

Fahimul Huda, M.D.
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EDUCATION

- 06/2010 **Medical School**
Degree: Bachelor of Medicine and Bachelor of Surgery (MBBS)
Sikkim Manipal Institute of Medical Sciences, Gangtok, India
- 11/2017 **Diagnostic Radiology Residency**
Degree: Doctor of Medicine (MD, Radiology)
Era's Lucknow Medical College, Lucknow, India
- 06/2019 **Neuroradiology Fellowship**
George Washington University Hospital, Washington, DC
- 06/2020 **Body Imaging Fellowship**
Boston University Medical Center, Boston, MA
- 06/2021 **Thoracoabdominal Imaging Fellowship**
Boston University Medical Center, Boston, MA
- 06/2022 **Advanced Neuroradiology Fellowship**
George Washington University Hospital, Washington, DC

ACADEMIC APPOINTMENTS

- 07/2022- present Instructor
Department of Radiology
University of Louisville School of Medicine
Louisville, KY
- 12/2020 - 11/2021 Clinical Instructor
Department of Radiology
Boston University School of Medicine
Boston, MA

OTHER POSITIONS AND EMPLOYMENT

- 02/2018 – 04/2018 Registrar
Department of Radiology
Indraprastha Apollo Hospital
New Delhi, India

CERTIFICATION AND LICENSURE

10/2021 Massachusetts Medical License (inactive)
12/2021 Kentucky State Medical License (active)

PROFESSIONAL MEMBERSHIPS AND ACTIVITIES

2013 – Present American Medical Association (AMA)
2018 – Present American College of Radiology (ACR)
2018 – Present American Society of Neuroradiology (ASNR)
2019 – Present Society of Abdominal Radiology (SAR)
2020 – Present American Roentgen Ray Society (ARRS)
2020 – Present Radiological Society of North America (RSNA)
2021 – Present RadioGraphics Subspecialty Review Panelist (Gastrointestinal Imaging)

HONORS AND AWARDS

2015 3rd prize for poster titled “Combined Aplasia of Frontal and Sphenoid sinuses with hypoplasia of Ethmoid and Maxillary sinuses” at Indian Radiological and Imaging Association, 29th Annual state conference of U.P. State Chapter

2020 Trainee Award for poster titled “Hepatic steatosis assessment using ultrasound” at Society of Abdominal Radiology (SAR) Annual meeting, Hawaii, March 2020

2022-2023 **Faculty Educator of the Year** – University of Louisville School of Medicine, Department of Radiology

COMMITTEE ASSIGNMENTS AND ADMINISTRATIVE SERVICES

1. **Program Director**, Body Imaging Fellowship Program, 2023-present
University of Louisville School of Medicine,
Louisville, KY
2. **Clinical Competency Committee**, Body Imaging Fellowship Program, 2023-present
University of Louisville School of Medicine,
Louisville, KY
3. **Program Evaluation Committee**, Body Imaging Fellowship Program, 2023-present
University of Louisville School of Medicine,
Louisville, KY
4. **Radiology Lead**, National accreditation program for rectal cancer (NAPRC)
University of Louisville School of Medicine,
Louisville, KY

5. **RadioGraphics Subspecialty Review Panelist** (Gastrointestinal Imaging)
2021- 2023
Radiological Society of North America

MAJOR LEADERSHIP ROLES

Program Director of the newly established **Body Imaging Fellowship**, with a pivotal role in establishing the program and obtaining Graduate Medical Education approval.

Radiology Lead for National accreditation program for rectal cancer (NAPRC). The Colorectal Surgery department is currently working towards obtaining NAPRC approval from the American College of Surgeons.

EDITORIAL WORK

2019 – Present	Spine
2021 – Present	RSNA Case Collection
2021 – Present	RadioGraphics Subspecialty Review Panelist position (Gastrointestinal Imaging)
2021 – Present	Academic Radiology
2022 – Present	European Radiology
2022 – Present	American Journal of Roentgenology (AJR)

CLINICAL RESEARCH TRIALS

1. Sponsor: Arcus Biosciences, Inc.

Randomized, Open-Label, Multicenter Phase 3 Trial of Domvanalimab, Zimberelimab, and Chemotherapy Versus Nivolumab and Chemotherapy in Participants with Previously Untreated Locally Advanced Unresectable or Metastatic Gastric, Gastroesophageal Junction, and Esophageal Adenocarcinoma (STAR-221).

