

# VIP Virtual Rheumatology Practicum— Adult

Date	Time (EST)	Topic	Speaker	Reading Material(s)
Thursday, July 14 Lecture 1	10:30 AM	<b>Approach to Patient with Rheumatic Conditions</b> <i>Learning Objectives:</i> 1. Identify key elements from history and physical examination to localize MSK symptoms 2. Differentiate between inflammatory and noninflammatory arthritis 3. Implement a systematic approach to distinguishing and diagnosing different patterns of inflammatory arthritis 5. Use data from the history and physical examination to inform a hypothesis-driven selection of labs and studies	<b>Mary (Mimi) Margaretten, MD, MAS</b> <i>UCSF</i>	
	11:30 AM	<b>Osteoarthritis: Clinical Review</b> <i>Learning Objectives:</i> 1. Discuss the epidemiology and clinical characteristics of osteoarthritis 2. To review the pathophysiology and risk factors for osteoarthritis 3. Discuss the therapeutic management options for osteoarthritis	<b>Jean Liew, MD, MS</b> <i>Boston University School of Medicine</i>	<a href="https://pubmed.ncbi.nlm.nih.gov/33560326">https://pubmed.ncbi.nlm.nih.gov/33560326</a>  <a href="https://pubmed.ncbi.nlm.nih.gov/35410675/">https://pubmed.ncbi.nlm.nih.gov/35410675/</a>
Monday, July 18 Lecture 2	10:30 AM	<b>Rheumatoid Arthritis -Diagnosis and Epidemiology</b> <i>Learning Objectives:</i> 1. Review the epidemiology and prognosis of articular and extra-articular features of rheumatoid arthritis 2. Discuss risk factors for the development of rheumatoid arthritis 3. To review the process for diagnosing rheumatoid arthritis	<b>Bryant England, MD, PhD</b> <i>Univ of Nebraska Medical Center</i>	
	11:30 AM	<b>Rheumatoid Arthritis 2022 Treatment Update</b> <i>Learning Objectives:</i> 1. Explain the mechanism of action of the various disease modifying therapies (DMARDs) that are FDA approved for the treatment of RA 2. Compare adverse event profiles of the various DMARDs for RA 3. To integrate new ACR treatment guidelines for RA into patient management	<b>Michael E. Weinblatt, MD</b> <i>Brigham and Women's Hosp</i>	Fraenkel L et al. 2021 ACR Guidelines for the treatment of rheumatoid arthritis. <i>Arthritis Care and Research</i> 73:924-939, 2021

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<b>Thursday, July 21</b> <b>Lecture 3</b>	10:30 AM	<b>Spondyloarthritis</b> <i>Learning Objectives:</i> <ol style="list-style-type: none"> <li>1. Recognize key features of spondyloarthritides</li> <li>2. Outline the classification schema for spondyloarthritides</li> <li>3. Discuss a general approach to the treatment of spondyloarthritis</li> </ol>	<b>Mark Hwang, MD, MS</b> <i>UTHSC at Houston</i>  <u>Reading Materials</u>  Taurog JD, Chhabra A, Colbert RA. Ankylosing Spondylitis and Axial Spondyloarthritis. <i>N Engl J Med.</i> 2016 Jun 30;374(26):2563-74. doi:10.1056/NEJMra1406182. PMID: 27355535  Ogdie A, Duarte-García A, Hwang M, Navarro-Compán V, van der Heijde D, Mease P. Measuring Outcomes in Axial Spondyloarthritis. <i>Arthritis Care Res (Hoboken).</i> 2020 Oct;72 Suppl 10:47-71. doi: 10.1002/acr.24266. PMID:33091248.	Ward MM, Deodhar A, Gensler LS, Dubreuil M, Yu D, Khan MA, Haroon N, Borenstein D, Wang R, Biehl A, Fang MA, Louie G, Majithia V, Ng B, Bigham R, Pianin M, Shah AA, Sullivan N, Turgunbaev M, Oristaglio J, Turner A, Maksymowych WP, Caplan L. 2019 Update of the American College of Rheumatology/Spondylitis Association of America/Spondyloarthritis Research and Treatment Network Recommendations for the Treatment of Ankylosing Spondylitis and Nonradiographic Axial Spondyloarthritis. <i>Arthritis Care Res (Hoboken).</i> 2019 Oct;71(10):1285-1299. doi: 10.1002/acr.24025. Epub 2019 Aug 21. PMID: 31436026; PMCID: PMC6764857.
	11:30 AM	<b>Psoriatic Arthritis</b> <i>Learning Objectives:</i> <ol style="list-style-type: none"> <li>1. Recognize key features of psoriatic arthritis</li> <li>2. Outline the classification schema for psoriatic arthritis</li> <li>3. Discuss a general approach to the treatment of psoriatic arthritis</li> </ol>	<b>Alexis Ogdie, MD</b> <i>Univ of Pennsylvania</i>	
<b>Monday, July 25</b> <b>Lecture 4</b>	10:30 AM	<b>Crystalline Arthritis</b> <i>Learning Objectives:</i> <ol style="list-style-type: none"> <li>1. Recognize clinical manifestations and diagnostic approaches to gout</li> <li>2. Employ evidence-based gout management options</li> <li>3. Identify opportunities for shared decision-making in gout</li> </ol>	<b>Michael Pillinger, MD</b> <i>New York Univ School of Medicine</i>	
	11:30 AM	<b>MSK Radiology</b> <i>Learning Objectives:</i> <ol style="list-style-type: none"> <li>1. Develop a systematic approach to the interpretation of plain radiographs in the evaluation of arthritis</li> <li>2. Describe the plain radiographic features of the most common arthropathies</li> <li>3. Apply your knowledge to make a diagnosis of arthritis</li> </ol>	<b>Beth Jonas, MD</b> <i>Univ of North Carolina Hospital</i>	

