

## Resident Research Portfolio:

### Naveen Rathi:

1. **Rathi N**, McKay K, Ferrante M, Sous R, Ahmad S, Gorski U, Vierecke J, Pourriahi M, Cook J, Wang J, Cotarlan V. Title: *Recurrent EBV Myocarditis in a Heart Transplant Recipient associated with Posttransplant Lymphoproliferative Disorder (PTLD)*. 2024 American College of Cardiology (ACC) Conference, Apr 2024 in Atlanta, Georgia (Moderated Poster Presentation). Published in *JACC*. 2024 Apr, 83 (13\_Supplement) 2799. ([https://doi.org/10.1016/S0735-1097\(24\)04789-2](https://doi.org/10.1016/S0735-1097(24)04789-2))
2. **Rathi N**, Pham J, Liu B, Voll K. Title: Hypervirulent Klebsiella: A Case of Metastatic Infection. 2023 National American College of Physicians (ACP) Conference\*, Apr 2023 in San Diego, CA (Poster).
3. McKay K, **Rathi N\***, Adhikari S, Sibilia R, Pourriahi M, Shukla G, Das M. Title: *To ICD or Not to ICD - a Case of Cardiac Sarcoidosis and Non-Sustained Ventricular Tachycardia*. 2024 American Society of Nuclear Cardiology (ASNC), will present Sept 2024 in Austin, Texas.
4. Panahi S, **Rathi N**, Hurley J, Sundrud J, Lucero M, Kamimura A. *Patient Adherence to Health Care Provider Recommendations and Medication among Free Clinic Patients*. Journal of Patient Experience. 2022; 9. PMID: 35155751.
5. Peer-reviewed Book Chapter: ASAM Principles of Addiction Medicine, 7th Edition. Chapter 90, pp. 1376-1388. Published April 8, 2024. Wolters Kluwer publishing. (<https://www.asam.org/publications-resources/textbooks>)
  - a) Title: *“Renal and Metabolic Disorders Related to Substance Use”*
  - b) Authors: Sarah Gilligan and **Naveen Rathi**
6. Poetry: Poems published in medical arts journal *Rubor: Reflections on Medicine from the Wasatch Front* (<https://rubor.med.utah.edu/author/naveen-rathi/>)
  - a) Title: *“What’s in Your Hands?”*, 2023 Edition.

### Aviva Schuller:

#### Peer Reviewed Journal Articles Publications

**Atri-Schuller A**, Abushukair H, Cavalcante L, Hentzen S, Saeed A, Saeed A. Tumor Molecular and Microenvironment Characteristics in EBV-Associated Malignancies as Potential Therapeutic

Targets: Focus on Gastric Cancer. Curr Issues Mol Biol. November 2022; 44(11):5756-5767(10.3390/cimb44110390):1-12. Cited in PubMed; PMID: 36421674. Article URL: <https://pubmed.ncbi.nlm.nih.gov/36421674/>

Huynh LM, Keit E, **Atri Schuller A**. Impact of Statin Use on Overall and Time to Biochemical Failure Following Radical Prostatectomy or Radiation Therapy. World Journal of Urology. January 2021; 39(9):3287-3293 (10.1007):1-7. Cited in PubMed; PMID: 33502557. Article URL: <https://pubmed.ncbi.nlm.nih.gov/33502557/>

#### Peer Reviewed Journal Articles/Abstracts (Other than Published)

**Atri-Schuller A**, Zuzek A, Yaqub A. Debunking the Bimodal Theory of Autoimmunity: Grave's Disease (GD) Hyperthyroidism and Hashimoto's Disease (HD) Hypothyroidism can Coexist on a Spectrum. Journal of the Endocrine Society (JES). June 2024. Publication Status: Accepted/In-Press.

**Atri-Schuller A**, Zuzek A, Yaqub A. Autoimmunity on a Spectrum: Graves Disease (GD) Hyperthyroidism and Hashimoto's Disease (HD) Hypothyroidism can Coexist. JCEM Case Reports. July 2024.  
Publication Status: Submitted.

