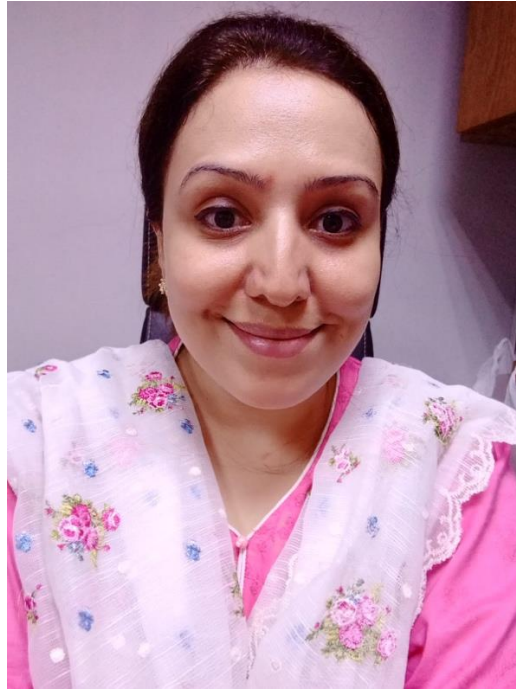


CURRICULUM VITAE

DR. HANA ARBAB

Pediatric Surgeon



NAME: Hana Arbab
DATE OF BIRTH: June 7th, 1983
NATIONALITY: Pakistani
OFFICE ADDRESS:
Current: Department of Pediatric Surgery
The Indus Hospital
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MARITAL STATUS: Divorced

EDUCATION/ QUALIFICATIONS

PRE-MEDICAL: **O-Levels: 1999**
Beaconhouse School System, Quetta, Pakistan.
A-levels: 2001
The City School, Quetta, Pakistan.
MEDICAL SCHOOL: **MBBS: 2007**
Baqai Medical University,
Karachi, Pakistan.
**POST-GRADUATE
QUALIFICATIONS:** **FCPS (Pediatric Surgery) 2016**
College of Physicians
& Surgeons of Pakistan.
**CLINICAL FELLOWSHIP
IN PEDIATRIC SURGERY** **2021**
KKH Women and Children's Hospital Singapore.

TRAINING & PROFESSIONAL APPOINTMENTS

Current Appointment:

***January 2023 to date** **Chair Clinical Ethics Committee (previously a member for 2 years)** Indus Hospital & Health Network, Karachi, Pakistan

***January 2023 to date** **In-charge Surgical Grand Round**
Indus Hospital & Health Network, Karachi, Pakistan

***January 2023 to date** **Program Director Pediatric Surgery**
Indus Hospital & Health Network, Karachi, Pakistan

January 2023 to date **Consultant Pediatric Surgery (Part time)**
Tabba Kidney Institute, Karachi, Pakistan

May 2022 to date **Consultant Pediatric Surgery (Part time)**
Midciti Hospital, Karachi, Pakistan

April 2022 to date **Consultant Pediatric Surgery (Part time)**
The Kidney Centre, Karachi, Pakistan

June 2021 to date **Consultant Pediatric Surgery (Part time)**
National Medical Centre, Karachi, Pakistan

February 2021 to date **Consultant Pediatric Surgery**
Indus Hospital & Health Network, Karachi, Pakistan

Last Appointment:

December 2019 to December 2020 **Clinical Fellow- Pediatric Surgery**
KKH, Singapore

Previous Appointments:

November 2017 to August 2019 **Senior Registrar- Pediatric Surgery**
The Indus Hospital, Karachi, Pakistan

August 2017 to October 2017 **Senior Medical Officer- Pediatric Surgery**
Civil Hospital Quetta
(Sandeman Provincial Hospital Quetta)
Quetta, Pakistan.

August 2016 to July 2017 **Registrar- Pediatric Surgery**
Liaquat National Hospital,
Karachi, Pakistan.

