

# MOHAMMAD HUSSEIN, MD, FRCPC (Canada)

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Website: [www.pedsgimind.ca](http://www.pedsgimind.ca)

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## CURRENT PRACTICE LOCATION

**Al Farabi Gastroenterology & Endoscopy Center**  
Pediatric Gastroenterologist Consultant  
Diyala Health Ministry  
Diyala, Iraq  
Tel: 772-173-8755

Email: [Info@pedsgimind.ca](mailto:Info@pedsgimind.ca)  
Website: [www.pedsgimind.ca/alfarabi](http://www.pedsgimind.ca/alfarabi)

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## PREVIOUS PRACTICE LOCATION

**Maternity & Children Hospital (MCH)**  
Pediatric Gastroenterology Consultant  
Al Qassim Health Cluster, Ministry of Health  
Kingdom of Saudi Arabia  
Tel: 054-863-9217  
Email: [Mohuhussein@Moh.Gov.Sa](mailto:Mohuhussein@Moh.Gov.Sa)

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## LANGUAGES

- Arabic – Fluent.
  - English – Fluent.
  - Turkish – Intermediate.
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# PROFESSIONAL SUMMARY & CAREER NARRATIVE

I am a Royal College–certified pediatrician and fellowship-trained in pediatric Gastroenterology with a background in inflammatory bowel disease (IBD), eosinophilic gastrointestinal disorders, pediatric motility and functional testing, and complex nutrition, including enteral and parenteral support. Over the course of my career, I have managed a broad spectrum of gastrointestinal and hepatobiliary disorders in infants, children, and adolescents, while maintaining active involvement in general and emergency pediatrics in tertiary, regional, and military healthcare settings.

My subspecialty practice has been anchored in comprehensive, evidence-based pediatric gastroenterology. This includes advanced diagnostic and interventional endoscopy (upper and lower), PEG and PEC insertion, management of acute and chronic GI bleeding, complex constipation and fecal incontinence, celiac disease, very early onset IBD, intestinal lymphangiectasia, and post–liver transplant and pancreatitis care. I also have experience with capsule endoscopy, pH–impedance monitoring, hydrogen/methane breath testing, and anorectal manometry, allowing me to integrate motility and functional testing into day-to-day clinical decision-making.

A major focus of my work has been the interface between gastrointestinal disease, nutrition, and neurodevelopment. I have developed particular interest and experience in feeding problems, selective and restrictive eating, obesity and metabolic risk, and gastrointestinal manifestations of Autism Spectrum Disorder and other neurodevelopmental conditions. I aim to deliver care that is not only technically and diagnostically sound, but also family-centered and trauma-informed, recognizing the impact of chronic GI symptoms on growth, development, schooling, and quality of life.

Teaching and systems-level work are important to my professional identity. I have been actively involved in designing and delivering structured education for pediatric residents and fellows, supervising case forums and journal clubs, leading board-oriented teaching sessions, and developing innovative formats such as podcast-based case learning. I have also led and supervised quality-improvement and research projects.

I bring a strong and well-rounded background in pediatrics and pediatric gastroenterology, with board certification in Pediatrics by the Royal College of Physicians and Surgeons of Canada and LMCC (Licentiate of the Medical Council of Canada) certification. My training and practice experiences across Canada, the Gulf region, and Iraq, together with earlier work in military and academic environments in Texas, have shaped a practice style that is collaborative, evidence-based, and highly responsive to the needs of children with complex gastrointestinal and nutritional disorders and their families.

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## CLINICAL & PROCEDURAL SKILLS

### Liver Biopsy

- Certified in performing percutaneous liver biopsy.
- Ultrasound-guided technique optimizing needle placement in real time.
- Experience with the Menghini needle (suction technique) and Tru-Cut needle (spring-loaded automated core sampling).

## **Video Capsule Endoscopy**

- Certified by Yale New Haven Children's Hospital, Connecticut, USA (June 2018).
- Capable of performing the procedure, interpreting results, and treating conditions accordingly.

