

Date of Preparation: 01/15/2022

m. El-Baba

Signature

Mohammad F. El-Baba, MD
Professor (Clinician-Educator)

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EDUCATION

DATES

Faculty of Medicine, University of Jordan, Amman, Jordan, M.D.
Degree: Graduate: M.B,B.S

1975-1982

POSTGRADUATE TRAINING

Pediatric Gastroenterology Fellowship
Children's Hospital of Michigan

1992-1995

Pediatric Residency
Children's Hospital of Michigan

1989-1992

Pediatric Residency
Hamad General Hospital, Qatar

1989-1992

Rotating Internship
Jordan University Hospital, Jordan

1982-1983

FACULTY APPOINTMENTS

Professor of Pediatrics (Clinician Educator)
Division of Pediatric Gastroenterology
Central Michigan University School of Medicine

April 2020-Present

Professor of Pediatrics (Clinician Educator) Division of Pediatric Gastroenterology Wayne State University School of Medicine	Aug 2019-Present
Associate Professor of Pediatrics (Clinician Educator) Division of Pediatric Gastroenterology Wayne State University School of Medicine Detroit, Michigan	Aug 2011-Aug 2019
Assistant Professor of Pediatrics (Clinical Educator) Division of Pediatric Gastroenterology Wayne State University School of Medicine Detroit, Michigan	June 1998-Mar 2004 Jan 2006-Aug 2011
Clinical Instructor Department of Pediatrics Wayne State University School of Medicine Detroit, MI	Jan 1994-Jan1995

HOSPITAL OR OTHER PROFESSIONAL APPOINTMENTS

Division Chief, Pediatric Gastroenterology Children's Hospital of Michigan Detroit, MI	June 2006-Present
Director, Pediatric GI Fellowship Program Children's Hospital of Michigan Detroit, MI	Oct 2008-Feb 2021
Director, Pediatric Gastroenterology Training Program Hamad Medical Corporation Doha, Qatar	Apr 2004-Jan 2006
Consultant and Division Chief, Pediatric Gastroenterology Hamad Medical Corporation, Doha, Qatar	Apr 2004-Jan 2006
Director of G.I. Motility Center Children's Hospital of Michigan Detroit, MI	Feb 2001-Mar 2004, and Jan 2006-Present
Associate Director, Pediatric GI Fellowship Program Children's Hospital of Michigan Detroit, MI	Oct 2000-Mar 2004
Associate in Pediatric Gastroenterology Attending in Pediatrics Children's Hospital of Michigan Detroit, MI	June 1998-Mar 2004

Consultant in Pediatrics and Pediatric Gastroenterology East Tennessee Children's Hospital, Knoxville	Apr 1995-June1998
Attending in Pediatrics and Pediatric Gastroenterology Scott County Pediatrics Oneida, Tennessee	Apr 1995-June1998
General Practice Rafidia Hospital, Jordan	1983-1986

MAJOR PROFESSIONAL SOCIETIES

American Gastroenterological Association (AGA)	2004-Present
North American Society for Pediatric Gastroenterology and Nutrition (NASPGHAN)	1992-Present

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HONORS/AWARDS

Top Doc in Hour Detroit's annual survey of Michigan doctors Received highest number of votes <i>Each year, local physicians are given an opportunity to select which doctors they would choose, or consider to be the "top doctors" in their field. Physicians with the most nominations are then featured in the magazine, as well as honored during a special dinner.</i>	2007-2020 2014-2020
Recipient of College Teaching Award in the School of Medicine at Wayne State University*	2016

**SOM College Teaching Awards are presented to faculty based on the evaluation of instructional expertise as evaluated by students in the SOM undergraduate medical education program, residents in the graduate medical education programs and graduate students, as well as the annual department chairs' evaluation and other factors.*

Physician Difference Maker Award, Children's Hospital of Michigan July 2015
Each month, physicians on staff at Children's Hospital of Michigan are recognized as Physician Difference Makers for the positive feedback they receive from patients, families and peers

Recipient of College Teaching Award in the School of Medicine at Wayne State University* 2011

Resident of the Year, Hamad Medical Hospital 1989

SERVICE

Central Michigan University:

Department of Pediatrics/Pediatric Gastroenterology: April 2020-Present

Clinical Service:

- Subspecialty inpatient service, attending for 2-3 months per year.
- Subspecialty clinics at Children's Hospital of Michigan: 1/week.
- Subspecialty clinics at Southfield office, Etkin's center: 2/month.
- Subspecialty clinic at Troy office 2/month.
- Subspecialty clinic at Clinton Twp, Stilson center: 2/month.
- Subspecialty consultation as necessary at Hutzel neonatal unit

Wayne State University

Department of Pediatrics/Pediatric Gastroenterology: June 1998-Apr 2004
and Jan 2006-April 2020

Member of the Promotion and Tenure Committee, Department of Pediatrics, Wayne State University 2020-Present

Member of the Promotion and Tenure Committee, Department of Pediatrics, Wayne State University 2016-2017

Search Committee Chair for Division Chief of Pediatric Endocrinology at Children's Hospital of Michigan 2015-2016

Member of the Neonatal Fellowship Scholarship Oversight Committee (SOC) Committee 2014-2017

The roles of this committee are to assist fellows in designing, conducting and completing research projects and to assess the performance of fellows in the research portion of their training. This committee is responsible for determining whether the fellow has satisfactorily met the goals and objectives of the training program in order to be able to take the pediatric neonatology board examination. The committee requires that a fellow publish a manuscript describing original research performed during fellowship as a first author.

Pediatric Gastroenterology Fellowship Clinical Competency Committee (CCC) – Committee Member 2014-Present

The roles of this committee are to observe and evaluate the fellows' clinical competency. CCC meets at least semi-annually to review and discuss each fellow's performance data and make a consensus decision on the progress of each fellow by applying assessment data to the milestones. The CCC serves as an early warning system / early identification if a fellow fails to progress in the educational program. The CCC generates a report / recommendation letter to the program director on each fellow.

