Making it easy to do the right thing: effective order set design

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Disclosures

None

Clinical Decision Support

- Improve efficiency
- Enhance detection / screening
- Prevent adverse outcome
- Reduce cost
- Increase convenience
- Reduce unnecessary / unproductive variance

The 5 Rights of Clinical Decision Support

- Right Information evidence base, correct data
- Right Person get the support to the right user
- Right Format deliver clear messages
- Right Channel best method of delivery
- **Right Time** task interruptions can range from irritating to dangerous

Osheroff et al, J Healthcare Inf Manage, 2009

Clinical Decision Support

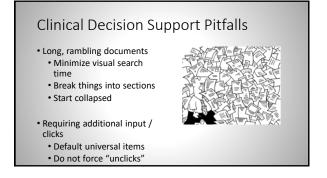
- Multiple ways to skin the cat
 - Templated charts
 - · Background reminders
 - Pop ups (BPAs in Epicese)
 - · Links out to guidelines
 - Guided decision making

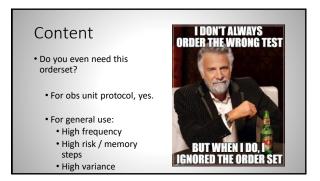


Clinical Decision Support Pitfalls

- Breaks the workflow
- Requiring external link
- The user was in their workflow for a reason
- Hard stops
 - Offer alternatives

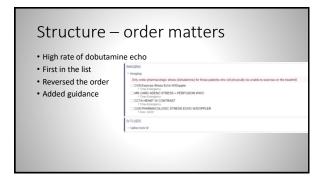


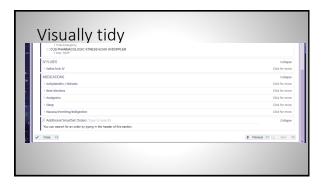








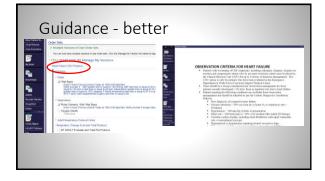


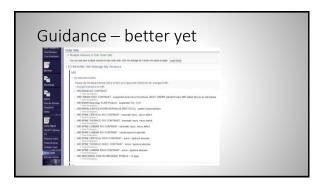


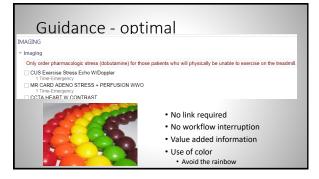




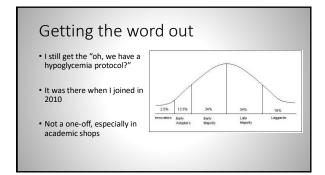


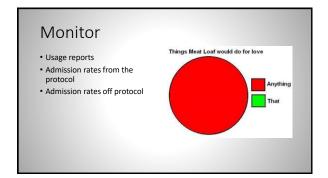






Not done yet - Testing • Not just you • Other docs • Nurses • Rad techs • Pharmacy • Specialists (maybe)





Conclusion • Good orderset design is clinical decision support • Know your system architecture capabilities • Sometimes less is more, sometimes less is dangerous • Wetware issues (humans) often more critical than software issues