## **Hydrogen and Methane Breath Testing**

- Skilled in conducting hydrogen and methane breath tests independently.
- Proficient in interpreting results and managing conditions based on findings.

## **pH and Dual pH-Impedance Studies**

- Competent in performing these studies autonomously.
- Skilled in interpreting results, reporting findings, and implementing appropriate treatment plans.

## **Anorectal Manometry**

- Proficient in conducting the procedure independently.
- Experienced in interpreting results, providing detailed reports, and managing related conditions effectively.

## **Interventional Upper Endoscopy (EGD) Procedures**

- Esophageal dilation: treatment of esophageal strictures due to various etiologies, including esophageal atresia, achalasia, and gastroesophageal reflux disease (GERD)–related strictures.
- Foreign body removal: removal of ingested foreign bodies lodged in the esophagus, stomach, or duodenum.
- Percutaneous endoscopic gastrostomy (PEG) tube placement: placement of feeding tubes directly into the stomach for long-term enteral nutrition.
  - Implemented an endoscopic PEG program at Maternity and Children Hospital in Burayda , Saudi, transitioning away from open surgical gastrostomy to a less invasive approach that reduces complications and is completed in approximately 15 minutes.
- Management of esophageal varices: band ligation or sclerotherapy for the treatment of esophageal varices, often related to liver disease.
- Treatment of bleeding lesions: hemostasis of bleeding ulcers and other lesions using injection, clipping, or cautery.
- Biopsy: tissue sampling from the esophagus, stomach, or duodenum for diagnosing conditions such as celiac disease, eosinophilic esophagitis, or *Helicobacter pylori*.
- Polypectomy: removal of polyps in the upper gastrointestinal tract.

## Interventional Colonoscopy Procedures

- Polypectomy: removal of polyps in the colon, including in conditions such as familial adenomatous polyposis and juvenile polyposis syndrome.
  - Biopsy: tissue sampling from the colon or terminal ileum for diagnosing inflammatory bowel disease (IBD), celiac disease, infections, and other pathology.
  - Stricture dilation: dilation of colonic strictures, including those secondary to Crohn's disease.
  - Management of lower GI bleeding: hemostasis for bleeding lesions in the colon, using clipping, cautery, or injection therapy.
  - Foreign body removal: retrieval of foreign objects from the colon or rectum.
  - Percutaneous endoscopic cecostomy (PEC): placement of a cecostomy tube for the management of severe constipation and fecal incontinence, enabling antegrade colonic enemas to be administered directly into the colon.
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## EDUCATION

- **BSc (Hons)** – Diyala, Iraq  
Sep 1991 – Jun 1994
  - **MBChB – Bachelor of Medicine and Bachelor of Surgery**  
Baghdad College of Medicine, University of Baghdad, Baghdad, Iraq  
Sep 1995 – Jun 2002
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## CERTIFICATIONS

- Fellow American Academy of Pediatrics, FAAP, Oct 2016.
- Fellow of the Royal College of Physicians and Surgeons of Canada (FRCPC), Pediatrics – Jun 2023.
- Member Royal College of Paediatrics and Child Health, Final Certification Exam – MRCPCH-UK Candidate.
- Video Capsule Endoscopy Certification – Yale New Haven Children's Hospital, Connecticut, USA – Jun 2018.
- Licentiate of the Medical Council of Canada (LMCC), MINC: CAMD-0078-9005, EICS number: E283499.
- Medical Council of Canada Qualifying Examination Part II – Hamilton, ON – May 2009.
- Medical Council of Canada Qualifying Examination Part I – Hamilton, ON – Nov 2008.
- Medical Council of Canada Evaluating Examination – Toronto, ON – Jan 2008.
- IMG Program Assessment, CEHPEA-CE1 (currently NAC OSCE), Toronto, ON – Aug 2009.