UPG or Other Physician Practice Plan

Member of University Pediatricians Practice Plan January 2006-Present

UP (University Pediatrician) Advisory Board Member 2015-2019

UP (University Pediatrician) Advisory Board Member 2019-Present

Affiliate Medical Organizations:

Children's Hospital of Michigan:

Member of "Coding Team". July 2014-July 2016
Team was meeting monthly to discuss improving medical coding and help transitioning ICD-9 to ICD-10 coding

Member of "Patient Access Team" Aug 2014-Aug 2015
Meetings were held monthly to discuss optimizing patient access to

clinics

Member of Quality Improvement Committee (QUIK) Children's Hospital of Michigan <i>The QI team meetings were held quarterly to review different QI projects, identify areas in need of improvement, and monitor improvement efforts</i>	Jan 2007-Jan 2008
Member of Patient-Physician Interaction Committee (PPIC) Children's Hospital of Michigan <i>Committee members were meeting monthly to discuss developing and improving effective patient-physician communication</i>	June 2006-June 2008
Member, Pharmacy and Therapeutics Committee Children's Hospital of Michigan <i>Role: Acting in advisory capacity in subjects discussed including: establishing and maintaining a drug formulary listing, and evaluating safety and side effects of medications. Meetings were held quarterly</i>	1999-20004
Member of the Nutrition Support Team Steering Committee Children's Hospital of Michigan <i>Role: Provided advisory role on different nutritional aspects discussed including enteral and parenteral nutrition for inpatients and outpatients. Meetings were held quarterly</i>	1998-2004 2006-2010

Community:

Provided the following Interviews to Local Magazines:

Prebiotics, Probiotics and Symbioticsin "Hour Detroit" Magazine	Feb 2017
Celiac Disease and Gluten Sensitivity, Medscape	2012
Inflammatory Bowel Disease in the Jewish and Chaldean Communities	2007
TV: Channel 4 Local, Peter Nielsen's Show: "Peter's Principles", "Inflammatory Bowel Disease in Children"	2006

Consulting

Scholarly Service:

Service for Peer-Reviewed Journals: Review of Manuscripts

Reviewer for "Pediatrics"	2016-present
Reviewer for "Pediatrics in Review"	2013-present
Reviewer for "Journal of Pediatric Gastroenterology & Nutrition"	2010-Present
Reviewer for "Pediatric Radiology"	2006-2010
Reviewer for "Journal of Health, Population and Nutrition"	2007-2008

Other Scholarly Service

Member of "Board of Appeals" for Pediatric Gastroenterology/ACGME	Nov 2015-Present
Chair of the Pediatric TPN and Feeding Team Hamad Medical Corporation Doha, Qatar	June 2004-Jan 2006
Member of Pediatric Educational Committee Hamad Medical Corporation Doha, Qatar	June 2004-Jan 2006
Member of Interdisciplinary Committee Hamad Medical Corporation, Doha, Qatar	Jan 2005-Jan 2006
Member of Quality Improvement Committee Hamad Medical Corporation, Doha, Qatar	Aug 2004-Jan 2006

Other Service

TEACHING

Teaching at Central Michigan University	April 2020-Present
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Years at Central Michigan University: 1 year

Teaching at Wayne State University, School of Medicine

Years at Wayne State University: 17 years	June 1998–Mar 2004 And Jan 2006–April 2020
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Medical Students

Third and Fourth-year medical students' subspecialty teaching (Pediatric Gastroenterology) to third and fourth-year medical	June 1998–Mar 2004 And Jan 2006-Present
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students: supervises students in outpatient clinics and inpatient rounds (bedside clinical instruction).

Every week, 1-2 medical students participate in a one-week rotation that provides a complete and unified approach for the evaluation and management of patients with common gastrointestinal problems. Teaching is provided through direct patient care, bedside teaching, small-group discussions, and didactic conferences.

Pediatric Residents:

- Subspecialty (Pediatric Gastroenterology) teaching to Pediatric Residents: *4-6 residents per month* 2006-Present
 - Core lectures and Board review sessions in Pediatric Gastroenterology and Nutrition to Pediatric Residents at Children's Hospital of Michigan, *2-3 lectures per year* 2012, 2014, 2015, 2016
 - Academic and research mentor for 2-3 residents per year:
1. Julia Kleinhenz J: Third-year Pediatric Resident Served as research mentor. Research: "Maternal Elimination Diets versus Hypoallergenic Formula on Infant Outcomes with Cow's Milk Protein Allergy at a Tertiary Center", presented by the resident at the NASPGHAN meeting October, 18 2019, in Chicago, IL 2018-2019
 2. Krishnapriya Prathapan MD: Third-year Pediatric Resident: Served as academic and research Mentor. *Research: IV Iron Therapy in Iron Deficiency Anemia in Patients with Inflammatory bowel disease.* 2016-2017
 - Presented at the at the North American Society for Pediatric Gastroenterology, Hepatology and Nutrition (NASPGHAN) meeting November 1-4, 2017, Las Vegas, Nevada. JPGN Vol. 65, Supplement 2, November 2017.
 - Dr. Krishnapriya completed GI Fellowship training at Children's Hospital of Pittsburgh
 3. Monica Shukla, MD: Second-year Pediatric Resident: Served as academic and research mentor. *Research: Analysis of Acute Pancreatitis Management in Children* 2015-2016
 - Presented at the WCPGHAN (World Congress of Pediatric Gastroenterology, Hepatology and Nutrition) held in Montreal, Canada from October 5-8 2016.
 - Dr. Shukla is currently a third year Pediatric GI fellow at Nationwide Children's Hospital, Columbus, OH
 4. Jennifer Mitsuya, DO: Second-year Pediatric Resident: 2012-2013

Served as academic and research mentor. Research:
Tolerance of Pureed Diet by Gastrostomy Tube in Pediatric Patients.