#### Poster Presentation

**Atri-Schuller A**, Zuzek A, Yaqub A. University of Cincinnati IM Research Symposium. Poster presented: Debunking the Bimodal Theory of Autoimmunity: Grave's Disease (GD) Hyperthyroidism and Hashimoto's Disease (HD) Hypothyroidism can Coexist on a Spectrum. Cincinnati, OH, United States of America; 03/27/2024. Event Link: <https://www.med.uc.edu/landing-pages/internal-medicine/research-symposium-2024>

**Atri-Schuller A**, Zuzek A, Yaqub A. ENDO 2024. Poster presented: Debunking the Bimodal Theory of Autoimmunity: Grave's Disease (GD) Hyperthyroidism and Hashimoto's Disease (HD) Hypothyroidism can Coexist on a Spectrum. Boston, MA, United States of America; 06/03/2024. Event Link: <https://www.endocrine.org/meetings-and-events/endo-2024>

#### Oral Presentation

**Atri-Schuller A**, Zuzek A, Yaqub A. Debunking the Bimodal Theory of Autoimmunity: Grave's Disease (GD) Hyperthyroidism and Hashimoto's Disease (HD) Hypothyroidism can Coexist on a Spectrum. Oral presentation: ORRSE 4th Annual Meeting; 07/27/2024. Lewis Center, OH,

United States of America. Event Link:

<https://endoconnection.com/orr/meetings/annual/schedule>

**Kelly McKay:**

- McKay KR, et al. A Case of Ventricular Fibrillation Arrest After Immune Checkpoint Inhibitor Therapy. *Circulation* 148 (Suppl. 1): abstr. 17199, Nov 2023. Available from: URL: [https://dx.doi.org/10.1161/circ.148.suppl\\_1.17199](https://dx.doi.org/10.1161/circ.148.suppl_1.17199)
- McKay, K, Ferrante, M, Tran, A. et al. SET IN STONE: A CASE OF CEMENT PULMONARY EMBOLISM AND RIGHT ATRIAL THROMBUS. *JACC*. 2024 Apr, 83 (13\_Supplement) 4454. [https://doi.org/10.1016/S0735-1097\(24\)06444-1](https://doi.org/10.1016/S0735-1097(24)06444-1)  
The Many Faces of Cardiac Involvement in Sarcoidosis. McKay, Kelly et al., *Journal of Nuclear Cardiology*, Volume 38, 101995
- Retrospective analysis of patients with PE - demographics, management, and outcomes from a large academic referral center (early data presented at PERT 2023, more recent data accepted to AHA 2024)
- A case of Impella without anticoagulation in the setting of intracranial hemorrhage (TCT 2024)
- A case of effusive constrictive pericarditis with conflicting diagnostics (Ohio ACP 2024)
- To ICD or not to ICD - a case of cardiac sarcoidosis with NSVT (ASNC 2024)
- A case of palliative thrombectomy (PERT 2023)

**Rowis Sous:**

1. Mathew, A., Huber, A., **Sous, R.**, Weghorn, K., Powers-Fletcher, M., Jose, S., Madan, R.. Effect of leptin receptor q223r polymorphism on *Clostridioides difficile* infection-induced macrophage migration inhibitory factor production. *Journal of Infectious Disease*. April 2024. doi: 10.1093/infdis/jiae141
2. **Sous, R.**, Venter, F., Adebayo, M., Torrico, T., Bajaj, T., Karapetians, N., Heidari, A., Cobos, E., Petersen, G.. A Case of Disseminated Histoplasmosis from California, in the setting of secondary Hemophagocytic Lymphohistiocytosis, a Diagnostic Challenge. *Journal of Investigative Medicine High Impact Case Reports*. February 2023. doi:10.1177/23247096231156007
3. **Sous, R.**, Levkiayska, Y., Sharma, R., Jariwal, R., Medina, D., Johnson, R., Heidari, A., Kuran, R.. Two Cases of Miliary & Disseminated Coccidioidomycosis Following Glucocorticoid Therapy & Literature Review. *Journal of Investigative Medicine High Impact Case Reports*. January 2022. doi:10.1177/23247096211051928

### **Hannah Dempsey:**

"Experiences of Healthcare Workers with a Chronic Illness or Disability During the COVID-19 Pandemic", presentation at the Eastern Sociological Society Conference 2024

She also wrote a book chapter about the same original research that is currently going through publishing. The book is entitled "Research in Social Science and Disability Volume 16".