- Diploma, School of Aerospace Medicine – U.S. Air Force School of Aerospace Medicine, Brooks Air Force Base, San Antonio, Texas, USA – Jun 2006 – Oct 2006.
- Diploma, English Language – Defense Language Institute Foreign Language Center, Lackland Air Force Base, San Antonio, Texas, USA – Jun 2006 – Oct 2006.

## Other Certifications

- Liver Biopsy (2024): Certified in performing percutaneous liver biopsy using ultrasound guidance, Menghini, and Tru-Cut needles.
- Neonatal Resuscitation Program (NRP), University of Western Ontario, London, ON – 2010–2013.
- Pediatric Advanced Life Support (PALS), University of Western Ontario, London, ON – 2010–2013.
- Advanced Pediatric Life Support (APLS), University of Western Ontario, London, ON – 2010–2013.
- Advanced Cardiac Life Support (ACLS) – CEHPEA, Toronto, ON – May 2010.
- Orientation to the Canadian Health Care System, Culture, and Context for International Pharmacists – Leslie Dan Faculty of Pharmacy, Toronto, ON – Jan 2009 – Mar 2009.
- Crucial Conversations Teamwork and Communication Training Program – Schulich School of Medicine & Dentistry, University of Western Ontario – Mar 2011.
- Research Certificate: Clinical Trial Methodology in Practice – Michael G. DeGroote School of Medicine, McMaster University, Hamilton, ON – Apr 2009 – Dec 2009.
- Research Certificate: Fundamentals of Health Research & Evaluation – Michael G. DeGroote School of Medicine, McMaster University, Hamilton, ON – Apr 2009 – Dec 2009.
- Research Certificate: Methodology of Clinical Trial Research Coordination – Michael G. DeGroote School of Medicine, McMaster University, Hamilton, ON – Apr 2009 – Dec 2009.

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## PROFESSIONAL EXPERIENCE

### **Al Farabi Gastroenterology & Endoscopy Center**

Pediatric Gastroenterologist Consultant  
Diyala Health Ministry, Diyala, Iraq  
Apr 2025 – Present

### **Maternity & Children Hospital, Buraydah – Al Qassim Health Cluster**

Pediatric Gastroenterology Consultant  
Ministry of Health, Kingdom of Saudi Arabia (KSA)  
Feb 2024 – Feb 2025

### **Ibn Sina Pediatric Gastroenterology Clinic, Baghdad, Iraq**

Pediatric Gastroenterology Consultant  
Al Maghrib Street, Al Adhamyia, Baghdad, Iraq  
Apr 2022 – Jan 2024

**Seashell Medical Centre, Milton, Ontario, Canada**

Pediatrician & Pediatric Gastroenterology, Hepatology, and Clinical Nutrition  
330 Bronte Street South, Milton, ON L9T 8T2  
Aug 2016 – Mar 2022

**Oakville Pediatric Gastroenterology Clinic, Oakville, Ontario, Canada**

Pediatrician and Pediatric Gastroenterologist  
455 Trafalgar Rd., Oakville, ON  
Mar 2016 – Aug 2016

**Children's Hospital, McMaster University**

Gastroenterology, Hepatology, and Nutrition Fellow  
1280 Main Street West, Hamilton, ON L8S 4K1  
Jul 2013 – Dec 2015

**Children's Hospital, Western University, London, Ontario**

Pediatric Resident  
London Health Sciences Centre  
Jul 2010 – Jun 2013

**Canadian Chiropractic Examining Board (CCEB)**

Simulated Patient / Simulated Health Care Professional  
1209 59 Ave SE, Calgary, AB T2H 2M3  
Nov 2008 – May 2010

**Pharmacy Examining Board of Canada (PEBC)**

Simulated Patient / Simulated Health Care Professional  
717 Church Street, Toronto, ON M4W 2M4  
Nov 2009 – May 2010