Principal Investigator: Vivek Sharma, MD
Role: Co-investigator

2. Sponsor: AstraZeneca

Phase III, Randomised, Double-blind, Placebo-controlled, Multicentre, International Study of Durvalumab plus Domvanalimab (AB154) in Participants with Locally Advanced (Stage III), Unresectable Non-small Cell Lung Cancer Whose Disease has not Progressed Following Definitive Platinum-based Concurrent Chemoradiation Therapy (PACIFIC-8).

Principal Investigator: Phuong T. Ngo, MD
Role: Co-investigator

3. Sponsor: Fate Therapeutics

Phase I, Open-Label, Multicenter Study of FT596 as a monotherapy and in Combination with Rituximab or Obinutuzumab in Subjects with Relapsed / Refractory B-Cell Lymphoma and Chronic Lymphocytic Leukemia (FT596-101).

Principal Investigator: Ju-Hsien Chao, MD
Role: Co-investigator

4. Sponsor: Merck

Phase 1, Open-label, Multicenter Study of the Safety, Pharmacokinetics, and Pharmacodynamics of MK-4464 as Monotherapy and in Combination with Pembrolizumab in Participants with Advanced/Metastatic Solid Tumors (MK-4464-001-03).

Principal Investigator: Rebecca Redman, MD
Role: Co-investigator

5. Sponsor: Arcus Biosciences, Inc.

Phase 1, open-label, dose escalation and dose expansion study, to investigate the safety, tolerability, and pharmacokinetic profile of AB521 monotherapy in participants with clear cell renal cell carcinoma and other solid tumors (ARC-20).

Principal Investigator: Rohit Kumar, MD
Role: Co-investigator

6. Sponsor: Dragonfly Therapeutics

Phase 1/2, First-In-Human, Multi-Part, Open-Label Study to Investigate the Safety, Tolerability, Pharmacokinetics, Biological and Clinical Activity of DF9001 as a monotherapy and in combination with nivolumab in Patients with Advanced (Unresectable, Recurrent, or Metastatic) Solid Tumors, and Expansion in Selected Indications (DF9001-001).

Principal Investigator: Rebecca Redman, MD
Role: Co-investigator

7. Sponsor: NGM Biopharmaceuticals Inc.

A Phase 1/1b Dose Escalation/Expansion Study of NGM438 as Monotherapy and in Combination with Pembrolizumab in Advanced or Metastatic Solid Tumors (438-IO-101).

Principal Investigator: Rebecca Redman, MD
Role: Co-investigator

8. Sponsor: Twisted Pink

Phase 2 Study of Palliative Radiation in Combination with Pembrolizumab in Subjects with Unresectable/Metastatic Stage IV Breast Cancer (Twisted Pink).

Principal Investigator: Elizabeth Riley, MD
Role: Co-investigator

9. Sponsor: Allogene

Randomized, Open-Label, Phase 2 Study Evaluating Lymphodepletion with Fludarabine, Cyclophosphamide, and ALLO-647, vs. Fludarabine and Cyclophosphamide Alone, in Subjects with Relapsed / Refractory Large B-Cell Lymphoma (LBCL) Receiving ALLO-501A Allogeneic CAR T Cell Therapy (ALLO-647-201 Expand).

Principal Investigator: Hassaan Yasin, MD
Role: Co-investigator

10. Sponsor: Philips Healthcare

Pilot Study of On-Cart Liver Fat Quantification (LFQ) Feature to Assess Correlation with Magnetic Resonance Imaging Proton Density Fat Fraction (MRI-PDFF) Result.

Principal Investigator: Stephan Anderson, MD
Role: Co-investigator

11. Sponsor: IN8Bio

Phase 1B / 2 Open-Label Study to Investigate the Safety, Tolerance, and Efficacy of Drug Resistant Immunotherapy with Activated, Gene Modified Allogenic or Autologous $\gamma\delta$ Cells (DELTEX) in Combination with Maintenance Temozolomide in Subjects with Recurrent or Newly Diagnosed Glioblastoma (IN8bio INB-400).

Principal Investigator: Akshit Kumar Mistry, MD
Role: Key Personnel

12. Sponsor: Merck

Phase 2 Study to Evaluate the Efficacy and Safety of MK-1026 in Participants with Hematologic Malignancies (MK-1026-003-05).

