The Countdown to ICD-10

How a children’s health system plans to improve care for pediatric patients

David W. West, M.D.
Medical Director Health Informatics & Business Partners,
Nemours Children’s Health System

Nemours
Nemours Patient Care – In Five States
300,000 Unique patient encounters
1,500 Residents, fellows, students
602 Employed physicians
206 Researchers
46 Pediatric care locations
40 Employed hospitalists
19 Collaborating hospitals

Nemours Prevention & Population Health
- 22 States impacting > 900,000 children
  Childhood obesity
  Asthma management
- Reading readiness
- Supports research, education, prevention
  and advocacy programs nationally and in the
  communities it serves

Nemours Center for Children's Health Media
- 55 Children's hospitals
- 250 Community hospitals
- 250,000,000 Site visits annually
ICD-10 Overarching Themes

- Considerable industry investment
- Supports payment reform efforts
- Need for updated vocabulary
- Opportunity cost of further delay
International Classification of Diseases

Need for updated vocabulary

Severity of Disease
- Mild vs Severe Asthma

Quality Metrics
- Complications of Chronic Disease
  - Diabetes with hypertension vs bone infection
Opportunity Cost of Further Delay

For diagnosis coding systems, current nomenclature does not support accurate coding or data collection and analysis:

- The rarer the condition, the less likely it is to be specifically coded . . .
  - ~40 Complex Congenital Syndromes code as the same
  - Trisomy 21 (Down Syndrome) vs Other Chromosome Disorders

- These rare conditions are grouped in a “catch-all” code:
  - “Not Elsewhere Classified” Diagnoses
Opportunity Cost of Further Delay

- The paradox:
  - Common diseases - many organizations have a sufficient population to study and measure outcomes
  - Rare diseases - few, if any, organizations have a sufficient population to study and measure outcomes. Need to share and aggregate data.
  - Sharing is impaired until multiple organization form disease specific collaboratives and have to devise and agree on coding systems of their own
Opportunity Cost of Further Delay

After 35 years with ICD-9, ICD-10 will:

- Enhance transmission of specific data to statewide registries for birth defects
- Reduce barriers for organizations to join collaboratives and contribute meaningful data on rare conditions
- More effectively leverage “big data” to promote health in children and adults with rare conditions where resources are scarce
Questions?

David W. West, M.D.
Medical Director Health Informatics & Business Partners
Nemours Children’s Health System

For more information, contact:
Katie Boyer
Manager of Advocacy, Nemours Children’s Health System

katie.boyer@nemours.org
(202) 649-4415