Exogenous Norepinephrine Shahla Siddiqui, M.D.; Ayuko Ota-Setlik, M.S.; Charles W. Emala, M.D.; Robert N. Sladen, M.B.; H.T. Lee, M.D., Ph.D. A367, American Society of Anesthesiology Conference. | 2002 |
| 6. How early do antibiotics have to be? S Siddiqui, N Salahuddin, J Razzak, A. Reza – Malaysian ICU conference | 2007 |
| 7. PA catheter efficacy –S Siddiqui, G. Das, N Salahuddin. Brussels ESICEM, Asian ICU conference HK, | 2006, 2007 |
| 8. APACHE II score –S Siddiqui, R Manasia, N Salahuddin, IMD Dubai | 2007 |

9. Genetics and sepsis- S Siddiqui, F Khan, B Jamil, etal . Health sciences research assembly (HSRA) AKU, Malaysian ICU conf., IMD Dubai 2007
10. Fat embolism syndrome – a case report. S. Javed, S. Siddiqui. Evidence based perioperative medicine conference , London, UK 2010
11. LMA use in OT- Alexandra Health forum 2012
12. ICU database- Alexandra Health forum 2012
13. Plan- Pancreatitis, trauma and sepsis databases 2013
14. 2nd Singapore ANZICS – readmissions, database, trauma 2013
15. ASEAN – readmissions 2013
16. SHBC – database, LMA audit, trauma 2013
17. APMEC – Singapore: ‘Surgeons take on End of Life’ 2014
18. AACA – Auckland: ‘Laryngeal Mask Airway Supreme™ in Critical Care Unit Rescue Airway Situation 2014
19. Trauma Singapore 2014- Gose scores, Trauma outcomes 2014
20. ANZCA, RACS, Singapore- IPE, throat pack, mentor, QOL 2014
21. AH Fest 2014 – mentor, IPE, septic shock 2014
22. APMEC poster on IPE in ICU 2015

NATIONAL

1. An assessment of expectations of ICU families – S Siddiqui, F Sheikh, R Kamal. Health Sciences research assembly 2005
2. Antibiotic restriction policy –S Siddiqui, K Hussein N Salahuddin. Health sciences research Assembly AKU 2006
3. PGE1 nebulisation in ARDS –S Siddiqui, N Salahuddin, A Gilani etal. Health Sciences Research Assembly AKU 2006
4. Determination of intravascular pedicle width – S Siddiqui, N Salahuddin etal Medicine retreat AKU 2006

5. Tracheostomies in the ICU –S siddiqui, J Khan PSA Lahore 2006
6. End of life in the ICU –, N Salahuddin S Shafquat S Siddiqui etal. Health Sciences research assembly AKU 2006
7. Viral hemorrhagic fever –S Siddiqui, A Asghar. HSRA AKU, PSA Karachi 2007
8. Delays in ICU consults – S Siddiqui, Q Hoda etal. HSRA AKU 2007
9. BIS monitoring in a difficult airway –F Shafiq, S Siddiqui. HSRA AKU 2008
10. Clinical characteristics and outcome of sepsis – S Siddiqui, F Khan, B Jamil- Anaesthesia research retreat AKU 2010
11. Clinical characteristics and outcome of sepsis: a perspective from a tertiary care hospital in Karachi Pakistan. – S. Siddiqui, B. Jamil, F. Khan, etal. HSRA AKU 2010
12. Differential associations of proinflammatory (IL6) and down regulatory (IL10) cytokine with mortality – B. Jamil, S.Siddiqui etal. HSRA AKU 2010
13. Effect of clinical clerkship on attitude of medical students towards anaesthesia as a career choice in a developing country – F. Khan, F. Minai, S. Siddiqui. HSRA AKU 2010
14. Fat Embolism Syndrome – S. Javed, S. Siddiqui – PSA Karachi. 2010
15. Effect of inhaled PGE1 on diastolic dysfunction, LVEDP, pulmonary hyperension and hypoxia in ARDS patients – S. Siddiqui, N. Salahuddin, S. Zubair, etal. Sharjah, UAE. 2010
16. Audit on peri operative Midazolam and sedation – S. Mohammad, S. Siddiqui.UAE 2010
17. To compare methods used in our operating room to alleviate tourniquet pain – A. Asghar, S. Siddiqui. UAE. 2010

GRANTS OBTAINED:

INTRAMURAL:

- 1. Seed money** : An Assessment of expectations of families of patients admitted in the ICU- Rs. 50,000. (complete) 2007

A survey addressing the communication needs of ICU patient's families and their objectives. 120 patients families enrolled and surveyed.