- Presented at the at the North American Society for Pediatric Gastroenterology, Hepatology and Nutrition (NASPGHAN) meeting October 23-26, 2014, Atlanta, Georgia.
- Dr. Mitsuya completed GI fellowship training at Children's Hospital of Michigan

Fellows:

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|--|-------------------|
| ➤ Pediatric Gastroenterology/Fellowship Program Director | Oct 2008-Feb 2021 |
| ➤ Subspecialty training (Pediatric Gastroenterology) to Pediatric Gastroenterology Fellows | Jan 2006-Present |
| ➤ Subspecialty training (Pediatric Gastroenterology) to Adult Gastroenterology Fellows | Jan 2006-Present |
| ➤ Supervision and training of pediatric gastroenterology endoscopic procedures to Pediatric Gastroenterology Fellows | Jan 2006-Present |
| ➤ Academic and research mentor to 1-2 fellows per year | Jan 2006-Present |

Teaching at Wayne State University, other:

Provides annual core lectures in Pediatric Gastroenterology and Nutrition to Physician Assistant (PA) Students, Wayne State University. Provides 2-3 hour lecture to PA students on pediatric GI diseases	Jan 2007-April 2020
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Teaching at Other Institutions

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|---|-------------------|
| ➤ Supervision of training in Pediatric Gastroenterology to Specialists at Hamad Medical Corporation , Doha, Qatar | Apr 2004-Jan 2006 |
| ➤ General Pediatric teaching to Arab Board Pediatric Residents at Hamad Medical Corporation, Doha, Qatar | Apr 2004-Jan 2006 |
| ➤ General Pediatrics and Pediatric Gastroenterology Teaching to third-Year Medical Students at Weill Cornell Medical College in Qatar (January 2005-January 2006) | Jan 2005-Jan 2006 |

Mentorship

Mentoring Pediatric Gastroenterology Fellows in clinical research projects:

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| 1. Amie Hinshaw, MD | 2019-Now |
| <ul style="list-style-type: none"> • Research project: "Efficacy of Infliximab Biosimilar Agent in the Management of Pediatric | |

Inflammatory Bowel Disease”

2. Jamie Lee, DO 2019-Now
 - Research Project: “The Changes in Helicobacter pylori Antimicrobial Susceptibility and its Resistance Pattern”

3. Jennifer Mitsuya, DO 2015-2018
 - *Surgical Outcomes in Pediatric Patients with Medically Refractory Inflammatory Bowel Disease at a Tertiary Center*
 - Presented at the Crohn’s and Colitis Congress Meeting, Las Vegas Jan 18-20, 2018 Inflammatory Bowel Diseases 24(suppl 1):S76-S76 · January 2018, and Gastroenterology 154(1):S108 · January 2018.
Mitsuya JB, Gonzalez R, El-Baba M. The Effect of Biologic Therapy on Post-Operative Complications in Pediatric Patients With Medically Refractory Inflammatory Bowel Disease Undergoing Bowel Resection In A Tertiary Center.
 - *Published: *Mitsuya J, Gonzalez R, Thomas R, El-Baba M. The Effect of Biologics on Post-Operative Complications in Children with Inflammatory Bowel Disease and Bowel Resection. J Pediatr Gastroenterol Nutr. March 2019. 68:03, 334–338. PMID: 30247424*

4. Dhiren Patel, MD 2013-2016
 - *Clostridium difficile Infection in Pediatric Inflammatory Bowel Disease Patients in the Era of Molecular Diagnostics and Advanced Therapeutics*
 - Presented at the Digestive Disease Week (DDW) 2015, being held May 16 – May 19, 2015, Washington, DC. Gastroenterology 148(4):S-381 · April 2015
 - Published: Patel D , McGrath E , Al-Ansari N , Thomas R , El-Baba M. Clostridium difficile Infection in Pediatric Inflammatory Bowel Disease Patients in the Era of Molecular Diagnostics and Advanced Therapeutics. Int J Ped & Neo Heal 2017. 1:4, 105-115

5. Kristen Cares, MD 2012-2015
 - *Risk of Small Intestinal Bacterial Overgrowth with Chronic Use of Proton Pump Inhibitors in Children (2013)*
 - Published: Cares K, Al-Ansari N, Macha S, Zoubi

N, Zaghloul H, Thomas R, Lalinsky P, El-Baba M.
Risk of small intestinal bacterial overgrowth with
chronic use of proton pump inhibitors in children.
Eur J Gastroenterol Hepatol. 2017 Apr;29(4):396-
399

6. Maridine Co, MD 2010-2013

- *Comparison of Maternal Food Elimination Diet and Hypoallergenic Formula for the Treatment of Allergic Colitis in Exclusively Breastfed Infants* (2013)
- Presentation was selected as a poster of distinction during Digestive Disease Week, held at the Orange County Convention Center in Orlando, Florida, May 18 - May 21, 2013.
Gastroenterology 144(5):S-605-S-606 · May 2013

7. Hazim Zaghloul, MD 2010-2013

- *Clinical and pathological significance of bile reflux noted during upper endoscopy in pediatric patients*
- Presented at Digestive Disease Week, held at the Orange County Convention Center in Orlando, Florida, May 18 - May 21, 2013.
Gastroenterology 144(5):S-885-S-886 · May 2013

8. Aakash Goyal, MD:

- *Acute Pancreatitis in Children with Inflammatory Bowel Disease: Extraintestinal Manifestation or Medication-induced?* 2007-2010
- Presented at the Digestive Disease Week meeting, Chicago, IL May 30-June 4, 2009.
Gastroenterology 136(5) · May 2009.

9. Ruby Mehta: Second-year fellow: 2007-2010

- *Thromboembolism in pediatric patients with inflammatory bowel disease: Incidence and outcome; A single center experience*

Mentoring Pediatric Residents in clinical Research projects:

1. Krishnapriya Prathapan MD: Third-year Pediatric Resident: 2016-2017
Serves as academic and research Mentor
Research: IV Iron Therapy in Iron Deficiency Anemia in Patients with Inflammatory bowel disease
2. Monica Shukla, MD: Second-year Pediatric Resident: Serves 2015-2016
as academic and research mentor.
Research: Analysis of Acute Pancreatitis Management in Children
3. Jennifer Bordato, DO: Second-year Pediatric Resident: 2013-2015

Tolerance of Pureed Diet by Gastrostomy Tube in Pediatric Patients

4. Sara Haidar, MD: Second-year Pediatric Resident: 2014
Portal vein thrombosis and Esophageal Varices in Children
5. Hazem Zaghloul, MD: Second-year Pediatric Resident: 2009
Pancreatitis in infants and children: a 10-year experience at Children's Hospital of Michigan
6. Maridine Co, MD: Second-year Pediatric Resident: 2009
Pancreatitis in infants and children: a 10-year experience at Children's Hospital of Michigan
7. Rodrigo Rodrigues, MD: Third-year Internal Medicine-Pediatrics Resident: 2010
 - *Prevalence and Risk Factors Associated with Clostridium difficile-Associated Disease in Children at a Tertiary Care Children's Hospital (2010)*
 - *Helicobacter pylori Infection in Children of Detroit, Michigan: a Single Center Experience (2010)*
8. Khalid Bittar MD: Second-year Pediatrics Resident: 2010
 - *Prevalence and Risk Factors Associated with Clostridium difficile-Associated Disease in Children at a Tertiary Care Children's Hospital (2010)*
 - *Helicobacter pylori Infection in Children of Detroit, Michigan: a Single Center Experience (2010)*

