



PHARMACY /
MEDICATION SAFETY
REVIEW

ADVERSE DRUG REPORTING

- ❖ ADR: reaction resulting from a drug, SE, improper drug use, or consequence of an error. May not be preventable
- ❖ Reportable to FDA
- ❖ JCAHO requires tracking/documentation
- ❖ ADR HOTLINE: 74-ADR. PHARMACY TO
FILL PAPERWORK

MEDICATION ERROR REPORTING

- ❖ Non-punitive, anonymous reporting
- ❖ Information used to improve systems
- ❖ Near-misses need to be included in reporting
- ❖ Errors can be related to : wrong route, time, dose, delayed administration, IV fluid

COMMON MEDICATION ERRORS

- ❖ Maalox not the same as MAALOX PLUS
- ❖ Lortab-10 not equal= #2 Lortab-5 tabs
- ❖ Robitussin is not == Robitussin DM
- ❖ Read medication order carefully. E.g. 1 ½ tabs, 1-2 tabs, ¼ tabs etc. Bold on profile

HIGH-RISK MEDS

HIPPOS

- ✓ H-----→ HEPARIN
- ✓ I-----→ INSULIN
- ✓ P-----→ PCA
- ✓ P-----→ PARALYTICS
- ✓ O-----→ ONCOLOGY MEDS (chemo)
- ✓ S-----→ CONC.ELECTROLYTES (hypertonic saline)
- ✓ CO-SIGN (4) :HEP/INS/PCA/CHEMO

PROHIBITED ABBREVIATIONS

NPSG

- QD WRITE: Daily
- QOD WRITE: Every other day
- U WRITE: units
- CC WRITE: mL
- MSO4/MS WRITE: morphine
- Trailing zero: NOT 1.0 USE 1
- Naked decimal: NOT .9 USE 0.9
- Ug: WRITE: mcg

MEDICATION ORDERS

- Pyxis med retrieval-RN MUST wait 30 minutes for Pharmacy review of order
- “STAT” and “NOW” orders may access right away. “stat” is 15 min, “now” 1 hr
- Tall-Man lettering in Pyxis e.g. DOButamine, DOPamine

MEDICATION PASS

- **5 Rights** : Right time/pt/drug/route/dose
- Appropriate VS
- Pain meds-assess 30 min after IV and 60 min after po
- Heparin/insulin/chemo/PCA dbl check/co-sign
- RN explains each med to patient
- Unopened medication to bedside
- RN to check expiration date of med prior to admin.
- ****RIGHT PATIENT-MAJOR SOURCE OF ERROR****

Black Box Warning

- Promote pt.safety for “hi-risk” meds. NPSG
- Fentanyl patch, enoxaparin, (Lovenox®)
droperidol, metformin, fondaparinux (Arixtra®)
- On PCIS screens for individual meds
- Laminated poster in ALL med rooms. **Know the issue for each of these meds**

Anticoagulant Therapy

- **EP*3E**-reduce likelihood of pt. harm associated with anticoagulant therapy
 - Use only oral UD products (warfarin tabs), prefilled syringes and pre-mix bags (std. conc)
 - Have baseline INR before starting warfarin. Protocol for monitoring in place
 - Dietary to be notified for all warfarin starts
 - Hi-risk heparin-dbl. check dose/pump setting/co-sign
 - Follow ADR-Vit. K administration. Report all
 - UD all heparin for Pedi patients-verify EACH anticoag. order with MD
- * Element of Performance in TJC Standards of Performance.

LASA MED ERROR PREVENTION

- PCIS alerts prescriber of LASA concern
- “Tall man” lettering labels on target meds
e.g. HYDRAlazine, HYDROXYzine
- Separate in Pyxis when possible
- Joint commission NPSG