

## CURRICULUM VITAE

### A. Farhad Hasan

#### WORK ADDRESS:

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### B. EDUCATION

MPH, Harvard School of Public Health, 2006  
Healthcare management  
M.D., University of Duhok (Iraq), 2000

### C. POSTGRADUATE TRAINING

07/2007-07/2010 Resident, Internal Medicine, Rochester General Hospital  
07/2013-07/2016 Clinical Fellow, Endocrinology, University of Virginia

### D. EMPLOYMENT AND FACULTY APPOINTMENTS

10/2002-09/2003 Medical Director, Primary Care Center (underserved areas), Iraq  
10/2023-02/2004 Senior Registrar, Internal Medicine, University of Duhok, Iraq  
02/2006-06/2007 Instructor in Public Health & Primary Care, University of Duhok, Iraq  
08/2010-07/2013 Academic Hospitalist, Rochester General Hospital  
07/2016-07/2018 Clinician Investigator and Assistant Professor, Division of Endocrinology, University of Virginia  
07/2018-present Core Faculty, Division of Endocrinology, Allegheny Health Network  
07/2019-present Associate Program Director, Endocrinology Fellowship Program, Allegheny Health Network

### E. BOARD CERTIFICATION

02/2006-present ECFMG Certification (#0-668-035-9)  
08/2010-present Board Certification, Internal Medicine, ABIM, (#313579)  
08/2010-present Federal DEA License (# FM2171659)  
11/2016-present Board Certification, Endocrinology, ABIM, (#313579)

07/2018-present Full Medical License, Commonwealth of Pennsylvania, MD464127

**F. MILITARY SERVICE**

N/A

**G. HONORS AND AWARDS**

07/2000 First Rank and Excellent Achievement Award, Univ of Duhok, Iraq  
07/2001 Chief Resident, Duhok Emergency Hospital, Iraq  
02/2004 Fulbright Scholarship (1st cohort from Iraq), US DOS  
07/2015 Chief Clinical Fellow, Endocrinology, Univ of Virginia  
07/2015 NIH's Ruth L. Kirschstein National Service Research Award,  
Univ of Virginia  
03/2016 Endocrine Society FLARE Award (Future Leaders Advancing  
Research in Endocrinology)

**H. MEMBERSHIPS AND OFFICES IN PROFESSIONAL SOCIETIES**

2007-2011 Member, American College of Physician  
2010-2013 Member, American Society of Hospital Medicine  
2013-present Member, Endocrine Society  
2013-2021 Member, American Association of Clinical Endocrinologists  
2019-present Member, Association of Program Directors in Endocrinology,  
Diabetes and Metabolism

**I. PROFESSIONAL COMMITTEES AND ADMINISTRATIVE SERVICE**

**1. Institutional:**

08/2010-07/2013 Member, IMRP residency selection committee, Rochester General  
Hospital  
08/2010-06/2013 Abstract Reviewer and Poster Judge, Rochester General Hospital  
08/2018- Co-director, Multidisciplinary Pituitary Center, Allegheny Health  
Network  
07/2018-07/2021 Subspecialty Education Coordinator, Endocrinology Fellowship,  
Allegheny Health Network  
2019- Member, Visiting Professor Selection Committee, AHN Medical  
Education Consortium, Allegheny Health Network  
07/2019- Core Faculty and APD, Endocrinology Fellowship,  
AHN Medical Education Consortium, Allegheny Health Network  
07/2019- Chair, Clinical Competency Committee, Endocrinology Fellowship,  
AHN Medical Education Consortium, Allegheny Health Network

07/2018- Abstract Reviewer, AHN Medical Education Consortium, Allegheny Health Network

**2. Extramural:**

10/2000- Member, Iraqi Kurdistan Medical Association

08/2006- Member, Harvard Alumni Association

08/2006- Member, Fulbright Alumni

08/2022- Reviewer, Western Pennsylvania ACP Poster Competition

**J. COMMUNITY SERVICE**

03/2003-06/2003 Volunteer physician, Bagera Med Ctr, Iraq (during Iraq War)