Serve as Faculty Advisor (Academic Mentor) for Pediatric Residents:

1. Pooja Dave. (First year Pediatric Resident) 2017-2019
2. Monica Shukla. (Currently first year pediatric GI fellow at Nationwide Children's Hospital, Columbus, OH) 2014-2017
3. Krishnapriya Prathapan. (Currently first year pediatric GI fellow at Children's Hospital of Pittsburgh) 2014-2017
4. Ammar Khayat. (Completed GI Pediatric Fellowship training at Childrens Hospital of Wisconsin) 2012-2015

Essays/Theses/Dissertations Directed

Course or curriculum development

Designed, coordinated and implemented a 3-year core curriculum consistent with the ACGME requirements which include: didactic lectures, clinical case conference, journal club, research conference, board review, GI-Pathology conference and GI-Radiology conference. 2008. Revised in 2013, 2017

Provides annual core lectures in Pediatric Gastroenterology and Nutrition to Physician Assistant (PA) Students, Wayne State University: from January 2007-present Jan 2007-Present

GRANTS, CONTRACTS, AND OTHER FUNDING

Funded Grants:

Role: Co-PI

Title: "Infliximab Proactive Drug Monitoring in the Pediatric IBD Population"

Source: The Children's Hospital of Michigan Foundation

Date: May 2019- Present

Amount: \$79,055

Previously funded grants:

Role: Supervising Fellow's Project

Title: "Risk of small intestinal bacterial overgrowth with chronic use of proton pump inhibitors in children."

The major goal of this study was to measure the risk of small intestinal bacterial overgrowth in children taking proton pump inhibitors by breath hydrogen tests and compare to controls.

Source: Ashok and Ingrid Sarnaik Endowment Grant

Date: July 2013-July 2014

Total Direct Cost: \$2500

Role: Principal Investigator

Title: A study to assess the adequacy of diet/bowel preparation for optimal colonoscopy using two bowel preparation

Date: 2002-2003

Source: E-Z-EM, INC.

Total Direct Cost: \$24,505.00

CLINICAL TRIALS ACTIVITIES

Co-PI: A Study of SMT19969 Compared With Vancomycin for the Treatment of Clostridium Difficile-Associated Diarrhoea (CDAD)

Protocol SMT19969-C006

Sponsored by: Summit Therapeutics

Date: December 2021-Present

Co-PI: An Open Label Multicenter Study To Evaluate The Pharmacokinetics of Single and Multiple Intravenous Doses of Pantoprazole in Two Age Cohorts of Hospitalized Pediatric Subjects 1 to 16 Years of Age Who Are Candidates For Acid Suppression Therapy

Protocol #: B1791089

Date: 2017-Present

Site Primary Investigator: A Multicenter, Prospective, Long-Term, Observational Registry of Pediatric Patients with Inflammatory Bowel Disease (August 2009-Present). Sponsor: CENTOCOR COMPANY, INC.

Date: 2009-Present

"Risk of small intestinal bacterial overgrowth with chronic use of proton pump inhibitors in children."

Role: Supervising Investigator (Fellow's Project). This is a cohort prospective study measuring risk of small intestinal bacterial overgrowth in children taking proton pump inhibitors by breath hydrogen test and comparing to control subjects.

Sponsor: Sarnaik fund.

Protocol #: 1305011999

Date: 2014-2015

Site Primary Investigator: Randomized, Open-Label, Multi-National Study to Evaluate the Pharmacokinetics of Repeated Once-Daily Intravenous Doses of Esomeprazole in Pediatric Patients 0 to 17 Years Old. AstraZeneca- Phase I

Date: 2007-2009

“miRNA and lncRNA as Salivary Biomarkers for Diagnosis and Monitoring Eosinophilic Esophagitis in Children”

Role: Co-Investigator

This is a prospective study assessing if miRNA and lncRNA may be reliable salivary biomarkers for eosinophilic esophagitis

Protocol ID: IRB-20-06-2403

Date: January 2021 - Present

PUBLICATIONS

Peer-Reviewed Publications

➤ Reports of Original Work:

1. Suryaprakash S, **El-Baba M**, Walkovich KJ, Savasan S. Expanding clinical spectrum of female X-linked lymphoproliferative syndrome 2. *Pediatr Blood Cance*. July 2020. [Online ahead of print]. PMID: 32686289
2. Cares K, Klein M, Thomas R, **El-Baba M**. Rectal Prolapse in Children: An Update to Causes, Clinical Presentation, and Management. *J Pediatr Gastroenterol Nutr*. J Pediatr Gastroenterol Nutr. 2019 Oct 25. [Epub ahead of print] PMID: 31688698
3. *Mitsuya J, Gonzalez R, Thomas R, **El-Baba M**. The Effect of Biologics on Post-Operative Complications in Children with Inflammatory Bowel Disease and Bowel Resection. *J Pediatr Gastroenterol Nutr*. March 2019. 68:03, 334–338. PMID: 30247424
Impact factor: 2.799
Role: Senior and Corresponding Author
4. *Patel D , McGrath E , Al-Ansari N , Thomas R , **El-Baba M**. Clostridium difficile Infection in Pediatric Inflammatory Bowel Disease Patients in the Era of Molecular Diagnostics and Advanced Therapeutics. *Int J Ped & Neo Heal*. 1:5, 105-115, 2017
Impact factor: 0.65
5. *Cares K, Al-Ansari N, Macha S, Zoubi N, Zaghloul H, Thomas R, Lalinsky P, **El-Baba M**. Risk of

small intestinal bacterial overgrowth with chronic use of proton pump inhibitors in children. Eur J Gastroenterol Hepatol. 2017 Apr;29(4):396-399

