



SALEM MOHAMMED AL SHAMMARI

Address: Riyadh 11426, Kingdom of Saudi Arabia

Phone: +966 505 46 86 29

Email: shammarysm@ngha.med.sa | shammarysm@gmail.com

SUMMARY

Accomplished and seasoned anesthesia technologist and educator with over three decades of clinical, academic, and administrative experience in healthcare. Demonstrates deep expertise in anesthesia equipment and procedures, curriculum development, research, and staff leadership. Recognized for excellence in teaching, equipment procurement, international academic collaboration, and commitment to continuous medical education. Proven record of developing national-level programs and actively contributing to medical publications and conferences.

QUALIFICATIONS

Master of Medical Education King Saud Bin Abdulaziz for Health Sciences, Riyadh, KSA. GAP: 4.28/5	January 2018
Bachelor of Science in Intra and Per-operative Practice (Pathway Anesthesia) Cardiff University, Prifysgol Caerdydd, United Kingdom	July 13, 2011
730-7, Further Education Teachers Certificate People's College Nottingham	January 1998 - January 1999
Diploma in Operating Department Practice Level 3 City & Guilds National Vocational Qualification	October 1998
Diploma in Anesthesia & Intensive Care Unit Health Institute, Ministry of Health, Riyadh, KSA	1987 - 1990
High School Diploma Health Institute Secondary School Certificate, Riyadh, KSA	1987 - 1990

WORK EXPERIENCE

- Anesthesia Technology Program Lecturer - King Saud Bin Abdulaziz for Health Sciences (KSAU-HS), Riyadh – KSA - Chief Anesthesia Technology Services	2015 - Present
- Department of Anesthesia, King Abdulaziz Medical City, Ministry of National Guard, Riyadh, KSA - Senior Anesthesia Technician (Liver Transplant, Cardiac Service)	2003 - Present
- Department of Anesthesia, King Abdulaziz Medical City, Ministry of National Guard, Riyadh, KSA - Anesthesia Technician	1994 - 2003
- Department of Anesthesia, King Abdulaziz Medical City, Ministry of National Guard, Riyadh, KSA - Summer Training Program in Anesthesia	1991 - 1994
- Department of Anesthesia, King Abdulaziz Medical City, Ministry of National Guard, Riyadh, KSA - Eight Weeks Training Program	July- September, 1990
King Fahad Hospital, Riyadh, KSA	July- August , 1989

DUTIES & RESPONSIBILITIES AS CHIEF ANESTHESIA TECHNOLOGY SERVICES

- Conducting the written Annual Evaluations for all Anesthesia Technicians, providing promotional recommendations within the Hospital Project criteria.
- Continuous monitoring and evaluation of Anesthesia Technicians in the assigned department.
- Assisting in the development of the department's Budget Proposals and Requirements.
- Organizing, ordering, and assisting in the procurement of minor and major Anesthesia equipment for the Department of Anesthesia, as requested by the Anesthesia Chairman. This includes expediting delinquent and emergency deliveries.
- Collaborating with Materials Management and Purchasing Departments to organize consumable stock controls, alterations to purchase requisitions and orders, substitutions and alternates to existing stock, and basic economy controls.
- Providing assistance and organization in the certification and re-certification of Anesthesia Technicians in Saudi Council Registration, Basic Life Support (BLS), Advanced Cardiac Life Support (ACLS), Pediatric Life Support (PALS), Hand Hygiene, Annual Infection Control, and Basic Medication Safety, where appropriate.
- Liaising with the Pharmacy Department regarding the supply of Anesthesia drugs based on an effective control mechanism and check and balance.
- Providing assistance to all members of the Operating Room/department to achieve maximum levels of patient care and safety
- Organizing Departmental Workshops for all Anesthesia Staff.
- Assisting in the development and organization of new hospital projects associated with the department.
- Developing and implementing an Anesthesia In-service Program for Anesthesia Technicians, including minor and major equipment demonstrations.
- Participating in CBAHI and JCIA within Anesthesia and Operating Room Services.
- Organizing training for staff abroad.
- Scheduling and monitoring all travel authorizations and vacations for Anesthesia Technicians.
- Preparing monthly rosters and business slate schedules.
- Developing and implementing all Departmental Policies and Procedures (DPPs) for the Anesthesia Technology Division.

