



Endeavor
HealthSM

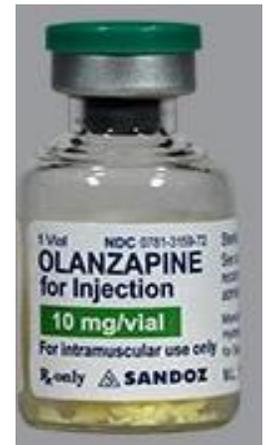
ED Pharmacist's Notes

Oct 2024

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Olanzapine (Zyprexa)

- 2nd generation (Atypical) antipsychotic
- **Olanzapine IM & ODT** added to SW Formulary. Ziprasidone IM removed from the formulary
- Olanzapine is non-inferior to Ziprasidone in efficacy but has better safety profile - less QTc prolongation and torsade, and fewer EPS side effect
- Use in ED: acute agitation/aggression associated with psychiatric disorders
- 1st line agent for NSL
- Available in ED pyxis and AP2 pyxis
- Dose: 5-10 mg; may repeat in 2 and 4 hrs. Max 30 mg per day
- Onset of action: 15 min Duration: ~2 hours
- For nursing: dilute with 2.1 mL of sterile water for injection and administer <1 hr after reconstitution
- Cost: ~18.50 per vial (Droperidol \$9.00; Haloperidol \$.50)
- Ref: SW P&T newsletter Sept 2024



Medications ^

	Display Name	Code	Type	Dose	R...	Fr...	Pref List
 	OLANZapine (ZyPREXA) IM Kit	99939...	Medicati...	2.5 mg	In...	O...	SW MEDIC...

Ertapenem (vs. Meropenem)

- Ertapenem is in a class of carbapenem antibiotics
- Is used in patients with demonstrated susceptibility to ESBL or AmpC
- Ertapenem is once daily vs. Meropenem is q8h dosing (for pt w/normal renal function)
- Now **Ertapanem was removed from the “*Restricted Medication List and Required Consults*”** at SW (e.g., ID service or patients being discharged)
- Note: Ertapenem does not cover Pseudomonas (narrower spectrum than meropenem)
- Ref: SW P&T newsletter Sept 2024

Tenecteplase

- OFF-LABELED use for acute ischemic stroke
- TNK administered at SW since the implementation for the stroke indication (March 2023):
 - 15 doses in 2023; 16 doses in 2024
- Door to Needle time for 2024 Jan- Oct 4th
 - > 60 min: 7 cases; < 60 min: 9 cases (< 45 min: 5 cases)
- 2 TNK doses wasted in July & Sept: mixed tNK cannot be returned to the manufacturer for credit or replacement (unlike Alteplase)
 - Cases: pt's spouse refused TNK tx; No TNK recommendation by neuro after assessment
- TNK kit (50 mg powder vial and 10 mL sterile water): **\$7,250**
- Once TNK is ordered in EPIC, the Pharmacy will mix TNK in the pharmacy, NOT at bedside (during weekends and nights)
- **Please consider to order TNK if 99% (?) is certain the med will be administered**
- Will appreciate if ED gives the pharmacy a head-up call for the likely TNK cases



IV Fluid Shortage

- Baxter's North Carolina manufacturing site was impacted by Hurricane Helene causing IV fluid shortage
- CardinalHealth (pharmaceutical wholesale distributor) has placed **strict allocations on Baxter's list of impacted items**
 - Items relevant to ED: **NS** and **D5W** (many sizes- 50 mL, 100 mL, 500 mL, 1 L)
- Hospitals are taking “appropriate **conservation measures**” (e.g., oral hydration options when possible)



Intubation and Post-Intubation



- ERAs due to NO or delayed sedation during or after intubation
- Paralysis without adequate sedation is a “never event”
- When using a long-acting paralytic (e.g., Rocuronium), it is essential to provide a sedative through the duration of paralysis
 - Etomidate and propofol: duration 5-7 min
 - Succinylcholine: duration 5-7 min vs Rocuronium: duration 30-60 min
- Post-intubation management
 - Analgesia (e.g., Fentanyl drip per PADIS guideline) **AND sedation** (eg, propofol drip)
- Ref: PADIS (Pain, Agitation/Sedation, Delirium, Immobility, and Sleep Disruption) Guidelines:
<https://www.sccm.org/iculiberation/guidelines>

Thank You!