Impact factor: 1.968

Number of citations: 6

6. Wolfe-Christensen C, Manolis A, Guy WC, Kovacevic N, Zoubi N, **El-Baba M**, Kovacevic LG, Lakshmanan Y. Bladder and Bowel Dysfunction: Evidence for Multi-Disciplinary Care. J Urol. 2013 Nov;190(5):1864-8. doi: 10.1016/j.juro.2013.05.012. Epub 2013 May 10.
Impact factor: 5.157
Number of citations: 16
7. Acsadi G, Moore SA, Chéron A, Delalande O, Bennett L, Kupsky W, **El-Baba M**, Rumeur EL, Hubert JF. A novel mutation in the spectrin-like repeat 1 of dystrophin central domain causes protein misfolding and mild Becker muscular dystrophy. J Biol Chem. 2012 Mar 31.
Impact factor: 4.125
Number of citations: 9
8. **El-Baba MF**, Padilla M, Houston C, Madani S, Lin CH, Thomas R, Tolia V. A Prospective Study Comparing Oral Sodium Phosphate Solution to a Bowel Cleansing Preparation with Nutrition Food Package in Children. J Pediatr Gastroenterol Nutr. 42(2):174-7, 2006
Impact factor: 2.799
Number of citations: 33
9. Tolia V, Brow W, **El-Baba M**, Lin CH. Helicobacter pylori culture and antimicrobial susceptibility from pediatric patients in Michigan. Pediatr Infect Dis J. 19:1167-1171, 2001
Role: Implementation and patient recruitment, manuscript writing
Impact factor: 2.486
Number of citations: 37
10. **El-Baba M**, Lin CH, Klein M, Tolia V. Outcome after surgical intervention in children with chronic inflammatory bowel disease. The American Surgeon. 62(12):1014-17, 1996
Impact factor: 0.62
Number of citations: 26
11. **El-Baba M**, Tolia V, Lin CH, Dajani A. Absence of bacteremia after gastrointestinal procedures in children. Gastrointest Endosc. 44:378-81, 1996
Impact factor: 6.501
Number of citations: 27
12. Novelli VM, **El-Baba M***, Lewis RG, Bissell PS. Haemophilus Influenza Type B in Arab Gulf State. Pediatr Infect Dis J. 8(12): 886-7, 1989
Role: implementation and data analysis
Impact factor: 2.486

➤ **Case Reports:**

13. *Hinshaw A, **El-Baba M**. 7-year-old with Alport Syndrome and Vomiting. Gastroenterology. 2018 Jan 31. pii: S0016-5085(18)30123-9. doi: 10.1053/j.gastro.2018.01.047. [Epub ahead of print]. PMID: 29409873
Impact factor: 18.392
Number of citations:
14. *Litao MK, **El-Baba MF**, Buggs-Saxton C. Hepatomegaly and Liver Dysfunction in a 15-Year-Old Girl

With Type 1 Diabetes Mellitus. Clinical Pediatrics. 2016, Vol. 55(7) 680–682

Impact factor: 1.371

Number of citations: 1

15. *Cares K, **El-Baba M**. A 9-Month-Old Presenting With Rectal Prolapse. Gastroenterology. Epub 2015 Nov 21. 150(1):42-3.
Impact Factor: 18.392
Citation: 1.
16. *Cares K, Poulik J, **El-Baba M**. Celiac Disease in A Child Presenting With Recurrent Rectal Prolapse - Case Report. J Pediatr Gastroenterol Nutr. 2014 Apr 23. [Epub ahead of print]
Impact factor: 2.799
Number of citations:2
17. Savasan S, **El-Baba M**. First Episode of Axillary Acne Inversa in a Teenager on Infliximab Therapy for Crohn's Disease. J Pediatr Gastroenterol Nutr. 2013 Jan;56(1):e2-3.
Impact factor: 2.799
Number of citations: 4
18. *Mehta R, **El-Baba M**, Poulik J, Al-Ansari N. How Long Does it Take for a Trichobezoar to Form? Letter to Editor. Southern Medical Journal 2010;103(8):847-8
Role: edited the manuscript and supervised the first author (fellow) regarding writing and preparation/submission process.
Impact factor: 0.932
Number of citations: 2
19. *Goyal A, Poulik J, Chang C, **El-Baba M**. Esophageal Polyp in a boy with Eosinophilic Esophagitis. J Pediatr Gastroenterol Nutr. 2010 Nov;51(5):541.
Impact factor: 2.799
Number of citations: 4
20. Neil E, Cortez J, Joshi A, Bawle EV, Poulik J, Zilberman M, **El-Baba MF**, Sood BG. Hepatic failure, neonatal hemochromatosis and porto-pulmonary hypertension in a newborn with trisomy 21 - a case report. Ital J Pediatr. 2010 May 18;36(1):38.
Role: Literature search, Manuscript writing
Impact factor:1.668
Number of citations:7
21. *Arya SO, *Saini A, **El-Baba M**, Salimnia H, Abdel-Haq N. Epstein Barr virus--associated acute acalculous cholecystitis: a rare occurrence but favorable outcome. Clin Pediatr (Phila) 2010;49(8):799-804.
Role: Literature search, Manuscript writing
Impact factor: 1.371
Number of citations: 19
22. Rongkavilit C; **El-Baba M.**; Poulik J; Asmar B.I. CASE REPORT: Herpes Simplex Virus Type 1 Esophagitis in an Immunocompetent Adolescent. Digestive Diseases and Sciences 2004. 49, no. 5, pp. 774-7, 2004
Role: Literature search, Manuscript writing
Impact factor: 2.875
Number of citations: 11

23. *Al-Homaidhi H, Abdel-Haq NM, **El-Baba M**, Asmar BI. Severe hepatitis associated with oxacillin therapy. *South Med J* . 95: 650-2, 2002
Role: Literature search, Manuscript writing
Impact factor: 0.932
Number of citations: 2

Review Articles:

24. Cares K, **El-Baba M**. Rectal Prolapse in Children: Significance and Management. *Curr Gastroenterol Rep*. 2016 May;18(5):22

Editorials/Commentaries

Invited Book Review:

25. **El-Baba M**, Tolia V. – Clinical Pediatric Gastroenterology- Eds. Licouras and Altshuler, 1998. *Am J Gastroenterol* Vol 95(3)2000:854.