08/2010- Mentoring Medical students and applicants from Iraq who pursue Graduate medical training in the US

**K. EDUCATIONAL ACTIVITIES**

**1. Courses/Clerkships/Programs**

2018-2019 Course Director, Reverse Classroom (Endocrinology didactics for IM residents), Allegheny Health Network

07/2019-present Research Director, Endocrinology Fellowship, AHN Medical Education Consortium

07/2018-present Continuity Clinic Preceptor, Endocrinology Fellowship, AHN Medical Education Consortium, Allegheny Health Network

07/2018-present Presenter and participant, Wednesday Academic Half Days, Endocrinology Fellowship, AHN Medical Education Consortium

- Endocrine didactics lectures
- Journal clubs
- Case conference
- Endocrinology grand rounds (multiple presentations)
- Quality improvement series
- Morbidity and mortality conferences

2018-present Semi-annual combined Neurosurgery and Medicine Institute Grand Rounds on pituitary diseases

2019-present Lectures in Endocrinology to AHN neurosurgery residents

- Various topics

**2. Advising/Mentoring/Tutoring**

2010-2013 Resident Mentor/Advisor, IMRP, Rochester General Hospital

- 2018-present                      Research mentor/Advisor
- Endocrinology Fellowship, Allegheny Health Network
  - IM residents, Allegheny Health Network

**3. Educational Materials**

- 06/2010                              Developed DKA protocol that introduces basal insulin early during the course of DKA management in the ICU, Rochester General Hospital
- 09/2020-                              Authored Manual for Postoperative Endocrine Management of Pituitary Patients following transsphenoidal surgery, Endocrinology Fellowship & Division of Endocrinology, Allegheny Health Network
- 2019-                                      Compiled 50+ slides of pituitary MRI imaging for annual fellowship training in neuro-endocrinology, Allegheny Health Network
- 2019-                                      Research 101 for Endocrine Fellows, presented to incoming fellows yearly during orientation week, Allegheny Health Network

**L. CLINICAL ACTIVITIES**

**1. Major clinical activities**

- 08/2010-07/2013                      Hospitalist physician, General Medical Unit, Rochester General Hospital
- On service every other week
  - Responsibilities included being attending of records for patients admitted to Rochester General Hospital inpatient wards
  - Reason for leaving: start endocrinology fellowship training
- 07/2016-7/2018                        Attending Endocrinologist, Division of Endocrinology, University of Virginia
- One day a week of service in the endocrine clinic (the rest of the time was protected research time on NIH grant)
  - Reason for leaving: offered full-time job with Allegheny Health Network
- 07/2018-present                        Attending Endocrinologist, Division of Endocrinology, Allegheny Health Network
- 3.5 days per week of patient care in endocrine clinics
  - 1:7 weeks of endocrine inpatient consults services

## 2. Health care education of the lay community

08/2019 Metabolic Health talk to employees of Federated Hermes

### M. SUPPORT

0/72016-07/2018 NIH F32 grant, University of Virginia, PI

- Study: Mineralocorticoid receptor blockade to improve pan-arterial vascular function in Type 1 Diabetes
- \$67,410/yr of funding

