

University of Colorado Hospital Nursing Practice Guideline Interventional Radiology Checking and Exchange of Reversal/Reaction Box

Related Policies and Procedures:

Adult Code Blue Emergency Resuscitation
Exercise Stress Testing Outside the Heart Center

Approved by: Pharmacy and Therapeutics Committee
Resuscitation Committee
Department of Radiology
Nursing Practice Guidelines Subcommittee

Description: This policy describes the procedure for assuring standardized emergency supplies will be consistently available and ~~safely maintained in the Interventional Radiology~~ *Area Dept County within*

Accountability: The manager is responsible for implementation. All clinical staff is responsible for correct use, checking and stocking.

Definitions:

Reversal-Reaction box is an emergency support kit to be used in ^{my area} Interventional Radiology for ~~sedation reversal or contrast reactions~~ *that gives IV contrast*

Policy and Procedure:

A. Use of ~~Reversal~~ Reaction Boxes

1. ~~Reversal~~ Reaction boxes are NOT used in place of calling a code
2. Reversal Reaction boxes may be used under the direction of MDs and licensed independent practitioners.
3. Emergency ~~reversal~~ reaction boxes must be kept closed with tamper evident seal. This seal is obtained from Pyxis or the Pharmacy.

B. ~~Reversal~~ reaction Box Contents

1. The emergency medical drugs included in the ~~reversal~~ reaction box are primarily intended for emergencies such as anaphylactic shock ~~or over sedation~~. Reversal Reaction drugs **must be kept in a locked or continuously supervised location**.
2. ~~Medications Dosage guideline cards are provided for the use of the ordering provider. The adult Medication Dosage guideline card is reviewed by UCH pharmacy staff every 3 years.~~

2. Meds included for adult patients
3. An algorithm will be kept with the box.
4. Meds included.

atropine
Brevibidyl
Saw Corty
EpiPen
Epinephrine
Vertin

50mg flush
1-3cc syringe
1-5m needle
2-Blunt tips
4-Alcohol swab

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C. Supply Ordering and Delivery

1. ~~Reversal~~ Reaction Box ~~General~~ Supplies and Pharmacy supplies for new or replacement boxes

- reaction Box*
- The initial ~~emergency tackle~~ box and replacement boxes are supplied by ~~Interventional Radiology~~
 - Pharmacy will supply the ~~drugs~~ *meds* for the box, by ~~removing them from the pyxis under the patients name or requesting Romazicon from the pharmacy~~ *As requested by the Radiology Nurse*
Inpatient
 - Fax "~~Tackle Box Medication Order Form~~" (DOD OTR11076) to the in-patient Pharmacy Storeroom **the month prior to expiration.**

D. Reversal Reaction Box Check

1. Daily

- The integrity of the lock must be checked every ~~business day~~ by a RN or designated staff person. ~~If clinics are closed on weekends and holidays the lock does not have to be checked on these specific days.~~
- The boxes must remain locked between checks. If the seal is broken, a RN or designated staff person must recheck the entire box to ensure that all items are present. Items in the box will be used for emergent needs only.
- not
ok* The ~~Interventional~~ ~~Reversal~~ reaction Box Checklist form will be used to document daily checking of the emergency supplies box. **The number on the lock and the number on the Checklist MUST be the same. If a new lock is placed, that lock number must be indicated on the Checklist on the day it was changed.**

2. Monthly

- A RN or designated staff person ~~using the checklist~~ must open and check the box on a monthly basis.
- The RN or designated staff who conducts the monthly ~~Reversal~~ Reaction box check will check the expiration date on the drugs. ~~Expired drugs will be returned to pharmacy and replaced with new ones.~~
- If an item is missing, the RN or designated staff person will obtain the item from **the Pyxis machine or Pharmacy** via the tackle box Medication Order form and replace it.
- The RN or designated person will **document the number of the lock** placed on the emergency tackle box. on the Reversal Reaction Box checklist
- The ~~Reversal~~ Reaction Box checklist will be used to document monthly checking of the emergency box and maintained in clinical area for **three years.**

E. Post-Use

- After using the box, a designated staff person will ~~clean the box with an approved solution.~~
- All medications used will be charged to the patient using the Pharmacy SIM number for the product(s) or Pyxis.
- If charged through Pyxis, remove the replacement medication from Pyxis.
- After use, replace used items from clinical supply or floor stock. Replace medications as described above. ~~Keep the medications to restock the new box.~~

Checking and Exchange of Reversal-Reaction Box

Table A

Reversal Reaction Medications

- Narcan 2mg/2ml
- Solumedrol 125mg IV
- Diphenhydramine 50mg/ml
- Flumazenil 0.5mg/5ml IV
- Atropine 1mg/10ml syringe
- Epinephrine 1:10,000 1mg/10ml syringe

References:

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