January 2015 to December 2015 **Chief Resident - Pediatric Surgery**
Aga Khan University & Hospital, Karachi, Pakistan

January 2012 to December 2014	Post Graduate Trainee- Pediatric Surgery Aga Khan University Hospital, Karachi, Pakistan
January 2011 to December 2011	Post Graduate Trainee- General Surgery, Aga Khan University Hospital, Karachi, Pakistan.
January 2010 to December 2010 May 2008 to November 2008	Post Graduate Trainee- General Surgery, Jinnah Postgraduate Medical Center, Karachi, Pakistan Medical Officer Civil Hospital Quetta (Sandeman Provincial Hospital Quetta) Quetta, Pakistan.
March 2008 to April 2008	House Officer Jinnah Postgraduate Medical Center, Karachi, Pakistan

CERTIFICATIONS/DIPLOMAS/CME/WORKSHOPS

- Advanced Trauma Life Support (ATLS) certified (Trained, recognized for Instructor Potential) by American College of Surgeons (ACS) Committee on Trauma (6th October 2023)
- Completed certification in all 4 workshops of CPSP required for Supervisorship in FCPS II Pediatric Surgery
- Certification in Clinical Research Certified Professionals Course (CRCPC), Clinical Trial Unit (CTU), Dow University of Health Sciences (DUHS)
- Diploma in Healthcare Ethics and Professionalism (DHEP), Shalimar Medical and Dental College, SMDC Lahore
- Grant Writing Course, Clinical Research Training Series, Indus University of Health Sciences (IUHS) August to September 2023
- Certificate of Training in Minimal Access Surgery, IRCAD/University of Strasbourg France April 29th, 2023
- Certification in Health Professionals Education (CHPE) JSMU, September 2022 to February 2023
- Certification as a Healthcare Quality Professional (CHQP) awarded by DUHS/Pakistan Institute of Quality September 2022
- Basic Laparoscopy Workshop (SingHealth Duke-NUS Institute of Medical Simulation -SIMS) 18th September 2020, Singapore

- Workshop on Human Factors Fundamentals Programme (SingHealth Duke-NUS AM EPIC Foundation Level Training) 1st July 2020, Singapore
- Workshop on Quality Improvement in Healthcare (SingHealth Duke-NUS AM EPIC Activist Level Training) 28th April 2020, Singapore
- 27th International Conference of Association of Pediatric Surgeons of Pakistan, 2019 in Lahore, Pakistan.
- 26th International Conference of Association of Pediatric Surgeons of Pakistan from 2nd to 4th of February 2018 in Bhawalpur, Pakistan.
- Symposium on Biliary Atresia, at Aga Khan University Hospital, Karachi December 7th, 2017
- Pediatric Colorectal Symposium, at Aga Khan University Hospital, Karachi March 28th, 2017
- Seminar on Vascular Anomalies in Children on 23rd January 2017 at Indus Hospital (Main Campus), Karachi.
- Workshop on Neonatal Resuscitation Program (Higher Learning Workshops in Neonatology) at Aga Khan University Hospital, Karachi on December 23rd, 2016
- Pediatric Surgical Oncology Masterclass held at Shaukat Khanum Hospital, Lahore in November 2016.
- Workshop on Urodynamics in Children (2nd annual surgical meeting) at Aga Khan University Hospital, Karachi on October 21st, 2016
- International BAPS-HUGH GREENWOOD Pediatric Laparoscopy Skills Course (Leeds UK Format) at Liaquat National Hospital, Karachi (April 9th to 12th 2015)
- 10th Pediatric surgery intensive course, Institute of Child Health & Children hospital Lahore.2015.
- Pediatric laparoscopic skills workshop at Liaquat National Hospital, Karachi. (5th to 6th April 2014)
- ATLS – Advanced Trauma Life Support – American College of Surgeons – at College of Surgeons &Physicians of Pakistan. 2012.
- Basic life support (BLS), at AKUH, Karachi, 2011, 2013.
- Pediatric advance life support (PALS), at AKUH, Karachi, 2013, 2015.
- Workshop on Primary Surgical Skills, at NICH, Karachi, December 2nd, 2010

- Conference - 22nd Conference, Association of Pediatric Surgeons of Pakistan, 9th – 11th April 2010, Karachi.
- Workshop on Communication Skills JPMC, Karachi. 2010
- 5th Annual Colorectal week, JPMC, Karachi, 2010
- Stapled Anastomosis Workshop (6th LNH Symposium) Liaquat National Hospital December 2009
- CME- Blood in Stool, From Piles to Cancer, Liaquat National Hospital November 2009
- Workshop on Suicide risk and prevention, at Aga Khan University Hospital, Karachi September 2009
- Workshop – Research Methodology, Biostatistics & Dissertation Writing, at CPSP, Karachi.
- Workshop – Communication Skills, at CPSP, Karachi.
- Workshop- Primary Surgical Skills, at CPSP, Karachi.