Letters to the Editor

26. **El-Baba M**, Tolia V. A Prospective Study Comparing Oral Sodium Phosphate Solution to a Bowel-cleansing Preparation with Nutrition Food Package in Children. Author's Response to Letter. *J Pediatr Gastroenterol Nutr*. 44(3):390-391, 2007.

Book Authorships, Editorships, and Chapters:

27. **El-Baba M**. Dysphagia. In: *Textbook of Pediatric Care, American Academy of Pediatrics*, 2nd Ed. Elk Grove Village, IL: American Academy of Pediatrics (2014). Editors: McNerny TK, Adam HM, Campbell DE, Kamat DK, Kelleher KJ
28. **El-Baba M**. Obesity. In: *Text Book of Clinical Pediatrics*, Second Edition, pp 769-777. Springer (2012). Editors: : Elzouki AY, Harfi HA, Nazer H, Oh W, Stapleton FB, Whitley RJ
29. **El-Baba M**. Approach to a Child with Malabsorption. In: *Text Book of Clinical Pediatrics*, Second Edition, pp. 1823-1828. Springer (2012). Editors: Elzouki AY, Harfi HA, Nazer H, Oh W, Stapleton FB, Whitley RJ.

Published Abstracts:

1. Mitsuya JB, Gonzalez R, **El-Baba M**. The Effect of Biologic Therapy on Post-Operative Complications in Pediatric Patients With Medically Refractory Inflammatory Bowel Disease Undergoing Bowel Resection In A Tertiary Center. *Inflamm Bowel Dis* 24(suppl 1):S76-S76, 2018, and *Gastroenterol* 154(1):S108, 2018
2. Shukla-Udawatta M, Thomas R, **El-Baba M**. Analysis of Acute Pancreatitis Management in Children. *Gastroenterol* 150(4):S436 · April 2016
3. Patel D, McGrath E, Al-Ansari N, **El-Baba M**. Clostridium difficile Infection in Pediatric Inflammatory Bowel Disease Patients in the Era of Molecular Diagnostics and Advanced Therapeutics. *Gastroenterol* 148(4):S-381 · April 2015

4. Cares K, **El-Baba M**. Rectal Prolapse and It's Clinical Characteristics in Children. Gastroenterol 148(4):S-425, 2015
5. Zaghoul H, Madani S, Al-Ansari N, Macha S, Zoubi N, **El-Baba M**. Abstract : “Clinical Value of Finding Bile in the Stomach during Upper Endoscopy in Pediatric Patients. Gastroenterol 144(5):S-885-S-886, 2013
6. Maridine Co, **Mohammad El-Baba**. Abstract: “Comparison of Maternal Food Elimination Diet and Hypoallergenic Formula for the Treatment of Allergic Colitis in Exclusively Breastfed Infants”. Gastroenterol 144(5):S-605-S-606, 2013
7. Rodrigo Rodrigues , Khalid Bittar , Hossein Salimnia, **Mohammad El-Baba**. Prevalence and Risk Factors Associated with Clostridium difficile-Associated Disease in Children at a Tertiary Care Children’s Hospital. Gastroenterol 140(5), 2011.
8. Goyal A, Madani S, Al-Ansari N, El-Baba, M. Acute Pancreatitis in Children with Inflammatory Bowel Disease: Idiopathic or Medication-Induced? Gastroenterol 136(5), 2009.
9. **El-Baba M**, Tolia V. A Prospective Study to Diagnose Adult-Type Hypolactasia By Correlating Results of Hydrogen Breath Testing and Determination of Lactase-None Persistence Gene. J Pediatr Gastroenterol Nutr 39(Supplement 1):S87-S88, 2004
10. **El-Baba M**, Peters J, Lin CH, Sukerek H, Tolia V. Value of serologic markers in children with inflammatory bowel disease (ibd). Gastrointest Endosc 51(4):AB259, 2000
11. **El-Baba M**, Lin CH, Tolia V. Outcome following surgical intervention in children with chronic inflammatory bowel diseases. Gastrointest Endosc 41(4):335-335, 1995

Non-Peer-Reviewed Publications

1. **El-Baba M**. Pediatric Irritable Bowel Syndrome. Medscape Reference. Updated August, 2016. Available at: <http://emedicine.medscape.com/article/930844-overview>.
2. Sukerek H*, **El-Baba M**. Autoimmune Hepatitis. emedicine Textbook. Pediatric Section (last updated 07/2010)
Role: edited the chapter and supervised the first author (fellow) regarding preparation, literature survey, procurement of literature references and writing.

PRESENTATIONS

Poster Presentations:

1. Lee J, Ali B, Mohammad El-Baba, Salimnia H, Thomas R, Cares K, El-Baba M. The Changes in Helicobacter pylori Antibiotic Susceptibilities and Resistance Patterns. Presented at the NASPGHAN virtual meeting December , 2021.