- 2. URC grant** : Towards unraveling the molecular and genetic architectures of sepsis in a Pakistani Population. — \$ 26,000. (complete) 2008

A controlled trial looking at the demographics, frequency, cytokine profiles and genetics of sepsis patients in our population. This type of study has not been done before in this region of the World.

- 3. NMRC – Singapore S\$ 7000 – ICU database 2013**

EXTRAMURAL:

- 1. HEC grant** : An Assessment of expectations of families of patients admitted in the ICU- Rs. 60,000. (complete) 2007

- 2. PMRC grant:** Trial of inhaled *iloprost* to improve hypoxia and pulmonary hypertension. RCT on inhaled PGE1 for ARDS and PAH -Rs. 170,000. (complete) 2008

A Prospective double blinded Randomized Controlled Trial enlisted with NIH Clinical Trials.gov assessing the efficacy of inhaled drug vs placebo for the improvement of Pulmonary Hypertension and Hypoxia in Adult Respiratory Distress syndrome patients.

- 3. NMRC grant S\$ 7000, Establishing an ICU database 2013**
- 4. AH Educational grant S\$2000 IPE in ICU for undergraduates 2014**
- 5. RISE grant, KTPH - End of life database 2015**

DSRB approvals:

1. Quality of life survey KTPH 2013
2. End of life registry 2013
3. Airway survey 2012

PUBLICATIONS:

INTERNATIONAL PEER REVIEWED INDEXED

1. "What families want - an assessment of family expectations in the ICU"
Shahla Siddiqui, Farheen Sheikh and Rehana Kamal
International Archives of Medicine 2011, 4:21
2. How Early do antibiotics have to be to impact mortality in severe sepsis? A prospective, observational study from an Emergency department. S. Siddiqui, N. Salahuddin, J. Razzak, A. Raza. Shahla Siddiqui, Nawal Salahuddin*, Adeel Raza*, Junaid Razzak**J Ayub Med Coll Abbottabad 2009;21(4)
2. Early vs late broad spectrum antibiotics in severe sepsis- Cochrane review, Oct 2010 Issue 10, 2010;. S. Siddiqui, J. Razzak.
3. PGE1 nebulisation during caesarean section for Eisenmenger's syndrome: a case report.
Siddiqui S, Latif N. **J Med Case Reports**. 2008 May 9;2:149. BIOMEDCENTRAL.
4. Avoidable in-hospital cardiopulmonary arrests: does a teaching hospital need a rapid response team? Nawal Salahuddin , Amir Umer, Fahd Durrani , Shahla Siddiqui , and Shahid J. Hussain
Chest 2008 134: s48002.
5. Early versus late pre-intensive care unit admission broad spectrum antibiotics for severe sepsis in adults. Protocol. Shahla Siddiqui, Junaid Razzak. **Cochrane Library** Issue 2, 2008.
6. End of life in the intensive care unit: knowledge and practice of clinicians from Karachi, Pakistan. N. Salahuddin, S. Shafqat, S. Mapara, S. Khan, S. Siddiqui, R. Manasia, A. Ahmad.
Internal Medicine Journal. Volume 38, Issue 5, Date: May 2008, Pages: 307-313.

7. The Determination of Intravascular Volume Status in Critically Ill Patients Using Portable Chest X Rays: Measurement of the Vascular Pedicle Width N.Salahuddin, S.siddiqui, etal. **Indian J of Critical Care Medicine**, 2007. Vol :11 Issue :4 Page: 192-197.
8. Reduction in ventilator-associated pneumonia rates through a staff education programme. N. Salahuddin, etal, S. Siddiqui. **J of Hosp Infection** vol 57, (3) july 2004, pg 223-227.
9. Anesthetic management of a parturient with severe emphysema. Siddiqui S, Afrangui B, Malinow AM: **International Journal of Obstetric Anesthesia** 11: 138, 2002.
10. Not "surviving sepsis" in the developing countries. Siddiqui S.
J Indian Med Assoc. 2007 Apr;105(4):221.
11. Does early tracheostomy really change outcomes in the intensive care unit ? A.Ali, S. Siddiqui ,N. Salahuddin. **The International Journal of Anaesthesia**. ISSN 1361-8245. ONLINE.
12. The "dying" art of communication in the intensive care unit. Siddiqui S. **J Pak Med Assoc**. 2007 Dec;57(12):621.
13. Impact of antibiotic restriction on broad spectrum antibiotic usage in the ICU of a developing country. Siddiqui S, Hussein K, Manasia R, Samad A, Salahuddin N, Zafar A, Hoda MQ. **J Pak Med Assoc**. 2007 Oct;57(10):484-7.
14. Efficiency of PA catheters in the ICU of a tertiary care hospital. Siddiqui S, Das G, Ahmed S, Ghafoor H. **J Pak Med Assoc**. 2006 Aug;56(8):375-7.
15. One year experience of MRI under general anaesthesia. Siddiqui S. **J Pak Med Assoc**. 2006 Jul;56(7):332-4.

