Electronic Anesthesia Records: Can We Make Them User Friendly?

Joseph Previte, MD, FAAP
Associate Professor of Anesthesia and Pediatrics
Director of Anesthesia Information Systems
Department of Anesthesiology
Cincinnati Children’s Hospital Medical Center
Cincinnati, Ohio

Objectives:
- To describe the evolution of healthcare information technology
- To explain why and how our practices are changing because of information technology
- To describe the ideal electronic anesthesia records’ characteristics
- To outline the implementation process

Background:
- What’s wrong with paper documentation?
- What influences are pressuring us to change?
  - Government
  - Anesthesia Advocacy

Current Status:
- Who’s doing what?

Implications:
- The effects of change:
  - Research
  - Communication

The Ideal Electronic Anesthesia Record:
- Virtual
- Reliable
- Fast
- Mobile
- Personal
- Secure

Presented at SPA Annual Meeting, 2006
Implementation:

- People
  - Leadership
  - Support
  - Working group
  - Ancillary staff
- Vendors
  - Demonstration
  - Site visit
  - Clinician interactive
  - Reference checking
- Software considerations
- Hardware considerations
- Timeline expectations
- Costs
  - Start-up
  - Maintenance

Conclusion:

References:


Presented at SPA Annual Meeting, 2006