**Aerospace & Naval Medicine Department, Iraqi Surgeon General**

Deputy Chief  
Green International Zone, Baghdad, Iraq  
Mar 2006 – Oct 2006

**School of Aerospace Medicine, Brooks Air Force Base**

Iraqi Air Force Liaison  
San Antonio, Texas, USA  
Jun 2006 – Oct 2006

**New Al-Muthana Aerospace Clinic, Aerospace and Naval Medicine Department, Iraqi Surgeon General**

Commander  
Baghdad International Airport, Iraqi Air Force Camp  
Mar 2006 – Jun 2006

**Ministry of Health, Office of Special Operation, Baghdad, Iraq**

Senior Registrar Medical Doctor  
Jan 2005 – Feb 2005

**Rusafa Medical Directorate, Ministry of Health, Baghdad, Iraq**  
Rotating Medical Intern / Chief Resident  
Oct 2002 – Feb 2005

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## **PROFESSIONAL DEVELOPMENT AND ACADEMIC ACTIVITIES**

### **2002–2005 – Early Clinical & Academic Activities (Iraq)**

**Rusafa Health Centre, Ministry of Health, Baghdad, Iraq:**

- Type 1 Diabetes Mellitus – clinical review, Ibn Baladi Hospital.
- Neonatal Sepsis – local incidence rate study, Ibn Baladi Hospital.
- Epstein–Barr Virus (EBV) – case presentation and literature review, Al-Jwader Hospital.

### **2005–2006 – Aerospace Medicine & Military-Related Academic Work (USA)**

**Defense Language Institute / School of Aerospace Medicine, San Antonio, Texas:**

- Alcohol and the Military Aviator.
- New Iraqi Aerospace Medicine – From Old to New Formulation and Transition: Successes and Limitations.
- Medications and the Military Aviator.

### **2009 – Research & Academic Skills (McMaster University)**

**Michael G. DeGroote School of Medicine, McMaster University, Hamilton, ON:**

- Ultrasound Use in Simple Sacral Dimple – literature search and study design (HRM-721 proposed research project).
- Conflict of Interest in Clinical Trials – Tri-Council Policy Statement (TCPS, Chapter 7).

### **2010–2013 – Pediatric Academic Rounds (Western University)**

**2010 – London Health Sciences Centre, University of Western Ontario:**

- Syncope in Children – May 2010.
- Hematuria in Children – case presentation and literature review, Aug 2010.
- Increased Energy Intake for Preterm Infants with or Developing Bronchopulmonary Dysplasia / Chronic Lung Disease (Lai NM, 2011) – Sep 2010.
- Neonatal Intraventricular Hemorrhage – Sep 2010.

- Resuscitation of Newborn Infants with 21% or 100% Oxygen – review and meta-analysis (Ola Didrik Saugstad, 2008) – Oct 2010.

**2011 – London Health Sciences Centre, University of Western Ontario:**

- Transfusion of Leukocyte-Depleted Red Blood Cells Is Not a Risk Factor for New Onset or Progressive Multiple Organ Dysfunction in Critically Ill Children (Judith vanderWal, 2011) – Oct 2011.

**2012 – London Health Sciences Centre, University of Western Ontario:**

- Guideline for the Evaluation of Cholestatic Jaundice in Infants – Recommendations of NASPGHAN – Feb 2012.

**2013 – Hamilton Health Sciences, McMaster University:**

- Segmental Intestinal Lymphangiectasia – rare case presentation with literature review – Aug 2013.

## **AWARDS & ACHIEVEMENTS**

- 2003–2004: Distinguished Physician Award, Ibn Baladi Hospital, Baghdad, Iraq.
- 2003–2004: Recipient of Best Doctor of the Year, Ibn Baladi Hospital.
- Played a managerial role in keeping the hospital operational during the 2003 war with only 3 physicians, few healthcare professionals, and scarce resources.
- 2013: Best Teacher Award, University of Western Ontario, London, ON, Canada.
  - Established the curriculum for “Residents as Teachers of Publics (RAT).”
- 2011–2013: Educator / Teacher, Medical Students Teaching Series, Clinical Teaching Units, University of Western Ontario, London, ON.
- 2012: Pre-Clerkship (Year II) Clinical Skills Mentor – Clinical Skills Building, University of Western Ontario, Jul 2012.
- 2008–2010: Established the curriculum for an International Medical Graduates bridging program, Partner Performance and Associate Organization, Hamilton, ON.

