Curriculum Development Centers Program

Awardee of The Office of the National Coordinator for
Health Information Technology

Unit 6b: HIT Facilitated Error – Cause and Effect

Component 7: "Working with HIT Systems"

Error Vocabulary

- Omission
- Commission
- Slips/Lapses
- Mistakes

"Silent Cockpit"

!!STOP!!
Do not disturb! Passing medications

Technology Induced or Facilitated Error

- "Oh Schnocks!" The state of healthcare technology in 2009: http://www.youtube.com/watch?v=WxQLzdLjwp4

Addressing the Issue

"Human Factors"

Ergonomics (or human factors) is the scientific discipline concerned with the understanding of interactions among humans and other elements of a system, and the profession that applies theory, principles, data, and other methods to design in order to optimize human well-being and overall system performance.

Human Factors in Surgery Video
From the Mayo Clinic
http://www.youtube.com/watch?v=xR78dXTYy9c

Finishing out – Helping to Avoid Error In HIT

- Computer screens/layouts/systems that are:
  - Easy to read
  - Easy to understand
  - Logical
  - Support cognition – not thwart
  - Agile & flexible
  - Help to prevent error
  - Make the right thing the easiest thing

In Summary

CONCLUDING: Is it Easy? NO!

"Yea, though I walk through the valley of the shadow of death, I will fear no evil" Psalm 23

The End

This completes the slide deck for Unit 6: HIT Facilitated Error Cause & Effect

Component 7 "Working With HIT Systems"

References

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