INFECTION PREVENTION
WORKFORCE AND EDUCATION

JANUARY 25, 2017
PACCARB
Who We Are:

PIDS is the world’s largest professional organization of experts in the care and prevention of infectious diseases in children. Membership = 1200

Mission Focus Areas/Activities:

• Research
• Advocacy
• Guideline Development
• Fellowship Training
• Continuing Medical Education
• Special Focus on Immunizations for Children
• Society Journal: Journal of the Pediatric Infectious Diseases Society (JPIIDS)
Role of the Pediatric ID Specialist in Infection Prevention

- **Expertise** in specific areas of infection prevention practices unique to neonates and children
  - NICU
  - Playrooms
  - Schools
  - Pediatric Office Settings
- **Vaccination** of children is a superb infection prevention exercise with its own needs and challenges
- **Research** in infection prevention in children: adult studies may not effectively translate to this population
Role of the Pediatric ID Specialist in Infection Prevention
Vaccination of Children is an Outstanding Preventive Measure for Infection Prevention

- Outstanding efficacy, safety record
- Bulk of vaccines provided in childhood; number of vaccinations required is challenging
- Challenges of vaccine-preventable illnesses, anti-vaccine mythology
Adult Studies Do Not Always Translate to Pediatric Populations

• Guidelines derived from adult studies may not apply in pediatric settings
• PIDS seeks to increase Infection Prevention research in pediatric populations, and develop pediatric-specific guidelines in collaboration with partner societies
Workforce Issues for Pediatric ID Specialists and Pediatric Healthcare Epidemiologists

• Pediatric ID Recruitment faces challenges
  – Low salaries relative to other specialties with equal years of training
  – Largely hospital-based; few pediatric ID private practices
  – Multiple unfilled slots, programs nationally

• Antibiotic stewardship in Children’s Hospitals has been growing

• Need for Ped ID expertise, hospital epidemiology, infection prevention in healthcare settings more important as resistant organisms become more prominent
PIDS VISION: INFECTION PREVENTION- Workforce, Education

• Increase recognition of Pediatric ID specialists nationally as leaders in Infection Prevention in pediatric hospital and ambulatory setting
• Develop specific “tracks” beginning in Pediatric ID Fellowship for Infection Prevention careers
• Promote/advocate for Ped ID specialist participation in efforts championed nationally for infection prevention (PACCARB)
• Promote/advocate for research studies in Infection Prevention practices that address the pediatric hospital and ambulatory environment
• Publish pediatric studies, develop pediatric-specific, evidence-based guidelines
• Coordinate efforts with our sister societies (IDSA, AAP, SHEA, APIC, others) and with federal (NIH, CDC) initiatives
PIDS Leadership

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