## **CONFERENCES (MAJOR MEETINGS)**

- **Jan 2015:**
  - Advanced Endoscopy Course, Hamilton General Hospital.
  - Seventh Canadian GI Fellows Program in IBD, Grand Hotel and Suites, Toronto, ON.
- **Feb 27 – Mar 2, 2015:**



- Canadian Digestive Diseases Week (CDDW) and the Annual CASL Winter Meeting – Fairmont Banff Springs, Banff, Alberta.
- **Feb 2014:**
  - Canadian Digestive Diseases Week and the Annual CASL Winter Meeting – Toronto, ON.
- **Jan – Dec 2014 (McMaster Children’s Hospital, McMaster University, Hamilton, ON):**
  - Pediatric Gastroenterology Pathology Rounds.
  - Pediatric Gastroenterology Rounds.
  - Pediatric Gastroenterology Radiology Rounds.
- **Oct 2014:**
  - High-Resolution Manometry – Esophageal Function, St. Joseph’s Healthcare (SJH), Hamilton, ON.
  - Very Early Onset Inflammatory Bowel Disease – Hospital for Sick Children, Toronto, ON.
- Steinberg’s 2014 Board Review in Gastroenterology, Arlington, VA, USA.
- Translational Approaches to Inflammatory Liver Injury – University of Calgary, Liver Unit, Calgary, Alberta.
- **Aug 2014:**
  - Mount Sinai Intensive Review in Gastroenterology & Hepatology, Icahn School of Medicine at Mount Sinai, New York, NY, USA.
- **Aug 2014:**
  - 20th Annual Pediatric Board Review, Cleveland Clinic Educational Foundation, Cleveland, Ohio, USA.
- **Jul 31 – Aug 2013:**
  - Boston MedStudy Intensive Pediatric Board Review, Boston, Texas, USA.
- **Feb 2013, 2014, 2015, 2016, 2018, 2022:**
  - McMaster Intensive Pediatric Board Review, Hamilton, ON.
- **NASPGHAN Annual Meeting & Postgraduate Course:**
  - 2013, 2014, 2015, 2017, 2022, 2023.
- **Canadian Pediatric Society Conference:**
  - 2012, 2013, 2015, 2017, 2023.

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## AFFILIATIONS & PROFESSIONAL MEMBERSHIPS

- 2024–Present: [membership line as in your source text].
- Canadian Medical Association, Member, 2013–present.
- Canadian Association of Gastroenterology, Member, 2013–present.
- North American Society for Pediatric Gastroenterology, Hepatology and Nutrition (NASPGHAN), Member, 2013–present.
- Iraqi Medical Association of North America (online group), Founder, 2012–present.
- Residents Wellbeing Committee, Member – Pediatric Residency Program, University of Western Ontario, London – 2011–2013.
- Residents as Teachers of Public Committee, Core Leader – Pediatric Residency Program, UWO, 2011–2013.
- Ontario Medical Association, Member, 2010–present.
- Canadian Pediatric Society, Member, 2010–present.
- American Academy of Pediatrics, Member, 2010–present.
- Canadian Medical Protective Association, Member, 2010–present.
- Canadian Iraqi Medical Society, Member, 2010–present.
- Settlement and Integration Services Organization, Member, Hamilton, ON – 2008–2012.

## **Aerospace & Hospital-Based Leadership and Committee Roles**

- Aerospace and Naval Medicine Division, Iraqi Surgeon General, Ministry of Defense, Baghdad, Green International Zone, Iraq – Division Deputy Chief, 2005–2006.
- Committee Chief: Pilots and Aircrews Selection – 2005–2006.
- Clinic Chief, Al-Muthana Air Base – 2005–2006.
- Committee Chief: Food Safety Inspection – 2005–2006.
- Committee Chief: Public Health Committee – 2005–2006.

