

COMMON **SOUND**-ALIKE RELATED POTENTIAL ERRORS

1 **Dopamine** $\neq$

Vasopressor/Inotrope (Sympathomimetic, vasoconstrictor)



Dose: Continuous IV infusion: 2-5mcg/kg/min initially, adjust according to response; max 50mcg/kg/min

Potential Effect of Error:

- Hemodynamic instability
- Severe hypertension or hypotension
- Cardiac arrhythmias
- Worsening shock

How to prevent:

- Store in clearly labeled, separate bins with LASA stickers
- Use standardized infusion protocols
- Require independent double-check for vasoactive infusions
- Avoid verbal orders when possible

Dobutamine



Inotrope (Selective Beta-1 (β_1) adrenergic agonist, vasodilator)

Dose: Continuous IV infusion: 2.5-15mcg/kg/min adjust according to response; max 40mcg/kg/min

2 **CarBImazole** $\neq$



Antithyroid agent

Dose: Initially, 20-60mg in 2-3 divided doses. Maintenance: 5-15mg single daily dose

Potential Effect of Error:

- No therapeutic effect for neurological condition or hyperthyroidism

👉 Main danger for Carbamazepine: Loss of seizure control can be life-threatening.

👉 Main danger for Carbimazole: Thyroid storm in severe untreated hyperthyroidism.

CarBAzepine

Anticonvulsant



Dose: (Tab) Initially, 200mg BD. Maintenance: 800-1200mg/day, Max: 1600mg/day

How to prevent:

- Store in clearly labeled, separate bins
- Stick LASA stickers on the bins
- Check the NAME of the drug and INDICATION of the drug if unfamiliar with the drug before submitting into the CHETs system

3 **Lamotrigine** $\neq$

Antiepileptic



Dose: Initially 25mg OD for 14 days, then 50mg OD for another 14 days, then increased by 50-100mg every 7-14 days, usual dose 100-200mg daily in 1-2 divided doses; max 500mg daily

Potential Effect of Error:

- Breakthrough seizures
- Severe rash (including Stevens-Johnson syndrome if lamotrigine incorrectly dosed)
- Untreated fungal infection

LAMISIL® (Brand name)

Actual name of drug: Terbinafine

Antifungal

Dose: 250mg OD



How to prevent:

- Avoid brand name prescribing
- Indication-based prescribing
- Tall Man lettering (LamoTRigine vs LAMISil)