### **Verda Arshad:**

- Arshad V, AkbarShahi N, Ahmad SS. Posterior Mediastinal Hematoma as a Rare Complication of Anti-Coagulation Use - A Case Report and Literature Review. *Circulation*. October 2022;146(Suppl\_1):N/A. Pub Status: Published.  
Article URL: [https://www.ahajournals.org/doi/10.1161/circ.146.suppl\\_1.15645](https://www.ahajournals.org/doi/10.1161/circ.146.suppl_1.15645)
- Arshad V, Saleem M, Jilani MH, Harris DM.. Unruptured Interventricular Septal Pseudoaneurysm - a Rare Complication of Blunt Cardiac Injury. *Journal of the American College of Cardiology*. March 2023;81(8):suppl A. Pub Status: Published.  
Article URL: <https://www.jacc.org/doi/full/10.1016/S0735-1097%2823%2904382-6>
- Saleem M, Arshad V, Nabavizadeh P, Alhasan F, Do DH, Afzal MR, Weiss R, Costea A. Subcutaneous versus Transvenous Implantable Defibrillator Recipients: A Systematic Review and Meta-Analysis. *Circulation*. October 2022;146(number suppl\_1):N/A. Pub Status: Published.  
Article URL: [https://www.ahajournals.org/doi/abs/10.1161/circ.146.suppl\\_1.15112](https://www.ahajournals.org/doi/abs/10.1161/circ.146.suppl_1.15112)

### **Monica Ferrante:**

- Ferrante, M, McKay, K, Ahmad, S. Aspiration Thrombectomy Outcomes in Non-Surgical Candidates with Infective Endocarditis. *J Am Coll Cardiol*. 2024 Apr, 83 (13\_Supplement) 932. [https://doi.org/10.1016/S0735-1097\(24\)02922-X](https://doi.org/10.1016/S0735-1097(24)02922-X)
- Ferrante, M, Rao, S, Adhikari, S. et al. Shock or Shunt: A Case of Partial Anomalous Pulmonary Venous Return Confounding Evaluation of Shock. *J Am Coll Cardiol*. 2024 Apr, 83 (13\_Supplement) 3104. [https://doi.org/10.1016/S0735-1097\(24\)05094-0](https://doi.org/10.1016/S0735-1097(24)05094-0)
- Ferrante, M, McKay, K, Rathi, N. et al. Not Out of the Woods: Coexistence of Giant Cell Myocarditis and West Nile Virus. *J Am Coll Cardiol*. 2024 Apr, 83 (13\_Supplement) 3183. [https://doi.org/10.1016/S0735-1097\(24\)05173-8](https://doi.org/10.1016/S0735-1097(24)05173-8)
- Ferrante, M, Kaphle, R, Brar, A, Chen S, VanBerkum, M, DeMott, J and O'Donnell, RE. Triple Trouble: Pulmonary Arterial Hypertension, Moyamoya, and Aortic Coarctation, Oh My! (abstract). *Am J Respir Crit Care Med* 2024;209:A6039.

- Ferrante M, McKay K, Ahmad S. Not All Shock is Created Equal (abstract). Society for Cardiovascular Angiography & Interventions Shock 2023 Oct, Dallas, TX.
- Ferrante, M, McKay, K, Rathi, N, Patel, S, Moseley, A, O'Donnell, R. Four is a Crowd: A Case of Quadricuspid Aortic Valve in and Octogenarian (Accepted to ACP this year)
- Ferrante M, McKay, K, Jensen, W, Howard, G, Elwing J, Louse, L, Ahmad, S, Bennett, S, Ramser, E, Gomez-Arroyo, J. Initial Serum Creatinine as a Predictive Biomarker of Risk Stratification and Clinical Outcomes in Acute Pulmonary Embolism (Presenting at CHEST this year)
- Monica Ferrante, DO, Kelly McKay, DO, Jennifer L Cook, MD, Samuel Vester, MD, Louis Louis, MD, Antonio Panza, MD and Saad S Ahmad, M.D., FSCAI3. All Hands on Deck: Utilizing a Multidisciplinary Approach in Refractory Cardiogenic Shock (Presenting at SCAI Shock this year)
- Monica Ferrante DO, Kelly McKay DO, Anna Schwarz MD, Bader Alhafez MD, Charles Hattemer MD. Cold Extremities and Warm-Antibodies: A Case Report of Acute Cardiogenic Shock in the Setting of Myocardial Infarction and Autoimmune Hemolytic Anemia (Presenting at TCT next month)

