

APIC & IFIC Fireside Chat Webinar: Respiratory Tract Infections in the Immunocompromised Patient

Implications for Infection Prevention and Control

Monday, February 14, 2022 at 10:00 am ET



THE INTERNATIONAL FEDERATION
OF INFECTION CONTROL



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Our experiences with COVID-19 have demonstrated the importance of having a deeper understanding regarding the impact of respiratory infections on patients with immunocompromising conditions or treatments. Further, having knowledge as to how the human immune system responds to illness helps provide a foundation important for understanding the basis for infection prevention and control interventions. This session will provide an overview of the pathophysiology of respiratory infection and how the immune system responds under normal conditions as well as under conditions of compromise. Using this information, individuals responsible for infection prevention and control programs will be armed with knowledge that can be immediately applied to develop interventions that can protect patients, healthcare workers, and communities.

Objectives:

- Review the pathophysiology of infections impacting the respiratory tract.
- Identify immune responses that are present in the immune-competent individual and how that may differ in the immune-compromised individual.
- Explore the impact on infection prevention and control strategies at the level of the patient, the healthcare worker, and the community.



**Ruth Carrico, PhD DNP APRN FNP-C CIC FSHEA FNAP
FAAN**

Dr. Carrico is the Executive Director of the Norton Infectious Diseases Institute for Norton Healthcare, a large health system headquartered in Louisville, KY. She is also a Professor and Family Nurse Practitioner, gratis faculty, with the University of Louisville School Medicine, Division of Infectious Diseases. Dr. Carrico has received training specific for healthcare epidemiology at the Centers for Disease Control and Prevention (CDC) in conjunction with the Rollins School of Public Health at Emory University in Atlanta and the Society for Healthcare Epidemiology of America (SHEA).

Dr. Carrico served as editor for the APIC Text of Infection Control and Epidemiology from 2005-2012. In 2008, Dr. Carrico was appointed to the National Bio surveillance Subcommittee (NBS) Advisory Committee to the Director, Centers for Disease Control and Prevention, and in 2010 became a SHEA Fellow. In 2011, Dr. Carrico was appointed by Secretary Sebelius, to the Healthcare Infection Control Practices Advisory Committee (HICPAC). In 2012, she was presented with the Carole DeMille Achievement Award by APIC, an honor for an Infection Preventionist. In 2013, Dr. Carrico began serving the National Foundation for Infectious Diseases as the Board's Nurse Planner and in 2014 became a Robert Wood Johnson Foundation Executive Nurse Fellow alumna. Dr. Carrico served as the 2016 president of the Certification Board of Infection Control and Epidemiology, Inc. (CBIC). In 2018, Dr. Carrico assumed the position of president of the Kentucky Nurses Association and in 2020 was recognized as a Distinguished Fellow in the National Academies of Practice. In October 2021, Dr. Carrico was inducted as a Fellow in the American Academy of Nursing, the highest honor in the nursing profession.

Her practice and research activities involve infectious diseases, infection prevention and control, vaccinology, and international travel medicine.



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