General Recommendations on Immunization Storage and Handling of Immunobiologics

Dr. Jeff Duchin
Dr. Andrew Kroger
February 27, 2013
National Centers for Immunization and Respiratory Diseases

Immunization Services Division



The General Recommendations Work Group (GRWG) Terms of Reference

- □Publishes an MMWR ~ 3-5 year intervals
- □ Addresses immunization issues relevant to all vaccines
- □ Addresses topics ad hoc that cannot be attributed to a single vaccine



Morbidity and Mortality Weekly Report

January 28, 2011

General Recommendations on Immunization

Recommendations of the Advisory Committee on Immunization Practices (ACIP)



Continuing Education Examination available at http://www.cdc.gov/mmwr/cme/conted.html



U.S. Department of Health and Human Services Centers for Disease Control and Prevention

General Recommendations – Revision – Today's Topic

- Introduction
- ☐ Timing and spacing of immunobiologics
- Contraindications and precautions
- Preventing and managing adverse reactions
- Reporting adverse events after vaccination
- Vaccine administration
- Storage and handling of immunobiologics
- □ Altered immunocompetence
- Special situations
- Vaccination records
- Vaccination programs
- Vaccine information sources

General Recommendations – What is Left

- Introduction
- ☐ Timing and spacing of immunobiologics
- Contraindications and precautions
- □ Preventing and managing adverse reactions
- ☐ Reporting adverse events after vaccination
- Vaccine administration
- Storage and handling of immunobiologics
- □ Altered immunocompetence
- Special situations
- Vaccination records
- Vaccination programs
- Vaccine information sources

General Recommendations – Altered Immunocompetence

New guidelines from the Infectious Disease Society of America

Clinical Infectious Diseases Advance Access published December 4, 2013

IDSA GUIDELINES

2013 IDSA Clinical Practice Guideline for Vaccination of the Immunocompromised Host

Lorry G. Rubin, Myron J. Levin, Per Ljungman, 4 E. Graham Davies, Robin Avery, Marcie Tomblyn, Athos Bousvaros, Shireesha Dhanireddy, Lillian Sung, 10 Harry Keyserling, 11 and Insoo Kang 12

1 Division of Pediatric Infectious Diseases, Steven and Alexandra Cohen Children's Medical Center of New York of the North Shore-LIJ Health System, New Hyde Park: 2Section of Pediatric Infectious Diseases, University of Colorado Denver Anschutz Medical Campus, Aurora: 3Department of Hematology, Karolinska University Hospital: *Division of Hematology, Department of Medicine Huddinge, Karolinska Institutet, Stockholm, Sweden: *Department of Medicine Huddinge, Sweden: *Department of Medicine Hudd Immunology, Great Ormond Street Hospital & Institute of Child Health, London, United Kingdom; ⁶Division of Infectious Diseases, Johns Hopkins University School of Medicine, Baltimore, Maryland; 7 Department of Blood and Marrow Transplant, H. Lee Moffitt Cancer Center and Research Institute, University of South Florida, Tampa; *Department of Gastroenterology and Nutrition, Children's Hospital Boston, Massachusetts; *Department of Allergy and Infectious Diseases, University of Washington, Seattle; 10 Division of Hematology-Oncology, Hospital for Sick Children, Toronto, Ontario, Canada; 11 Division of Pediatric Infectious Diseases, Emory University of School of Medicine, Atlanta, Georgia 12 Section of Rheumatology, Department of Internal Medicine, Yale University School of Medicine, New Haven, Connecticut

An international panel of experts prepared an evidenced-based guideline for vaccination of immunocompromised adults and children. These guidelines are intended for use by primary care and subspecialty providers who care for immunocompromised patients. Evidence was often limited. Areas that warrant future investigation are highlighted.

- Areas not addressed by ACIP
- Some differences