16. Viral hemorrhagic fever - an ICU perspective. Ali A, Siddiqui S. **J Coll Physicians Surg Pak**. 2006 Jul;16(7):493-4.
17. BIS monitoring in a patient with history of awareness and a difficult airway. Siddiqui S, Shafiq F. **J Pak Med Assoc**. 2006 May;56(5):236-8.
18. Retrospective review of the use of Swan Ganz catheters in our intensive care unit (ICU): a short report. Siddiqui S. **J Pak Med Assoc**. 2005 Dec;55(12):558-9.
19. Outcome of home mechanical ventilation. Salahuddin N, Haider K, Husain SJ, Ali AB, Siddiqui S, Hameed F, Manasia R. **J Coll Physicians Surg Pak**. 2005 Jul;15(7):387-90.
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 50. AVOIDABLE IN-HOSPITAL CARDIOPULMONARY ARRESTS: DOES A TEACHING HOSPITAL NEED A RAPID RESPONSE TEAM?
Nawal Salahuddin, Amir Umer, Fahd Durrani, Shahla Siddiqui, Shahid J. Hussain
Chest 10/2008; 134.
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ONGOING AND PLANNED AUDITS AND PROJECTS:

1. End of life Registry – SICU 2012, KTPH.
2. Quality of life, HOTA survey- KTPH, CBME, NUH

3. ICU teaching curriculum survey
4. Masters/ Phd in Clinical Bioethics, 2015 NUS (enrolled),
5. IPE in ICU for undergraduates, NUS, KTPH,
6. ARDS in Singapore, NUH, KTPH,
7. PTSD in ICU staff, KTPH.

ABSTRACTS:

1. The Use of Cortical and Somatosensory Evoked Potentials during Craniotomy for Aneurysm Clipping. Shahla Siddiqui, M.D.; Bryan B. Ferguson; David L. Schreiber, M.D. **Anesthesiology** 2001; 95:A269. **American Society of Anesthesiology Conference.**
2. Urinary Markers of Renal Cell Apoptosis Are Elevated with Exogenous Norepinephrine Shahla Siddiqui, M.D.; Ayuko Ota-Setlik, M.S.; Charles W. Emala, M.D.; Robert N. Sladen, M.B.; H.T. Lee, M.D., Ph.D. **Anesthesiology** 2002; 96: A367, **American Society of Anesthesiology Conference.**
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5. Family Centered ICU management of a patient: A case in point in a path to success. S. Siddiqui, I. Zaidi. Singapore Society of Anaesthesia GSM 2011
6. A prospective observational audit to see the effect of intraoperative lower limb tourniquet on heart rate and blood pressure. S. Siddiqui, A. Asghar, C. Kumar. SSA GSM 2011.
7. What Families want- an assessment of family expectations in the ICU- S. Siddiqui, F. Sheikh, R. Kamal. SSA GSM, 2011.
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10. Patients readmitted to the ICU – can they be prevented? S. Siddiqui. 2nd Singapore ANZICS IC forum, May 2013. P 46.
11. Establishing an ICU database – what you know can help you. S. Siddiqui, Yap, SF, Chia N.etal. 2nd Singapore ANZICS IC forum, May 2013. P 46.
12. Outcomes of Non TBI trauma patients. S. Siddiqui, G. Ramalingam, KF, Koh. 2nd Singapore ANZICS IC forum, May 2013. P 46.

Journal Reviewer for:

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|---|-----------------------|
| 1. Journal of Pakistan Medical Association – | Associate Editor 2006 |
| 2. Journal of Medical Case Reports - | Associate Editor 2008 |
| 3. International Journal Collaborative Research on Internal Medicine and Public Health- | 2009 |
| 4. University research council- AKU | 2008 |
| 5. Journal of Pain and Relief | 2012 |
| 6. Cochrane Library | 2012 |

Miscellaneous:

Blog writer for : Kevin MD website USA
 Crit IQ: Australian ICU website

Volunteer: SOS orphan children's village Pakistan
 UWCSEA school welfare program, (Kuma School Cambodia) Singapore.

Interests:

Sailing, Riding horses.