

5 Diamond Patient Safety Program

Medication Reconciliation Exercise

Extracting a Medication List

2008

** This presentation was collaboratively developed by the Mid-Atlantic Renal Coalition (MARC) and the ESRD Network of New England for the 5-Diamond Patient Safety Program.*

The 5-Diamond Patient Safety Program is endorsed by the Renal Physicians Association (RPA) and American Nephrology Nurses' Association (ANNA).



Medication Reconciliation Exercise

Bob is a 55-year old business man in the Emergency Room for complaints of shortness of breath, headache, & generalized pitting edema. Bob was recently diagnosed with congestive heart failure. His current vital signs are: HR 62, BP 115/85, RR 30, O₂ Sat 90%, Temp 98. He has no known drug allergies. He is awake, oriented and talkative, but only offers information if asked directly.

Medication Reconciliation Exercise

When asked about his medications, Bob states he takes a ‘water pill’ irregularly because of its effects during work. He believes this medication begins with an L. He also takes Digoxin, a blood pressure medication (Meta-something) prescribed years ago by another health care provider. He uses an inhaler (which he shows to you and you see it is Albuterol) & takes a multi-vitamin.

Medication Reconciliation Exercise

- ✓ At this point, what are you worried about in planning care for Bob?
- ✓ What other information do you need?
- ✓ What questions would you ask Bob to obtain this information?

Medication Reconciliation Exercise

Following further discussion with Bob, he reluctantly admits:

- ✓ He has Gout and takes colchicine.
- ✓ He drinks ‘occasionally’ (1 drink at lunch, 2 after work, and 1 before bed.) Last drink was last night around 9 pm
- ✓ He ‘occasionally’ uses cocaine – last time 3 days ago.
- ✓ Last night he also took cialis he obtained from a friend. He experienced substernal chest pain during intercourse so he took Aspirin and Mylanta. Neither helped so he took a Nitroglycerin. He went to bed and awoke this am with a headache and shortness of breath.

Medication Reconciliation Exercise

- ✓ What are you worried about in planning care for Bob?
- ✓ What actions will you take as Bob's nurse?
- ✓ Is there other information you still need?
- ✓ How will you obtain, communicate, and record this information?

What do we now know?

- ✓ Bob has 3 medication interactions & needs education
- ✓ Metoprolol, Nitroglycerin & Cialis together ↓ BP
- ✓ Magnesium in Mylanta inactivates effects of Digoxin
- ✓ Aspirin & colchicine bind together preventing uric acid from being excreted by the kidneys
- ✓ Taking Lasix inconsistently affects recidivism

What education should Bob receive?

- ✓ Diagnosis & medical management
- ✓ Medication actions/side effect
- ✓ Importance of medication reconciliation with physician
- ✓ Role in patient safety

Medication Reconciliation Exercise

As you reflect on Bob's case, list all the potential errors providers could make if they did not know Bob's story and have a list of Bob's current medications.