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INFographics in anesthesiology
Complex Information for Anesthesiologists Presented Quickly and Clearly

ADVERSE Drug Events

What is an adverse drug event?

Any patient harm or injury from a medical intervention related to a drug

How frequent are ADEs?

For adult inpatients, the incidence varies with the surveillance method:

- Stimulated reporting: 2.3%
- Retrospective monitoring: 8.7%
- Prospective monitoring: 21.3%

Where are ADEs found?

- Clinic: 17.9% of prescriptions
- Inpatient: 11.5% of meds administered
- Periop: 5.3% of meds administered

How can we reduce the risk of ADEs?

- 55% reduction in serious med errors with CPOE
- 50.8% reduction in potential ADEs with barcode + eMAR
- 21.8% reduction in med errors with a multimodal system for anesthesia

ADE = adverse drug event; CPOE = computerized physician order entry; eMAR = electronic medication administration record.

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