2. Hinshaw A, Cares K, Thomas R, **El-Baba M**. Efficacy of Infliximab Biosimilar Agent for Maintenance Therapy in the Management of Pediatric Inflammatory Bowel Disease. Presented at the NASPGHAN virtual meeting November 1-6, 2020
3. Kleinhenz J, **El-Baba M**. Maternal Elimination Diets versus Hypoallergenic Formula on Infant Outcomes with Cow's Milk Protein Allergy at a Tertiary Center. Poster Presented at the NASPGHAN meeting October, 18 2019, in Chicago, IL.
4. Mitsuya JB, Gonzalez R, **El-Baba M**. The Effect of Biologic Therapy on Post-Operative Complications in Pediatric Patients With Medically Refractory Inflammatory Bowel Disease Undergoing Bowel Resection In A Tertiary Center. The Crohn's and Colitis Congress Meeting, Jan 18-20, 2018, Las Vegas, Nevada
5. Prathapan K, Mani J, Ozgonenel B, Thomas R, **El-Baba M**. IV IRON therapy in Iron deficiency anemia in Pediatric IBD patients. The North American Society for Pediatric Gastroenterology, Hepatology and Nutrition (NASPGHAN) meeting November 1-4, 2017, Las Vegas, Nevada.
6. Shukla-Udawatta M, Thomas R, **El-Baba M**. How Do IV Fluids Affect Hospital Course In Children With Acute Idiopathic Pancreatitis? The WCPGHAN (World Congress of Pediatric Gastroenterology, Hepatology and Nutrition), October 5-8 2016, Montreal, Canada.
7. Shukla-Udawatta M, Thomas R, **El-Baba M**. Analysis of Acute Pancreatitis Management in Children. Digestive Disease Week (DDW), San Diego May 21-24, San Diego, CA
8. Patel D, McGrath E, Al-Ansari N, **El-Baba M**. Clostridium difficile Infection in Pediatric Inflammatory Bowel Disease Patients in the Era of Molecular Diagnostics and Advanced Therapeutics. Digestive Disease Week (DDW), May 16-19, 2015, Washington, DC.
9. Cares K, **El-Baba M**. Rectal Prolapse And It's Clinical Characteristics in Children. Digestive Disease Week (DDW), May 16-19, 2015, Washington, DC.
10. Cares K, Al-Ansari N, Macha S, Zaghloul H, Zoubi N, Thomas R, Lalinski P, **El-Baba M**. Risk of Small Intestinal Bacterial Overgrowth with Chronic Use of Proton Pump Inhibitors in Children. North American Society for Pediatric Gastroenterology, Hepatology and Nutrition (NASPGHAN) meeting, October 23-26, 2014, Atlanta, Georgia.
11. Bordato Mitsuya J, Helmick E, **El-Baba M**. Tolerance of Pureed Diet by Gastrostomy Tube in Pediatric Patients. North American Society for Pediatric Gastroenterology, Hepatology and Nutrition (NASPGHAN) meeting, October 23-26, 2014, Atlanta, Georgia.
12. Maridine Co, **Mohammad El-Baba**. Abstract: "Comparison of Maternal Food Elimination Diet and Hypoallergenic Formula for the Treatment of Allergic Colitis in Exclusively Breastfed Infants" has been selected as a poster of distinction presentation during Digestive Disease Week, May 18-21, 2013, Orlando, Florida.
13. Zaghloul H, Madani S, Al-Ansari N, Macha S, Zoubi N, **El-Baba M**. Abstract : "Clinical Value of Finding Bile in the Stomach during Upper Endoscopy in Pediatric Patients". Digestive Disease Week, May 18-21, 2013, Orlando, Florida.

14. Wolfe-Christensen, C., Manolis, A., Guy, W.C., Kovacevic, N., Zoubi, N., **El-Baba, M.**, Kovacevic, L.G., Lakshmanan, Y. (April, 2013). Parenting Stress in Bladder and Bowel Dysfunction. American Urological Association Meeting, 2013, San Diego, CA.
15. Wolfe-Christensen, C., Manolis, A., Guy, W.C., Kovacevic, N., Zoubi, N., **El-Baba, M.**, Kovacevic, L.G., Lakshmanan, Y. (August, 2013). Elimination Disorders: Evidence for Multidisciplinary Care. American Psychological Association Meeting, 2013, Honolulu, HI.
16. Wolfe-Christensen, C., Manolis, A., Guy, W.C., Kovacevic, N., Zoubi, N., **El-Baba, M.**, Kovacevic, L.G., Lakshmanan, Y. (April, 2013). Bladder and Bowel Dysfunction: Evidence for Multidisciplinary Care. American Urological Association Meeting, 2013, San Diego, CA.
17. Amit Lahoti, **Mohammad El-Baba**, Marwan Zidan, Kathleen Moltz. How Does Gluten-Free Diet Impact Growth and Diabetes Control in Patients with Type 1 Diabetes Mellitus and Celiac Disease? Pediatric Academic Societies' Annual Meeting, April 28-May 1, 2012, Boston, Massachusetts.
18. Bittar K, Rodrigues R, Salimnia H, **El-Baba M.** Evaluation of Current Treatment Strategies in Clostridium Difficile Infection in Children at a Tertiary Care Children's Hospital: A Retrospective Study. North American Society for Pediatric Gastroenterology, Hepatology and Nutrition (NASPGHAN) meeting, October 20-23, 2011, Orlando, Florida.
19. Rodrigo Rodrigues , Khalid Bittar , Hossein Salimnia, **Mohammad El-Baba**. Prevalence and Risk Factors Associated with Clostridium difficile-Associated Disease in Children at a Tertiary Care Children's Hospital. Presented at the Digestive Disease Week (DDW), May 7-11, 2011, Chicago, Illinois.

Invited Lectures/Presentations

International/National:

1. Presented: "Viral Hepatitis B & C in Children" at the international Hepatitis Symposium, in Doha, Qatar, on December 14, 2005.
2. Moderator of Third Qatari Pediatric International Conference held in Doha, Qatar, April 6-9, 2005
3. Presented: "Viral Hepatitis" For Pediatric Dentists at Hamad Medical Corporation in Doha, Qatar, on January 16, 2005
4. Moderator and Chairperson of "Golden Updates in Infant Nutrition" Symposium held in Doha, Qatar on November 30, 2004
5. Presented: "Pediatric Gastroesophageal Reflux Disease" at Hamad General Hospital in Doha, Qatar on June 21, 1999

Local/Regional:

1. Presented "Viral Hepatitis in Children- Update" to Pediatric Infectious Diseases Staff, Fellows and Residents at Children's Hospital of Michigan on November 5, 2020.

