

COVID-19 ECHO Program

COVID-19 Vaccine Considerations for Immunocompromised Populations

Thursday, April 8, 2021

11 AM – 12 PM (EST)

Medical Director/Facilitator: Gavin Harris, MD

Expert Panelists:

Carlos del Rio, MD – HIV

Arezou Khosroshahi, MD – Rheumatology

Amelia Langston, MD – Hematology & Oncology

Stephanie Pouch, MD, MS – Transplants

Andi Shane, MD, MPH, MSc – Pediatric infections

Target Audience: Anyone working with adult or pediatric immunocompromised patients (HIV, transplant, rheumatology, hematology/oncology, etc.), such as doctors, nurses, etc.

Clinic Objectives:

- To address providers' concerns around recommending the COVID-19 vaccine to immunocompromised patients;
- To utilize cases to exemplify how practitioners approach and manage the COVID-19 vaccines with their patients;
- To empower practitioners to answer their patients' questions about the COVID-19 vaccine.

Registration details: https://zoom.us/webinar/register/WN_d5il03IXToev1894-C8obQ

ECHO Session: COVID-19 Vaccine Considerations for Immunocompromised Populations		
Thursday, April 8, 2021 from 11:00 am – 12:00 pm (EST)		
Time	Topic	Presenter
11:00 - 11:05	Welcome, Announcements, Introductions	Harris
11:05-11:25	Expert Presentations	
11:05-11:10	<i>HIV</i>	<i>Carlos Del Rio</i>
11:10-11:15	<i>Rheumatology</i>	<i>Arezou Khosroshahi</i>
11:15-11:20	<i>Hematology/Oncology</i>	<i>Amelia Langston</i>
11:20-11:25	<i>Transplants</i>	<i>Stephanie Pouch</i>
11:25-11:30	<i>Pediatrics</i>	<i>Andi Shane</i>
11:30 - 11:55	Discussion Forum/Q&A <i>Webinar audience to submit questions, Harris will moderate discussion among experts</i>	All experts, facilitated by Harris
11:55 - 12:00	Wrap-up	Harris

Bios:

This session will be audio and video recorded. Your participation confirms your consent to this recording. If you have any questions please contact scdp.echo@emory.edu.

Carlos del Rio, MD

Executive Associate Dean

Distinguished Professor of Medicine in the Division of Infectious Diseases,

Emory University School of Medicine

Professor of Epidemiology and Global Health, Rollins School of Public Health of Emory Univ.

Carlos del Rio, MD is a Distinguished Professor of Medicine in the Division of Infectious Diseases at Emory University School of Medicine and Executive Associate Dean for Emory at Grady. He is also Professor of Global Health and Professor of Epidemiology at the Rollins School of Public Health. He is co-Director of the Emory Center for AIDS Research (CFAR) and co-PI of the Emory-CDC HIV Clinical Trials Unit and the Emory Vaccine and Treatment Evaluation Unit. Dr. del Rio is a native of Mexico where he attended medical school at Universidad La Salle, graduating in 1983. He did his Internal Medicine and Infectious Diseases residencies at Emory University. Dr. del Rio was Chief of the Emory Medical Service at Grady Memorial Hospital from 2001 - 2009 and Chair of the Hubert Department of Global Health from 2009 - 2019. Dr. del Rio's research focuses on the early diagnosis, access to care, engagement in care, compliance with antiretrovirals and the prevention of HIV infection. He has worked for over a decade with hard-to-reach populations including substance users to improve outcomes of those infected with HIV and to prevent infection with those at risk. He is also interested in the translation of research findings into practice and policy. Dr. del Rio was a member of the WHO Influenza A(H1N1) Clinical Advisory Group and of the CDC Influenza A(H1N1) Task Force during the 2009 pandemic.

During the COVID-19 pandemic Dr. del Rio has been a leader locally and nationally, doing research, developing policies, writing scientific publications and making countless media appearances. Dr. del Rio has advised municipal, state, and national leaders including Atlanta Mayor Keisha Lance Bottoms, Tyler Perry Studios, the NCAA, the USTA, Delta Air Lines, Truist Bank, the Atlanta Symphony Orchestra and the Atlanta Opera among others. He also serves on the national advisory committee of the COVID Collaborative, which focuses on developing consensus recommendations and engaging with U.S. leaders on effective policy and coronavirus response. Lastly, Dr. del Rio is an investigator on the Moderna COVID-19 vaccine clinical trial as well as on the ACTT Studies that led to the approval of Remdesivir among other drugs.

Arezou Khosroshahi, MD

Associate Professor of Medicine, Emory University School of Medicine

Dr. Arezou Khosroshahi received her medical degree from Tehran University Medical School in Iran. After finishing a postdoctoral research fellowship in the Transplantation Center at the Brigham and Womens Hospital, Harvard Medical School, she completed her internal medicine training at St. Lukes-Roosevelt Hospital Center, Columbia University. Upon completion of her clinical rheumatology fellowship at Massachusetts General Hospital, she became involved in exciting clinical research focused on a newly recognized condition called IgG4-related disease (IgG4-RD). Their group was one of the first in the country to become aware of and focus on this condition.

Dr. Khosroshahi's efforts to understand different aspects of IgG4-RD over the past ten years have led to important contributions to the field of IgG4-RD, including adding new clinical manifestations to the list of organs involved with this protean disease and its responsiveness to B cell depletion. She co-directed the first two international symposiums on IgG4-RD to bring investigators from all around the world together and helped to establish the name of the disease, pathology statements for the diagnosis of this condition, and guidelines on the management of IgG4-RD. She is currently an active member of

an international committee for the development of classification criteria and validation of IgG4-RD responder index.