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<b>Thursday, July 28</b> <b>Lecture 5</b>	10:30 AM	<b>Lupus</b> <i>Learning Objectives:</i> 1. Recognize the clinical heterogeneity of SLE 2. Describe the pathogenesis of SLE 3. Review classification criteria and disease activity measures 4. Discuss SLE treatment options	<b>Parastoo Fazeli, MD</b> <i>Univ of Minnesota</i>	
	11:30 AM	<b>Lupus Nephritis</b> <i>Learning Objectives:</i> 1. Review general management for SLE patients suspected of having kidney involvement 2. Review current options for induction therapy in LN 3. Review current options for maintenance therapy in LN 4. Highlight novel therapies being tested for LN	<b>S. Sam Lim, MD, MPH</b> <i>Emory Univ</i>	
<b>Monday, August 1</b> <b>Lecture 6</b>	10:30 AM	<b>Large Vessel Vasculitis</b> <i>Learning Objectives:</i> 1. To recognize extra-cranial manifestations of Giant Cell Arteritis 2. To discuss the role of imaging in the diagnosis of large-vessel vasculitis 3. To discuss treatment of large-vessel vasculitis	<b>Peter Grayson, MD, MSc</b> <i>National Institutes of Health (NIH)</i>	
	11:30 AM	<b>Small Vessel Vasculitis</b> <i>Learning Objectives:</i> 1. Describe the different types of small vessel vasculitis, such as ANCA-associated vasculitis and IgA vasculitis, using Chapel Hill Nomenclature as a guide 2. Discussed clinical manifestations that might suggest small vessel vasculitis. 3. Discuss the workup and early management of suspected small vessel vasculitis	<b>Philip Seo, MD, MHS</b> <i>John Hopkins Univ</i>	
<b>Thursday, August 4</b> <b>Lecture 7</b>	10:30 AM	<b>Osteoporosis</b> <i>Learning Objectives:</i> 1. Describe a diagnostic approach to osteoporosis 2. Review data supporting use of calcium and vitamin D supplements 3. Discuss potential benefits and risks of bisphosphonates and denosumab 4. Review newer anabolic approaches to osteoporosis 5. Examine data on glucocorticoid induced osteoporosis	<b>Chad Deal, MD</b> <i>Cleveland Clinic</i>	
	11:30 AM	<b>Rheumatologic Emergencies</b> <i>Learning Objectives:</i> 1. Review urgent evaluation and treatment of transverse myelitis and neuromyelitis optica 2. Examine approach to diagnosis and treatment of new onset	<b>Erin Wilfong, MD, PhD</b> <i>Vanderbilt Univ Medical Center</i>	