Principal Investigator: Ju-Hsien Chao, MD
Role: Key Personnel

ABSTRACTS AND PRESENTATIONS

Scientific

- 2022 **Huda F**, Abdelmonem A, Srinivas Dola VN, Taheri MR. Is the Number of Arachnoid Granulations a Function of Age and/or Gender? GW Research showcase, April 2022.
- 2020 **Huda F**, LeBedis CA, Qureshi MM, Gupta A. Acute cholecystitis: Performance of Conventional CT versus Dual-Energy CT. Featured Scientific Paper. *106th Annual Radiological Society of North America (RSNA) virtual meeting, December 2020.*
- 2019 Javan R, Fleming C, Shahid P, Mostaghni N, **Huda F**, Arusoo T. 3D printed apparatus of the ventricular and cisternal system: Color coded using light sources. *American Society of Neuroradiology (ASNR), 57th Annual meeting, Boston, May 2019*
- Javan R, Heidari P, Nelson A, Goyal A, **Huda F**, Osman M, BS, Losee MA, Leon-Guerrero C. Simulation Training for Acute Ischemic Stroke Image Interpretation in a Comprehensive Stroke Centre. *American Society of Neuroradiology (ASNR), 57th Annual meeting, Boston, May 2019*
- 2015 **Huda F**, Khanduri S, Chaudhary M, Bhagat S. Comparative Evaluation of High-Resolution Ultrasonography and Multidetector Computed Tomography in Radiological Diagnosis of Abdominal Tuberculosis *Indian Radiological and Imaging Association, 29th Annual state conference of U.P. State Chapter*

Educational

- 2020 **Huda F**, Gupta A, LeBedis CA. Abdominal TB – A pictorial essay. *American Roentgen Ray Society (ARRS) 2021 virtual meeting*
- Huda F**, Kaliaev A, Chavez W, Soto J, Xie H, Nguyen M, Shamdasani V, Anderson S. Multi-parametric quantitative ultrasound assessment of hepatic steatosis *Society of Abdominal Radiology (SAR) Annual meeting, Hawaii, March 2020*
- 2019 Costenbader K, **Huda F**, Shand M, Brown D, Kraus M, Taheri R. Small subdural hemorrhages: Does size of intracranial haemorrhage impact symptoms after discharge? *Radiological Society of North America (RSNA), 105th Annual meeting December 2019*
- Parenti V, **Huda F**, Richardson PK, Aulakh M, Taheri MR. The unkempt Cauda Equina - Pathology of the Horse's tail. *American Society of Neuroradiology (ASNR), 57th Annual meeting, Boston, May 2019*
- 2015 **Huda F**, Bhagat S, Bhadury S. Combined Aplasia of Frontal and Sphenoid sinuses with hypoplasia of Ethmoid and Maxillary sinuses. *Indian Radiological and Imaging Association, 29th Annual state conference of U.P. State Chapter*

2014 **Huda F**, Khanduri S, Chaudhary M, Bhagat S. Spectrum of CT findings in Abdominal Tuberculosis. *Indian Radiological and Imaging Association, 28th Annual state conference of U.P. State Chapter*

SCIENTIFIC PEER-REVIEWED MANUSCRIPTS

2023 **Huda F**, Abdelmonem A, Dehghani Firouzabadi F, Srinivas Dola VN, Sheikhy A, Taheri MR. The role of arachnoid granulations in idiopathic intracranial hypertension. *Neuroradiol J.* 2023 Apr 27;19714009231173109. doi: 10.1177/19714009231173109. Epub ahead of print. PMID: 37102274

Hsu LY, Ali Z, Bagheri H, **Huda F**, Redd BA, Jones EC. Comparison of CT and Dixon MR Abdominal Adipose Tissue Quantification Using a Unified Computer-Assisted Software Framework. *Tomography.* 2023 May 20;9(3):1041-1051. doi: 10.3390/tomography9030085. PMID: 37218945.