Dr. Khosroshahi has established an IgG4-RD clinic at Emory since her arrival in 2013. This clinic is one of the few in the United States to evaluate and treat patients with IgG4-RD. Patients have the option to participate in multiple research projects related to this condition. She has developed close collaboration between clinicians in multiple specialties at Emory and scientists in Emory's Lowance Immunology Center to be able to diagnose, treat, and investigate many unknowns in regards to this novel condition.

She has been involved in Lupus Clinic at Grady Hospital for the past six years and recently established a new lupus clinic at Emory. She is the principal investigator for different clinical trials in lupus and is working closely with her colleagues Drs. Lim and Sanz to help understand many different aspects of lupus, with particular interest in treatment.

Dr. Khosroshahi has a particular interest in clinical education and works closely with Emory medical students, residents, and fellows at Grady Memorial Hospital and Emory University. She serves as the associate program director for the rheumatology fellowship at Emory University.

Amelia Langston, MD

Professor of Hematology and Medical Oncology, Winship Cancer Institute of Emory University

Amelia Langston is a Professor and Executive Vice-Chair of the Department of Hematology and Medical Oncology, and Medical Director of the Bone Marrow and Stem Cell Transplant Program at the Winship Cancer Institute, Emory University School of Medicine. She is also a vice-chair of the Emory University Institutional Review Board and a member of the School of Medicine Admissions Committee. She also belongs to numerous professional societies including the American Society of Hematology, the American Society of Clinical Oncology, and the American Society for Blood and Marrow Transplantation.

Dr. Langston received her B.A. from Williams College, Williamstown, Massachusetts. She received her M.D. from Washington University in St. Louis, Missouri. She completed her residency in Internal Medicine at Duke University Medical Center, Durham, North Carolina, followed by a Medical Oncology fellowship at the University of Washington Hospitals.

Dr. Langston's research interests include novel strategies for autologous and allogeneic stem cell transplantation, use of biologically targeted agents for therapy of hematologic malignancies, and prevention and treatment of opportunistic infections in immunocompromised patients. She has over a hundred published research articles in peer-reviewed journals, including the *New England Journal of Medicine*, *Blood*, *Journal of Clinical Oncology*, and *Bone Marrow Transplantation*.

Stephanie Pouch, MD, MS, FAST

Associate Professor of Medicine, Emory University School of Medicine

Dr. Pouch received her MD from Temple University School of Medicine in 2007. She completed her internship and residency in internal medicine at the University of Chicago, served as a chief resident at the John H. Stroger, Jr. Hospital of Cook County, and completed fellowship training in infectious diseases at Columbia University Medical Center. While at Columbia, Dr. Pouch obtained a Master of Science in Biostatistics at the Mailman School of Public Health. She joined the Emory University Division of Infectious Diseases in 2017. Her clinical interests include multidrug resistance and donor-derived infections. Dr. Pouch is an active member of the American Society of Transplantation, where she serves as past chair of the Infectious Disease Community of Practice's Multidrug-Resistant Organisms Workgroup, as well as the International Society for Heart & Lung Transplantation and The Transplantation Society.

Andi Shane, MD, MPH, MSc

*Professor of Pediatrics and Division Chief, Division of Pediatric Infectious Disease
Marcus Professor of Hospital Epidemiology and Infection Control
Emory University School of Medicine and Children's Healthcare of Atlanta*

Dr. Shane is a pediatric infectious disease physician who has a passion for the prevention of infectious disease in children both locally and internationally. Originally from South Africa, she has spent the last 14.5 years of her academic career at Emory University School of Medicine and Children's Healthcare of Atlanta.

She completed her undergraduate degree in the Biological Basis of Behavior at the University of Pennsylvania followed by completion of her MPH at the Mailman School of Public Health at Columbia University in New York City. Her medical education was completed at the Louisiana State University School of Medicine in New Orleans and her pediatric residency and chief residency at the Albert Einstein College of Medicine/ Montefiore in the Bronx, New York. Dr. Shane was an Epidemic Service Intelligence Officer at the Centers for Disease Control and Prevention from 2001-3, a fascinating time to be engaged in public health. She completed her pediatric infectious disease fellowship at the University of California, San Francisco. She was a KL2 recipient and completed her Master of Science in Clinical Research degree at Emory in 2009.

Since joining, she has tried to pay forward the mentoring and guidance that others have provided to her during her career. She serves as an Associate Editor for the *Journal of the Pediatric Infectious Diseases Society (JPIDS)*, after serving as the cover art editor for 5 years. She currently divides her time among serving as the Division Chief of the Division of Pediatric Infectious Disease, her responsibilities as the Marcus Professor of Hospital Epidemiology and Infection Prevention for the Children's Healthcare of Atlanta system, caring for patients, clinical research, teaching, mentoring, and advancing a local and international child health agenda.

Gavin Harris, MD

Assistant Professor of Medicine, Emory University School of Medicine

Dr. Gavin Harris is an assistant professor at Emory University School of Medicine. He is dually appointed in Critical Care Medicine and Infectious Diseases with professional interests in disaster preparedness, rapid diagnostics, biosecurity, and the treatment of high consequence pathogens.