#### **William Phillips**

- **Phillips W**, Aurelio J, Kimata C, Kao J. (2024) Assessing the Mortality Risk of Clopidogrel Use in a Majority East Asian Population Undergoing Coronary Stent Placement. To be presented at the ACP Ohio/US Air Force Annual Scientific Meeting Oct. 17-18, 2024.
- **Phillips W**, Prasad R. (2024) Management of Spontaneous Coronary Artery Dissection Secondary to Fibromuscular Dysplasia. JACC: Complex Clinical Cases 83;13. Also presented at The American College of Cardiology 2024 Scientific Sessions April 6, 2024.
- **Phillips W**, Nabavizadeh P, Sibilila R, Yu M, Jocson V, Gorski U, Rajsheker S, Mann J (2024) Wide Complex Tachycardia and Syncope in a Young Woman with a Family History of Sudden Death. Presented at the Thirteenth Annual Department of Internal Medicine Research Symposium at University of Cincinnati March 25, 2024.

#### **Thomas Knoerl:**

Welch A, Knoerl T, Koprass E, Jandarov R, Corathers S, Falciglia M. The American Diabetes Association 84th Scientific Sessions. Poster presented: The Challenge of Obtaining Diabetes Technology Supplies in Adults with Type 1 Diabetes. Orlando, FL, United States of America; 06/22/2024.

#### **Matthew Still:**

Clearing the Air: Non-Surgical Resolution of Pneumatosis in Scleroderma. ACG 2024 Poster. Matthew Still, DO, Jeevin Sandhu, DO, Bianca Chang, MD

**Shivani Patel:**

Patel SU, Rathi N, McKay K, Ferrante M, Effat M. Unusual Presentation of ST Segment Elevation Mimicking Myocardial Infarction in a Patient with Lung Carcinoma. Ohio American College of Physicians. April 2024.

Patel SU, Adhikari S, Harris DM. Unmasking Fluid Overload-Associated Large B-Cell Lymphoma: A Diagnostic Challenge in Unknown Pericardial Effusions . Journal of American College of Cardiology Complex Clinical Cases. April 2024;83(13):3347.

**Rachel Odin:**

Dunaway S., Odin R., Zhou L., Ji L., Zhang Y., and Kadekaro A.L.. Natural Antioxidants: Multiple Mechanisms to Protect Skin From Solar Radiation. Frontiers in Pharmacology. April 2018; 9(392):1-14. Cited in PubMed; PMID: 29740318.

Iding J, Agarwal P, Zhang S, Odin R, Bernstein JA, Zimmermann N. Standardized quantification of mast cells in the gastrointestinal tract in adults.. Journal of Allergy and Clinical Immunology. October 2023; 12(2):472-481. Cited in PubMed; PMID: 37918653. Article URL: [https://www.jaci-inpractice.org/article/S2213-2198\(23\)01200-X/abstract](https://www.jaci-inpractice.org/article/S2213-2198(23)01200-X/abstract)

Odin R, Bernstein J. The Importance of Shared Decision Making Demonstrated in Patients with Hereditary Angioedema. The Journal Of Allergy and Clinical Immunology. February 2024; 153(2):AB87.

Article URL: [https://www.jacionline.org/article/S0091-6749\(23\)01781-5/fulltext](https://www.jacionline.org/article/S0091-6749(23)01781-5/fulltext)

Poster Presentation:

Odin R, Bernstein J. American Academy of Allergy Asthma and Immunology 2023. Poster presented: Rituximab Used to Treat Chronic Urticaria in Patients with Progesterone Hypersensitivity. . San Antonio, TX, United States of America; 02/25/2023.

Odin R, Bernstein J. American Academy of Allergy Asthma and Immunology Meeting 2024. Poster presented: The Importance of Shared Decision Making Demonstrated in Patients with Hereditary Angioedema. . Washington DC, DC, United States of America; 02/23/2024.