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Monday, August 8 Lecture 8	10:30 AM	<b>Scleroderma</b> <i>Learning Objectives:</i> <ol style="list-style-type: none"> <li>1. Correctly classify scleroderma subtypes</li> <li>2. Identify manifestations of systemic sclerosis across multiple organ systems</li> <li>3. Initiate appropriate treatment for systemic sclerosis by manifestation</li> </ol>	<b>Ankooor Shah, MD</b> <i>Duke University</i>	
	11:30 AM	<b>Inflammatory Myopathies</b> <i>Learning Objectives:</i> <ol style="list-style-type: none"> <li>1. Review different types of inflammatory myopathies with their clinical features</li> <li>2. Describe the pathogenesis of inflammatory myopathies</li> <li>3. Review diagnosis of inflammatory myopathies with relevant pathology findings</li> <li>4. Discuss inflammatory myopathies treatment options</li> </ol>	<b>Iazsmin Ventura, MD, MS</b> <i>Univ of Chicago</i>	
Thursday, August 11 Lecture 9	10:30 AM	<b>Fibromyalgia and Chronic MSK Pain</b> <i>Learning Objectives:</i> <ol style="list-style-type: none"> <li>1. Review pain transmission pathways</li> <li>2. Identify central mechanisms of chronic pain</li> <li>3. Recognize the symptoms of fibromyalgia and review treatment options</li> </ol>	<b>Yvonne Lee, MD, MMSc</b> <i>Northwestern Univ</i>	
	11:30 AM	<b>Sjögren's Disease</b> <i>Learning Objectives:</i> <ol style="list-style-type: none"> <li>1. List the cardinal features of Sjögren's</li> <li>2. Appreciate the autoimmune pathogenesis of Sjögren's</li> <li>3. Describe possible complication of Sjögren's</li> <li>4. Detail an approach to management of patients with sicca symptoms and Sjögren's</li> </ol>	<b>Alan Baer, MD</b> <i>John Hopkins Univ</i>	
Monday August 15 Lecture 10	10:30 AM	<b>Antiphospholipid Syndrome (APS)</b> <i>Learning Objectives:</i> <ol style="list-style-type: none"> <li>1. Provide a brief historical perspective</li> <li>2. Discuss clinical manifestations and approaches to treatment</li> <li>3. Discuss APS and COVID-19</li> </ol>	<b>Yu (Ray) Zuo, MD</b> <i>Univ of Michigan</i>	
	11:30 AM	<b>COVID and the Rheumatology Patient</b> <i>Learning Objectives:</i> <ol style="list-style-type: none"> <li>1. Identify the risk of COVID-19 outcomes in patients with rheumatologic disease</li> <li>2. Appreciate the risk and benefit of vaccination in patients with rheumatologic disease</li> <li>3. Review the approach to use of prophylactic monoclonal antibodies and treatment of COVID-19 in patients with rheumatologic disease</li> <li>4. Discuss MIS-C and MIS-A in patients with COVID-19</li> </ol>	<b>Alfred Kim, MD, PhD</b> <i>Washington Univ School of Medicine</i>	

Date	Time (EST)	Topic	Speaker	
Thursday, August 18 Lecture 11	10:30 AM	<b>Case-based Immunology for Rheumatologists</b> <i>Learning Objectives:</i> 1. Refresh knowledge of the basic structure and functions of the immune system in a clinically relevant way 2. Describe the difference between autoimmunity and autoinflammation 3. Gain insight into disease mechanisms and therapeutic targeting for common rheumatic diseases	<b>Mazen Nasrallah, MD, MSc</b> <i>North Shore Medical Center</i>	
	11:30 AM	<b>Reproductive Health</b> <i>Learning Objectives:</i> 1. Familiarize trainees with a data on reproductive health counseling occurrence in rheumatology clinics and draw attention to helpful tools to be used for counseling patients with lupus 2. Discuss immunologic and physiologic changes in pregnancy that may affect autoimmunity 3. Discuss data on pregnancies affecting rheumatoid arthritis and systemic lupus and features that portend a poor prognosis 4. Discuss the safety data on selected rheumatologic medications in pregnancy and what steps should be taken when pregnancy is desired in a patient with rheumatic disease	<b>JoAnn Zell, MD</b> <i>Univ of Colorado</i>	

Dates of topics are subject to change.