### N. BIBLIOGRAPHY

#### Published papers

1. **Hasan FM**, Alsaahli M, Gerich JE. SGLT2 inhibitors in the treatment of type 2 diabetes. Diabetes research and clinical practice. 2014 Jun 1;104(3):297-322.
2. Santen R, **Hasan F**, Thoren K, Farooki A. Pituitary as a source of HCG: residual levels after bilateral testicular tumor removal. Journal of Investigative Medicine High Impact Case Reports. 2019 Apr;7:2324709619841414.
3. Jahn LA, Hartline LM, Kleiner AJ, Horton WB, **Hasan F**, Wai Kit Tan A, Liu Z, Barrett EJ. Insulin-induced vasoconstriction is prevalent in muscle microvasculature of otherwise healthy persons with type 1 diabetes. American Journal of Physiology-Endocrinology and Metabolism. 2023 May 1;324(5):E402-8.
4. Mastandrea K, Voica M, Tetlay M, **Hasan F**. Pituitary Apoplexy Secondary to Gonadotropin-Releasing Hormone Agonist for Breast Cancer. JCEM Case Reports. 2023 May;1(3):luad069.
5. Mittal A, Dimech C, **Hasan F**, Jaiswal G. Sclerosing Mucoepidermoid Cancer: A Unique Entity. Open Journal of Endocrine and Metabolic Diseases. Vol.14 No.5, May 2024

#### Books and chapters

1. **Hasan, F.**; Sheehan, J; Hong GK, Management of osteoporosis in a man with Cushing's disease and hypogonadotropic hypogonadism following successful transsphenoidal surgery. The Art of Neuroendocrinology: A Case-Based Approach to Medical Decision-Making (Book chapter, ISBN: 978-53610-929-0; Pub Date: 2017)

### **Other communications**

1. Harvard Ethics Training in Human Research (translated into Arabic) 2007

### **Abstracts**

1. Muthusamy K, Shrayyef MZ, Alsahli M, **Hasan F**, Messing S, Gerich JE. Relative efficacy and probability of achieving an HbA1c  $\leq 7\%$  with oral agents as add-ons to failed metformin monotherapy (poster and oral presentation at the city-wide poster competition, Rochester, NY) 2010
2. **Hasan F**, Polashenski P, Hite M. Outcomes of implementing a new DKA protocol at Rochester General Hospital: a retrospective chart review (Presented as hospital conference series & as abstract poster at the city-wide poster competition, Rochester, NY) 2010
3. Mohammed BN, **Hasan F**, Sterns RH. Revisiting the Effectiveness of Sodium Polystyrene Sulfate Use in Treating Hyperkalemia. Abstract poster presented at Kidney Week (Annual Meeting of the American Society of Nephrology), Atlanta, GA, 2013
4. **Hasan, F.**; Barrett, E.J.; Pheochromocytoma in Multiple Endocrine Neoplasia Type-1: A Case Report and Literature Review. Abstract presented at the Endocrine Society Annual Meeting, San Diego, CA, 2015.
5. Jahn, L.; Kleiner, A; Hartline, L.; **Hasan, F.**; Liu, Z; Barrett, E. Subjects with Type 1 Diabetes Demonstrate Metabolic and Microvascular Insulin Resistance Compared to Healthy Controls. Abstract presented at the 76th meeting of the American Diabetes Association, New Orleans, LA, 2016
6. Jahn L, **Hasan F**, Hartline L, Liu Z, Tan A, Barrett E. Dysfunctional muscle microvascular and aortic responses to insulin in type 1 diabetes. Abstract presented at the 77th meeting of the American Diabetes Association, San Diego, CA (1981-P—2017)
7. **Hasan F**, Jahn L, Hartline L, Barrett E. Spironolactone impairs metabolic and microvascular insulin sensitivity in persons with Type 1 diabetes. Abstract presented at the 2018 Endocrine Society Annual Meeting (ENDO 2018), March 17-20, Chicago, I
8. Tetlay, M.; **Hasan, F.**, Metastatic Paraganglioma Secondary to SDHB Gene Mutation: A Case Report and Review of New Therapies. J Endocr Soc. 2020 May 8; 4(Suppl 1): SAT-186. PMC7209419
9. Violago, J.; **Hasan, F.**, A Rare Combination of Severe Ectopic Cushing's Syndrome and Graves Hyperthyroidism: A Case Report. J Endocr Soc. 2020 May 8; 4(Suppl 1): SAT-146. PMC7209191
10. Mehmood, H.; **Hasan, F.**, Incidence and Phenotypes of Endocrinopathies in Association With Immune Checkpoint Inhibitors: The Experience of Integrated Health Network. J Endocr Soc. 2021 May 3; 5(Suppl 1): A1022. PMC8089224