Areas of Interest (Research)

- Pediatric Surgery:
 - Hepatobiliary (Biliary atresia, Choledochal cysts, markers of bad prognosis in our population and LMIC settings)
 - Thoracic surgery (Hydatid disease burden, identifying CT findings, prognosis dependency on CT findings and clinical symptoms, empyema, markers on CT scan for bad prognosis and identifying severity scores)
 - Constipation (countering functional constipation with protocols that work for our population and are safe to implement)
 - Appendicitis in children
 - Delaying surgery for inguinal hernias safely
- Quality Initiatives
 - Introducing children-friendly spaces to decrease anxiety and its effect.
 - Using videos and audio instructions on teaching care of different post operative drains and tubes, and other practices including bowel management
 - Optimizing preoperative care/management to decrease incidence of porta cath infections.

- Using pictures to effectively explain diagnosis and procedures of anomalies/diagnosis requiring surgery in a LMIC with a below average literacy rate.
- Including psychosocial counselling as part of effective and informed consent taking for surgical procedures.
- Bioethics
 - Clinical cases requiring ethical input.
 - Change in perspectives due to ongoing ethical teaching in an institute.
 - Clinical case archiving.
 - Struggling with cultural humility.

PROGRAM

- Part of the organizing team for the International BAPS-HUGH GREENWOOD Pediatric Laparoscopic Skills Workshop in Liaquat National Hospital, Karachi(2017)
- Consultant Pediatric surgeon in “Safe Circumcision Program (Mehfooz Khatna Program)” at INDUS Hospital, Karachi.
 - This is service delivery program based at Indus Shaikh Saeed Hospital. The aim is to promote the concept of early (within 60 days), safe, sterile circumcision and to monitor the outcomes of the procedure.
 - This initial pilot project is aimed to develop a community based, large scale circumcision program.

PUBLISHED PAPERS:

- Lu LH, Arbab H, Cheng CS, Yin OL, Caroline OCP. Standardized management of pediatric abdominal pain admissions improves patient outcomes – A quality improvement project. *Proceedings of Singapore Healthcare*. 2023;32. doi:[10.1177/20101058231188875](https://doi.org/10.1177/20101058231188875)
- National Institute for Health and Care Research Global Health Research Unit on Global Surgery, Reducing the environmental impact of surgery on a global scale: systematic review and co-prioritization with healthcare workers in 132 countries, *British Journal of Surgery*, Volume 110, Issue 7, July 2023, Pages 804–817, <https://doi.org/10.1093/bjs/znad092>
- COVIDSurg Collaborative, GlobalSurg Collaborative. SARS-CoV-2 vaccination modelling for safe surgery to save lives: data from an international prospective cohort study. *Br J Surg*. 2021 Sep 27;108(9):1056-1063. doi: 10.1093/bjs/znab101. PMID: 33761533; PMCID: PMC7995808.