INVITED LECTURES

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| • Toward Excellence in Clinical Teaching Workshop, COM Debriefing Room – KSAUHS, MNG-HA, Riyadh, KSA | 22nd Jan 2013 |
| • Six Sigma, Training and Development Dept, MNG-HA, KSA | 24th - 25th Jun 2012 |

CONDUCTED RESEARCHES

• Evaluating the Awareness of Preoperative Fasting among Adult Patients for Elective Surgery in National Guard Health Affairs (NGHA), Riyadh, Saudi Arabia.	26th Feb 2021
• Published in the International Journal of Medical Science and Innovative Research (IJMSIR), Volume 6, Issue 1, Pages 272-284.	February 2021
• Estimate the Best Method Associated with Lower Infection Rate with Central Line Insertion in Adult Patients in King Abdulaziz Medical City (KAMC).	26th Feb 2021
• Published in the International Journal of Medical Science and Innovative Research (IJMSIR), Volume 6, Issue 1, Pages 229-238.	February 2021
• A Survey Study to Evaluate the Awareness and Perception of the Role of Anesthesia Technologist among Applied Medical Science Students at KSAU-HS in Riyadh, Saudi Arabia: Cross-Sectional Study.	26th Feb 2021
• Published in the International Journal of Medical Science and Innovative Research (IJMSIR), Volume 6, Issue 1, Pages 190-206.	February 2021

CERTIFICATES, COURSES AND CONFERENCES ATTENDED

• 16th Annual Conference of the Saudi Anesthesia Society (SAS 2024), Crowne Plaza Minhal Riyadh – Accredited by SCFHS for 20 CPD/PD credit hours	14–16 November 2024
• Second Doha Conference for Training & Development – held in Doha, Qatar	22–23 November 2024
• TOT on the Go – Teaching and Assessment Course, monitored by the Saudi Commission for Health Specialties.	December 2024
• Certified by PMI-PMP for expertise in leading projects and achieving goals through effective planning and resource management.	13 February 2025
• Certified by PMI-RMP for proven expertise in assessing and identifying project risks to ensure successful project outcomes.	18 March 2025
• Certified in Artificial Intelligence as a Tool in the Hands of the Trainer by the International Union for Training and Development (IUTD).	4-5 January 2025
• Certified in Artificial Intelligence: A Tool in the Hands of the Trainer by Mega Center for Administrative Training	January 2025
• Certified in Artificial Intelligence as a Trainer's Tool – SACUM & Training (DECOM for Consulting and Training)	January 2025
• Clinical Research Coordinator Course	Sep 4, 2022
• 15th SAS International Conference (24 CME), Saudi Anesthesia Society	Nov 17-19, 2022
• The 5th Saudi Simulation Conference 2022 (25 CME), Organizer: Ministry of Health, Riyadh, Saudi Arabia.	Nov 6-10, 2022

CERTIFICATES, COURSES AND CONFERENCES ATTENDED

• Health Innovation Hackathon, King Saud Bin Abdulaziz University for Health Sciences, 2022, Recognition: Second Rank	
• Ultrasound guided regional anesthesia course, Dubai Health Authority.	Nov 22–23 -2021
• Anesthesia Workshop, Istanbul, Turkey	Jul 19–20- 2018
• 5th World Congress on Vascular Access, Tivoli Hotel & Congress Center, Copenhagen, Denmark.	Jun 20–22- 2018
• Awake Intubation - Third Health Professions Conference, KSAU-HS.	Apr 17–19-2018
• Anesthesia Machine Operation & Troubleshooting (5 CME), Training & Development, KAMC-MNG-HA, Riyadh – KSA	Apr 7- 2018
• Pharmacology, Training & Development, KAMC-MNGHA, Riyadh – KSA.	Mar 17- 2018
• Ultrasound Course for Intravenous Cannulation, Training & Development, KAMCMNGHA, Riyadh – KSA.	Mar 13- 2018
• 8th International Difficult Airway Management Workshop (16 CME), King Faisal Specialist Hospital & Research Center, Riyadh – KSA.	Mar 3–4-2018
• Hemodynamic Monitoring (5 CME), Training & Development, KAMC-MNGHA, Riyadh – KSA.	Mar 3-2018
• Blood Gas Interpretation (5 CME), Training & Development, KAMC-MNGHA, Riyadh – KSA.	Feb 10-2018
• Airway Management (5 CME), Training & Development, KAMC-MNGHA, Riyadh – KSA.	Feb 3- 2018
• Simulation Course, Training & Development, KAMC-MNGHA, Riyadh – KSA.	Jan 27-2018
• Oxygenation & Mechanical Ventilation (5 CME), Training & Development, KAMCMNGHA, Riyadh – KSA.	Jan 22- 2018
• Ultrasound Course for Intravenous Cannulation (5 CME), Training & Development, KAMC-MNGHA, Riyadh – KSA.	Nov 11- 2017
• Pharmacology Course (5 CME), Training & Development, KAMC-MNGHA, Riyadh – KSA.	Nov 7- 2017
• Advanced Ultrasound Guided Regional Anesthesia (AURA) (12 CME), Royal College of Anesthetists, UK & Dubai Health Authority.	Sep 24–25- 2017
• Non-invasive Smart Technology & Latest Strategies in Patient Management New Insights, new challenges in Brain Function Monitoring & Cerebral Oxygenation, Hemodynamics and Peri-operative Oxygenation, Masimo Science and Technology Summit, Dubai, UAE.	Sep 6–7-2017
• Health Professions Conference 2017, College of Applied Medical Sciences, KSAU-HS, Riyadh – KSA.	Apr 25- 2017