### **Ibn Al-Balady Hospital, Baghdad, Iraq:**

- Salary Distribution Committee, Member – 2003–2005.
- Food Safety Inspection Committee, Member – 2003–2005.
- Iraqi Medical Union of Excellent Employees, Member – 2003–2005.
- Chief Resident – 2003–2005.
- Pediatrics Hospital Medical Director – 2003–2004.

### **Other Academic / Professional Roles:**

- Iraqi Medical Association, Member – 2003–present.
- Pediatrics CaRMS Interview Committee, Member – University of Western Ontario, London, ON – 2011–2012.
- Delegate, American Academy of Pediatrics, Pediatrics Program, UWO, London, ON – 2011–2012.

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## **LIFETIME PUBLICATIONS & ABSTRACT PRESENTATIONS**

Regional Analysis of Magnetic Ingestion in Children: Insights from Al-Qassim, Saudi Arabia  
Retrospective study, 2024 – ongoing.

Ulcerative Colitis and Budd–Chiari Syndrome Association in a Child  
Submitted to Saudi Journal of Gastroenterology, 2024.

Is It Really Leukemia?

Case report and literature review, University of Western Ontario, London, ON – accepted in  
Canadian Journal of Clinical Nutrition, 2013.

Tuberculous Abdominal Cocoon in a Twelve-Year-Old Girl

Case report and literature review, University of Western Ontario, London, ON – published in  
The Lancet Infectious Diseases, 2015.

Pediatric Inflammatory Bowel Disease Activity and Fecal Calprotectin (FCal)

McMaster University, Hamilton, ON – presented at Canadian Digestive Diseases Week  
(CDDW), 2015.

Congenital Myotonic Dystrophy and Chylothorax – Common Disease, Rarely Reported  
Association

University of Western Ontario, London, ON – accepted in Pediatrics, 2013.

Dieulafoy's Lesion – Rare and Recalcitrant Cause of Upper Gastrointestinal Bleeding

McMaster University, Hamilton, ON – presented at CDDW, 2014.

Pediatric Duodenal Dieulafoy's Lesion – A Serious but Rare Cause of Upper GI Bleeding

Published in Journal of Clinical Gastroenterology and Hepatology, November 9, 2017.

Pediatric Segmental Intestinal Lymphangiectasia

Case report and literature review – published in Journal of Pediatric Gastroenterology and  
Nutrition, 2018.

Worsening Headaches After a Concussion: Expected or Unusual?

Case report of newly diagnosed hydrocephalus post-concussion and literature review –  
submitted to Canadian Medical Association Journal, 2014.

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## **DETAILED PRACTICE DESCRIPTION – MCH, QASSIM CLUSTER, KSA**

### **March 2022 – Present**

In Early 2024, I joined Maternity and Children Hospital (MCH), part of the Al Qassim Health  
Cluster, as a Pediatric Gastroenterology Consultant while also covering general pediatrics,

emergency pediatrics, and NICU several days a week. Since then, I have managed a comprehensive clinical and academic schedule.

## **Clinical Activities**

### **Outpatient Clinics:**

- Every Monday:
  - Morning clinic: 7:00 am – 12:00 pm (in-person).
  - Night clinic: 5:00 pm – 9:00 pm (in-person).
- Every Sunday and Thursday:
  - Virtual clinics: 8:00 am – 12:00 pm.

### **Endoscopy:**

- Every Tuesday:
  - Endoscopy list: 7:00 am – 12:00 pm.

### **Daycare Clinic for Infusion Therapy:**

- Every Monday and Wednesday: 7:00 am – 2:00 pm (in-person).
- Administering biologic IBD medications (infliximab, adalimumab, vedolizumab, etc.) and elemental iron infusions as part of ongoing patient care.

