Outreach Education

Regional Pediatric Nursing Grand Rounds

Respiratory Viruses and the Seattle Flu Study

Presented by: Janet Englund, MD
Thursday, December 1, 2022 | 11 am - 2 pm PST via Webex

Program Objectives – The learner will be able to:

• Summarize the epidemiology of multiple respiratory viruses over time during the COVID-19 pandemic.
• Examine the changes in SARS-CoV-2 viruses over time.
• To describe the changes in influenza and COVID-19 vaccines based on viral evolution and Seattle Flu Study results.
• To describe the schedule and availability of different influenza and COVID-19 Vaccines in different age groups.

Dr. Englund studies the diagnosis, prevention, and treatment of viral respiratory diseases in children, pregnant women, and immunocompromised hosts. She studies new viral vaccines and novel methods of antiviral therapy for respiratory viruses including influenza, respiratory syncytial virus (RSV), and SARS-CoV-2. Dr. Englund has a longstanding interest in maternal immunization and is a coinvestigator of multiple international maternal immunizations with influenza virus vaccines and RSV vaccines. She has been actively involved in the Seattle Flu Study with Drs. Helen Chu and Trevor Bedford over the past several years, including the establishment of SARS-CoV-2 early in Washington state and the spread of the virus over time.

Dr. Englund’s research group at Seattle Children’s Hospital Research Institute is part of the New Vaccine Surveillance Network of the US Centers for Disease Control (CDC). This group assesses the vaccine effectiveness of multiple viruses including rotavirus and influenza virus vaccines, in population-based studies and is involved in studies of the respiratory syncytial virus, EVD-68, rotavirus, norovirus, and SARS-CoV-2.

Contact Outreach Education at OutreachEducation@seattlechildrens.org, or call (206) 987-3200 for more information