CT-derived Radiomics Predict the Growth Rate of Renal Tumors in von Hippel-Lindau Syndrome. Authors: Shiva Singh; Fatemeh Dehghani Firouzabadi; Aditi Chaurasia; Fatemeh Homayounieh; Mark W. Ball; **Fahimul Huda**; Evrim B. Turkbey; W. Marston Linehan; Ashkan Malayeri (Clinical Radiology – under review)

Skeletal Involvement in Erdheim-Chester Disease: Multimodality Imaging Features and Association with the BRAFV600E Mutation. Authors: Moozhan Nikpanah; Fatemeh Dehghani Firouzabadi; Faraz Farhadi; S. Mojdeh Mirmomen; Mark Ahlman; **Fahimul Huda**; Corina Millo; Babak Saboury; Anna K Paschall; William A Gahl; Juvianee Estrada-Veras; Evrim Turkbey; Elizabeth C Jones; Kevin O'Brien; Ashkan A. Malayeri (Clinical Radiology – under review)

2022 Chaurasia A, Gopal N, Dehghani Firouzabadi F, Yazdian Anari P, Wakim P, Ball MW, Jones EC, Turkbey B, **Huda F**, Linehan WM, Turkbey EB, Malayeri AA. Role of ultra-high b-value DWI in the imaging of hereditary leiomyomatosis and renal cell carcinoma (HLRCC). *Abdom Radiol (NY).* 2023 Jan;48(1):340-349. doi: 10.1007/s00261-022-03689-w. Epub 2022 Oct 7. PMID: 36207629.

Kaliaev A, Chavez W, Soto J, **Huda F**, Xie H, Nguyen M, Shamdasani V, Anderson S. Quantitative Ultrasound Assessment of Hepatic Steatosis. *Journal of Clinical and Experimental Hepatology.* 2022 Jan 31. doi: 10.1016/j.jceh.2022.01.007

2021 **Huda F**, Rozenshtein A, Bedi H. The American Board of Radiology's Alternate Pathway for Diagnostic Radiology: What the Programs and the Applicants Need to Know. *Acad Radiol.* 2022 Mar;29(3):465-468. doi: 10.1016/j.acra.2021.09.017. Epub 2021 Oct 8. PMID: 34629263.

Huda F, LeBedis CA, Qureshi MM, Anderson SW, Gupta A. Acute cholecystitis: diagnostic value of dual-energy CT-derived iodine map and low-keV virtual monoenergetic images. *Abdom Radiol (NY)*. 2021 Nov;46(11):5125-5133. doi: 10.1007/s00261-021-03202-9. Epub 2021 Jul 5. PMID: 34223959.

Costenbader K, **Huda F**, Shand M, Brown D, Kraus M, Taheri R. Small subdural hemorrhages: Does size of intracranial hemorrhage impact symptoms after discharge? *Am J Emerg Med*. 2021 Sep;47:223-227. doi: 10.1016/j.ajem.2021.03.053. Epub 2021 Apr 3. PMID: 33915377.

2020 Parenti V, **Huda F**, Richardson PK, Brown D, Aulakh M, Taheri MR. Lumbar arachnoiditis: Does imaging associate with clinical features? *Clin Neurol Neurosurg*. 2020 May;192:105717. doi: 10.1016/j.clineuro.2020.105717. Epub 2020 Feb 3. PMID: 32062307.

2019 Valand HA, **Huda F**, Tu RK. Chimeric Antigen Receptor T-Cell Therapy: What the Neuroradiologist Needs to Know. *AJNR Am J Neuroradiol*. 2019 May;40(5):766-768. doi: 10.3174/ajnr.A6042. Epub 2019 May 2. PMID: 31048298; PMCID: PMC7053909.

2017 Khanduri S, Chaudhary M, Sabharwal T, Usmani T, Goyal A, Khanduri S, Bhagat S, **Huda F**, Yadav S, Katyal G. A Low-Cost, Low-Skill Model for Efficient Breast Cancer Screening in Low Resource Rural Settings of a Developing Country. *Cureus*. 2017 Aug 16;9(8):e1571. doi: 10.7759/cureus.1571. PMID: 29057183; PMCID: PMC5642813.

2016 Khanduri S, **Huda F**, Kumar G, Shokeen P, Usmani T. Retroperitoneal Teratoma in infancy: A rare case. *Journal of evolution of Medical and Dental Sciences-JEMDS*. 2016 Aug 11;5(64):4602-5.

2015 Khanduri S, Agrawal D, Singh B, Varshney G, **Huda F**. Mounier Kuhn syndrome: a rare cause of bronchiectasis. *Journal of Evolution of Medical and Dental Sciences*. 2015 Jan 8;4(3):485-9.