## **Teaching Activities**

### **(1) Noon Case-Based Teaching Sessions**

Regularly conducted sessions on:

- Approach to chronic diarrhea and malabsorption.
- Case-based discussions (e.g., “Puking Child” – cyclic vomiting syndrome).
- Approach to the “yellow baby” (neonatal cholestasis).

### **(2) Half-Day Activities**

- GI bleeding lecture – Apr 17, 2024.
- GI MCQ session – May 8, 2024.

### **(3) Qassim Peds Podcast Group**

- Established, scripted, supervised, and created the “Qassim Peds Podcast Group” for residents, registrars, consultants, interns, and medical students.
- Provides structured case-based learning and discussion.

## **Sessions Conducted (Examples)**

- Oct 19, 2024 – Approach to the Yellow Baby.

- Oct 22, 2024 – Approach to Chronic Diarrhea and Malabsorption Syndromes.
- Oct 27, 2024 (Sunday) – Approach to the Puking Child – case-based discussion on cyclic vomiting syndrome (CVS).

## **Case Forums Supervision – Saudi Pediatric Board Residents**

Supervision of formal case forums:

- Apr 17, 2024 – supervised Dr. Khalifah. Case discussed: magnet ingestion and button battery in the esophagus requiring urgent endoscopic removal.
- Apr 22, 2024 – supervised Dr. Khalid Alanazi. Case discussed: tracheoesophageal fistula (TEF) secondary to button battery ingestion.
- May 6, 2024 – supervised Dr. Abdulrahman Alharbi. Case discussed: lower gastrointestinal bleeding and juvenile polyposis syndromes.
- May 13, 2024 – supervised Dr. Mishaal Alqahtani. Case discussed: primary intestinal lymphangiectasia and cardiac hepatopathy in a child.
- Jul 29, 2024 – supervised Dr. Abeer Aldakhil. Case discussed: post–liver transplant follow-up and acute pancreatitis care.
- Aug 27, 2024 – supervised Dr. Abdulrahman Alsaykhan. Case discussed: cholestasis and indirect hyperbilirubinemia in infancy.
- Sep 4, 2024 – supervised Dr. Muhammad Albisher. Case discussed: percutaneous endoscopic gastrostomy (PEG) tube – pre-procedure assessment, intra-procedural issues, and post-procedure care.
- Sep 16, 2024 – supervised Dr. Ali Alharbi. Case discussed: sexual abuse presenting as chronic functional abdominal pain and constipation.
- Sep 17, 2024 – supervised Dr. Ghadeer Almutruk. Case discussed: approach to refractory constipation in children.
- Sep 25, 2024 – supervised Dr. Saif Alshammri. Case discussed: celiac disease – diagnostic approach and current NASPGHAN / ESPGHAN guidelines (endoscopy vs non-biopsy strategy).
- Oct 1, 2024 – supervised Dr. Muhammad Albisher. Case discussed: post-Kasai care and ERCP for choledocholithiasis in pediatrics.
- Nov 19, 2024 – supervised Dr. Salem Alkhalaf. Case discussed: peptic ulcer disease in a child – full diagnostic and management approach.

## **Research Activities (MCH, Qassim)**

Supervising three ongoing retrospective studies:

1. Use of unnecessary laboratory and imaging studies at MCH (2019–2024) with the goal of establishing a Saudi “Choosing Wisely” program.
2. Incidence and prevalence of iatrogenic hyponatremia in admitted children at MCH, aiming to establish local guidelines aligned with Canadian Pediatric Society recommendations.
3. A Regional Analysis of Magnetic Ingestion in Children – insights from Al-Qassim, Saudi Arabia (ongoing, 2024).

## **Community Involvement**

- Participation in **Rukin Hayakum**, a public educational initiative at MCH, aimed at educating patients and families.
  - Occasional involvement in local and national teaching forums, contributing to the education of peers and the public.
  - Member of Qassim local chapter for Saudi Society of Pediatric Gastroenterology Hepatology and Nutrition (SASPGHAN) Feb 2024- Present.
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## REFERENCES

Detailed list of references and/or reference letters will be provided upon request.

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