11. Mehmood, H.; **Hasan, F.**; Denosumab Induced Severe Prolonged Hypocalcemia in Metastatic Prostate Cancer. *J Endocr Soc.* 2021 May 3; 5(Suppl 1): A190. PMC8089690
12. Voica, V.; Tetlay, M.; Thompson, DV; **Hasan, F.**, Recovery of Male Hypogonadism Following Successful Treatment of Prolactinoma: The Experience of an Integrated Health Network. *J Endocr Soc.* 2021 May 3; 5(Suppl 1): A632–A633. PMC8090698
13. Tipu, A.; **Hasan, F.**; Grimes, M; Familial Partial Lipodystrophy: A Case Study and Review of Recent Literature. *J Endocr Soc.* 2021 May 3; 5(Suppl 1): A308–A309. PMC8265984
14. Afreen, S., Mittal, A. and **Hasan, F.**, 2021. Neurosarcooidosis and the Pituitary. *Journal of the Endocrine Society*, 5(Supplement\_1), pp.A593-A594.
15. Voica, M.; Tetlay, M.; **Hasan, F.**; Pituitary Apoplexy Secondary to GnRH Agonist, Leuprolide, for Breast Cancer: A Case Study and Review of The Literature. *Endocrine Practice*, June 2021. 27(6):S108-S109.
16. Tipu, A.; **Hasan, F.**; Male Infertility Secondary To Robertsonian Translocation – A Case Study And Literature Review. *Endocrine Practice*, June 2021. 27(6):S137. ISBN: 1934-2403
17. Alvi, Z.; Mehmood, H.; **Hasan, F.**; Thyroid Dysgenesis and Congenital Hypothyroidism: A Case Study and Literature Review. *Endocrine Practice*, June 2021. 27(6):S181
18. Alvi, Z.; Vashistha, K.; Mehmood, H.; **Hasan, F.**; Severe Primary Hypothyroidism Causing Sudden Cardiac Arrest in a Male: A Case Report. *Endocrine Practice*, June 2021. 27(6):S182
19. Mittal A.; **Hasan F.**; Jaiswal G., Sclerosing Mucoepidermoid Cancer – A Unique Entity. *J Endocr Soc.* 2022 Nov 1; 6(Suppl 1): A813.
20. Dantey, K.; Tipu, A.; Verma, T; **Hasan, F.**; Frequency and outcomes of reporting Bethesda class III thyroid cytopathology- An integrated health network's experience. *J Endocr Soc.* 2022 Nov 1; 6(Suppl 1): A766. PMC9627250
21. Patadia, P; Chalasani, V; **Hasan, F.**; Thyroid sarcoidosis: case study and literature review. *J Endocr Soc.* 2022 Nov 1; 6(Suppl 1): A793–A794. PMC9627316
22. Mittal, A.; Alvi, Z; **Hasan, F.**; Incidence and Severity of Hypocalcemia in Association with Antiresorptive Therapy in Cancer Patients with Bone Metastasis: An Integrated Health Network Experience. *J Endocr Soc.* 2022 Nov 1; 6(Suppl 1): A199. PMC9624835
23. Mittal, A.; **Hasan, F.**; Growth hormone and prolactin co-secretion in acromegaly: a case study and review of the literature. *J Endocr Soc.* 2022 Nov 1; 6(Suppl 1): A515. ISBN: 2472-1972
24. Rabiei-Flori E, **Farhad H.** ODP324 Internal Carotid aneurysm inside a pituitary macroadenoma: case study and literature review. *Journal of the Endocrine Society.* 2022 Nov 1;6(Supplement\_1):A497-.

25. Vaghasia N, Yin Y, **Hasan F**. Post Discharge Treatment Practice And Outcomes Following Osteoporotic Hip Fracture - A Tertiary Care Center Experience. J Endocr Soc. 2023 Oct 5;7(Suppl 1):bvad114.391.