CERTIFICATES, COURSES AND CONFERENCES ATTENDED

• Difficult Airway Management, College of Applied Medical Sciences, KSAU-HS, Riyadh – KSA.	Apr 25- 2017
• 7th International Difficult Airway Management Workshop in Collaboration with the Society for Airway Management (SAM), USA (16 CME), Postgraduate Centre, King Faisal Specialist Hospital & Research Center, Riyadh-KSA.	Mar 25–26-2017
• The 12th SAS International Anesthesia Conference (24 CME), Faisaliah Hotel, Riyadh – Kingdom Saudi Arabia.	Dec 8–10-2016
• Research Methodology Course (20 CME), King Abdullah International Medical Research Center, Riyadh – KSA.	Dec 5–7- 2016
• Healthcare Skills Training Institute Centricity Anesthesia, Dubai, UAE.	Nov 16–17-2016
• Healthcare Skills Training Institute – Carescape B850 Patient, Dubai, UAE.	Nov 15- 2016
• Healthcare Skills Training Institute – AISYS CS2, Dubai, UAE.	Nov 13–14-2016
• Transforming Healthcare Through a Focus on Outcomes, Postgraduate Training Center, DPE, KSAU-HS, MNG-HA, KSA.	Apr 5- 2016
• The 6th Ultrasound Guided Regional Anesthesia (14 CME), King Saud Bin Abdulaziz University for Health Sciences, Riyadh – KSA.	Dec 5–6- 2015
• Dubai Anesthesia 2015, Dubai, UAE.	Mar 5–7- 2015
• 26th Scientific Conference of the Saudi Heart Association, Ritz-Carlton Hotel, Riyadh, KSA.	Feb 13–16- 2015
• Arab Health Exhibition, Dubai, UAE.	Jan 15- 2015
• BIS in Anesthesia and TIVA/TCI, Istanbul, Turkey.	Nov 27–28- 2014
• Anesthesia Training, Draeger Medical Company, Dubai, UAE.	Nov 6- 2014
• Monitoring / IT Training, Draeger Medical Company, Dubai, UAE.	Nov 5-2014
• Anesthesia Training, Draeger Medical Company, Dubai, UAE.	Nov 4-2014
• Crisis Resource Management in Anesthesia Simulation Course (7 CME).	Sep 14- 2014
• Clinical Research Coordinator Training Program - King Abdullah International Medical Research Center, Riyadh, KSA .	Sep 4- 2022 Apr 30-2023
• HealthTech Innovation Summit & Expo (Onsite) - Afaq Health Education platform.	Jun 6-2023
• International Conference on Harmonization's Good Clinical Practice (ICH-GCP) examination - King Abdullah International Medical Research Center, Riyadh, KSA.	Jan 24-2023
• DISPOSABLE ANESTHESIA DEVICE Patent - Saudi Authority for Intellectual Property.	
• RESEARCH METHODOLOGY COURSE - King Abdullah International Medical Research Center, Riyadh, KSA .	Feb 15-16- 2023

APPRECIATION CERTIFICATES AND LETTERS

- Certificate of Appreciation – 2nd Doha Conference for Training & Development, Mega Center & IUTD. Nov - 2024
- Certificate of appreciation for participation in First Saudi Simulation in Healthcare Hackathon. Nov 6-8- 2022
- Certificate of Appreciation as Speaker in Basic ECG Interpretation Course - Simulation Center, Prince Nourah Bint Abdulrahman University, Riyadh. Oct 15- 2022
- Certificate of Appreciation as Speaker in IV Cannulation Course - Simulation and Skills Development Center, Prince Nourah Bint Abdulrahman University, Riyadh, KSA. Aug 27- 2022
- Certificate of Attendance for the 3rd Structured Mechanical Ventilation Course - King Faisal Specialist Hospital & Research Center. Mar 25-26- 2022
- Certificate of Appreciation as Course Director in Principles of Airway Management and Mechanical Ventilation Course - Simulation and Skills Development Center, Princess Nourah Bint Abdulrahman University. May 21- 2022