- Wright NJ, Leather AJ, Ade-Ajayi N, Sevdalis N, Davies J, Poenaru D, Ameh E, Ademuyiwa A, Lakhoo K, Smith ER, Douiri A. Mortality from gastrointestinal congenital anomalies at 264 hospitals in 74 low-income, middle-income, and high-income countries: a multicentre, international, prospective cohort study. *The Lancet*. 2021 Jul 24;398(10297):325-39.
- Arbab H, Khan N, Amanullah F, Samad L. Abdominal tuberculosis requiring surgical intervention: A 10-year single-center experience. *J Pediatr Adolesc Surg* [Internet]. 2021 Feb 15 [cited 2021 May 3];1(2). <http://jpedas.org/ojs/index.php/jpedas/article/view/jpas-20>
- Soomro MA, Aftab M, Hasan M, Arbab H. Heineke-Mikulicz pyloroplasty for isolated pyloric stricture caused by corrosive ingestion in children. *Pak J Med Sci*. 2020 Jan;36(1):S87-S90. doi: 10.12669/pjms.36.ICON-Suppl.1714. PMID: 31933613; PMCID: PMC6943102.
- Wright NJ Global PaedSurg Research Collaboration: Management and outcomes of gastrointestinal congenital anomalies in low, middle and high income countries: protocol for a multicentre, international, prospective cohort study
 - *BMJ Open* 2019;9:e030452. doi: 10.1136/bmjopen-2019-030452

DISSERTATION

- *Frequency of surgical etiologies presenting as an acute abdomen at the emergency room of a tertiary care center.*
Accepted by the College of Physicians & Surgeons of Pakistan for fellowship in Pediatric Surgery.

PAPERS/ POSTERS

INTERNATIONAL MEETINGS:

- December 2019-AAPS, oral presentation (Factors affecting outcomes in children with ARM)
- July 2015- BAPS Cardiff, United Kingdom
Poster Presentation
Achalasia Cardia in Children

LOCAL/NATIONAL MEETINGS:

- 2019- 27th International Conference of Association of Pediatric Surgeons of Pakistan
 - Factors affecting outcomes in children with ARM Anorectal Malformations: The spectrum and management (1st prize for oral presentation)

- Redo operation in colorectal surgery
- Abdominal TB requiring surgical intervention: a 10 year audit
- Predicting the outcome of Pediatric Acute Pancreatitis
- 2018- 26th International Conference of Association of Pediatric Surgeons of Pakistan
Anorectal Malformations: The spectrum and management
(2nd prize for oral presentation)
- 2014- Surgical Grand Round- AKU
Predicting Acute Pancreatitis in Children
(2nd prize for oral presentation)
- 2012- Surgical Grand Round- AKU
Malrotation-25 years` experience

MANUSCRIPTS SUBMISSION UNDER PROCESS

- 2020-Inguinal Hernia Repair in Neonates, timing for repair in full-term and preterm babies, KKH Singapore
- 2020- Unilateral lung agenesis associated with congenital diaphragmatic hernia, vertebral anomalies and tracheal stenosis, KKH Singapore
- 2020-Hepatic Duct Reconstruction in Choledochal Cyst Surgery, KKH Singapore
- 2019- The Factors affecting outcomes in children with ARM Anorectal Malformations: The spectrum and management, IHHN
- 2018- Anorectal Malformations: The spectrum and management, IHHN
- 2017-Our Experience with Malrotation of Midgut, LNH
- 2016-Esophageal Anastomotic Stricture Index (EASI): Can we better predict the development of post-operative Esophageal Strictures?- AKU(sent for publication)
- 2015- Achalasia Cardia in Children-AKU/LNH (sent for publication)
- 2015-Our experience with Congenital Hyperinsulinism-AKU
- 2014- Predicting Acute Pancreatitis in Children-AKU (sent for publication)
 - Accepted as a poster both at WOFAPS, 2016 and CAPS, 2015.
- 2012- Malrotation-25 years` experience- AKU

MEMBERSHIPS IN PROFESSIONAL ORGANIZATIONS

- **Full Registration** with College of Physicians& Surgeons of Pakistan.
(PSG-16-18126).
- **Full Registration** with PMC. (3786-B).
- **Member**, Association of Pediatric Surgeons of Pakistan.

MEDICAL TEACHING

- Teaching postgraduates Residents regarding Common Pediatric surgical Diseases.
(IHHN)
- Coordinator of Pediatric surgery weekly journal club.
(AKUH- Chief Resident)
- Regularly facilitating Pediatric Surgery Residents core curriculum.
(AKUH- Chief Resident)
- Facilitator OSCE Examinations of medical students/ undergraduates.
(AKUH)
- Regular Facilitator Nursing Academic workshops every year.
(AKUH)

REFERENCES

REFERENCES WILL BE PROVIDED ON REQUEST.