2. Presented: "Role of Capsule Endoscopy in Pediatric Patients" at the Children's Hospital of Michigan 62nd Annual Clinic Days, on May 17, 2019.
3. Presented: "Eosinophilic Gastrointestinal Disorders in Children" to the Allergy and Immunology Fellows and Staff at Children's Hospital of Michigan, 8/10/2018
4. Presented: "Eosinophilic Gastrointestinal Disorders in Children" to the Allergy and Immunology Fellows and Staff at Henry Ford Hospital, 3/17/2017
5. Presented: "Gastrointestinal Manifestations in Primary Immune Disorders" to the Pediatric Allergy and Immunology Residents, Fellows and staff at Children's Hospital of Michigan, 1/13/2017.
6. Presented: "Gastroesophageal Reflux Disease in Pediatric Patients" to the Pediatric Surgery Residents, Fellows and Staff at Children's Hospital of Michigan on November 2, 2016.
7. Presented: "An Update of Pediatric Inflammatory Bowel Disease" to the Pediatric Surgery Residents, Fellows and Staff at Children's Hospital of Michigan on October 14, 2015.
8. Presented: "Eosinophilic Gastrointestinal Disorders in Children" at the 2014 Michigan State Medical Society Foundation (MSMS) Annual Scientific Meeting, Allergy and Immunology Chapter, October 24, 2014 in Troy, Michigan.
9. Presented: "Viral Hepatitis in Children" at the Children's Hospital of Michigan CME lecture series, on August 23, 2014.
10. Presented: "Pediatric Gastroesophageal Reflux Disease: Update" to the Pediatric Surgery Residents, Fellows and Staff at Children's Hospital of Michigan, March 12, 2014.
11. Presented: "An Update of Pediatric Inflammatory Bowel disease" to the Emergency Department Residents, Fellows, and Staff at Children's Hospital of Michigan, Feb 26, 2014.
12. Presented: "An Update of Pediatric Inflammatory Bowel disease" to the Anesthesia Residents, Fellows, CRNAs and Staff at Children's Hospital of Michigan, April 10, 2013.
13. Presented: "Eosinophilic Esophagitis in Children" to the Anesthesia Residents, Fellows, CRNAs and Staff at Children's Hospital of Michigan, April 10, 2013.
14. Presented: "Celiac Disease" at the Children's Hospital of Michigan CME lecture series, on January 26, 2013.
15. Presented: "Viral Hepatitis in Children" to Pediatric Infectious Diseases Staff, Fellows and Residents at Children's Hospital of Michigan on October 4, 2012.
16. Presented: "Update_Pediatric GERD" to the Pediatric ENT Residents, Fellows and Staff at Children's Hospital of Michigan on June 13, 2012

17. Presented: "Approach to a Child with Gastrointestinal Bleeding" to Pediatric Department at Hurley Medical Center, Flint, September 23, 2011.
18. Presented: "Inflammatory Bowel Diseases and GI Bleeding in Children" to the Emergency Room Staff, Fellows, Residents and Nurse Practitioners at Children's Hospital of Michigan, August 10, 2011
19. Presented: "Update Pediatric GERD" to the Pediatric ENT Residents, Fellows and Staff at Children's Hospital of Michigan on March 16, 2011
20. Presented: "An Update of Inflammatory Bowel Diseases in Children and Adolescents" to the Pediatric Surgery Residents, Fellows and Staff at Children's Hospital of Michigan, November 10, 2010.
21. Presented: "An Update of Inflammatory Bowel Diseases in Children and Adolescents" at the Children's Hospital of Michigan CME lecture series, on October 28, 2010.
22. Presented: "Inflammatory Bowel Disease in Children and Adolescents" at the Children's Hospital of Michigan CME 6th Biannual: Current Concepts in Pediatric Pharmacy Practice, April 16, 2010.
23. Presented: "Approach to Children with Abdominal Pain" to the Emergency Room Staff, Fellows, Residents and Nurse Practitioners at Children's Hospital of Michigan, October 15, 2009.
24. Presented: "Pediatric Gastroesophageal Reflux Disease: Esophageal and Extra-esophageal Manifestations" to the Pediatric ENT Residents, Fellows and Staff at Children's Hospital of Michigan, August 5, 2009
25. Presented: "*Helicobacter pylori* infection in Children" to the Hematology/Oncology Residents, Fellows and Staff at Children's Hospital of Michigan, June 9, 2009
26. Presented: "Eosinophilic Esophagitis: Increasing Incidence, or Increasing Awareness?" to the Allergy and Immunology Fellows and Staff, Children's Hospital of Michigan, February 3rd, 2009
27. Presented: "Pediatric Gastroesophageal Reflux Disease: Update" to the Allergy and Immunology Fellows and Staff at Children's Hospital of Michigan, January 23rd, 2009
28. Presented: "Pancreatitis in Infants and Children" for Pediatric Surgery, Children's Hospital of Michigan, Sept 24, 2008.
29. Presented: "Pediatric Gastroesophageal Reflux Disease: Esophageal and Extra-esophageal Manifestations" to the Pediatric ENT Residents, Fellows and Staff at Children's Hospital of Michigan, August 27, 2008
30. Presented: "Viral Hepatitis: Overview" at the International Health Pathway at Children's Hospital of Michigan, Detroit, Michigan on March 4, 2008
31. Presented: "Approach to Recurrent Abdominal Pain in Children" at the Saturday CME Lecture

Series: Challenges in Pediatric Medicine, at Children's Hospital of Michigan, October 20, 2007.

32. Presented: "An Update of Pediatric Inflammatory Bowel Disease" for Pediatric Surgery at Children's Hospital of Michigan on May 16, 2007.
33. Presented: "Pediatric Gastroesophageal Reflux Disease: Update" to the Pediatric ENT Residents, Fellows and Staff at Children's Hospital of Michigan, April 18, 2007.
34. Presented: "Portal Hypertension in Children: An Update" for Pediatric Surgery Department at Children's Hospital of Michigan, August 20, 2003
35. Presented: "Extra esophageal Complications of Gastroesophageal Reflux Disease in Children" for Pediatric ENT Grand Rounds, June 23, 2001

Invited Seminars/Grand Rounds:

1. Presented: "Celiac disease: Clinical Presentation, Diagnosis and Screening" for Grand Rounds to the Pediatric Department at Huron Valley-Sinai Hospital, Commerce, Michigan, Nov 16, 2011
2. Presented: "Chronic Hepatitis in Children" for Grand Rounds to the Pediatric Department at St. John Hospital and Medical Center, Detroit, Michigan, January 4, 2011
3. Presented: "Eosinophilic Esophagitis in Children: Clinical Presentation and Management" for Grand Rounds to the Pediatric Department at St. Joseph Mercy Hospital, Anne Arbor, Michigan, February 19, 2009
4. Presented: "Eosinophilic Esophagitis: Increasing Incidence, or Increasing Awareness? For Grand Rounds at Children's Hospital of Michigan, Detroit, Michigan, on March 14, 2008.
5. Presented: "Hepatitis C in Children: Update" for Grand Rounds at Hurley Medical Center, Flint, Michigan, on February 28, 2007.
6. Presented: "Pediatric Gastrointestinal Motility Disorders" for Grand Rounds at Children's Hospital of Michigan on September 28, 2001