

**Guideline:** Delirium Management Guidelines

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**Content Experts**

Trauma PMG  
Reviewed by and  
adapted to Burn by:  
Anne Wagner, MD

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## I. Monitoring and Treatment

The confusion assessment method for the ICU (CAM-ICU) should be monitored each shift and reported to the team during rounds.

- a. CAM-ICU should NOT be reported as unable to assess unless RASS < -3
- b. Consider RASS and CAM-ICU status when choosing treatment options
  - i. Hypoactive delirium – CAM positive and RASS 0 to -3
    - Non-pharmacological management
    - Minimize sedating medications
  - ii. Hyperactive or mixed hyper/hypoactive delirium – CAM positive and RASS -3 to +4
    - See algorithm
- c. Goal RASS should be specified on **ALL** patients
- d. If CAM positive, consider differential diagnosis (hypoxia, sepsis, CHF, over-sedation, deliriogenic medications)

## II. Non-pharmacologic Management

- **Orient patient** (provide visual/hearing aids, re-orient, encourage communication, encourage proper sleep hygiene, provide cognitively stimulating activities during the day)
- **Environment** (Mobilize patients early and often, provide familiar objects in patient's room, minimize noise at night, and remove unnecessary lines/drains)
- **Adjunctive** (perform SATs daily, provide adequate pain management, correct dehydration, and electrolyte disturbances)

## III. Deliriogenic Medications

- Benzodiazepines
- Anticholinergics (diphenhydramine, glycopyrrolate, metoclopramide, H2 blockers, TCAs, cyclobenzaprine)
- Steroids
- Pain medications (if pain is not cause of agitation/delirium)
  - Decrease opioid dose
  - Utilize multimodal pain regimen

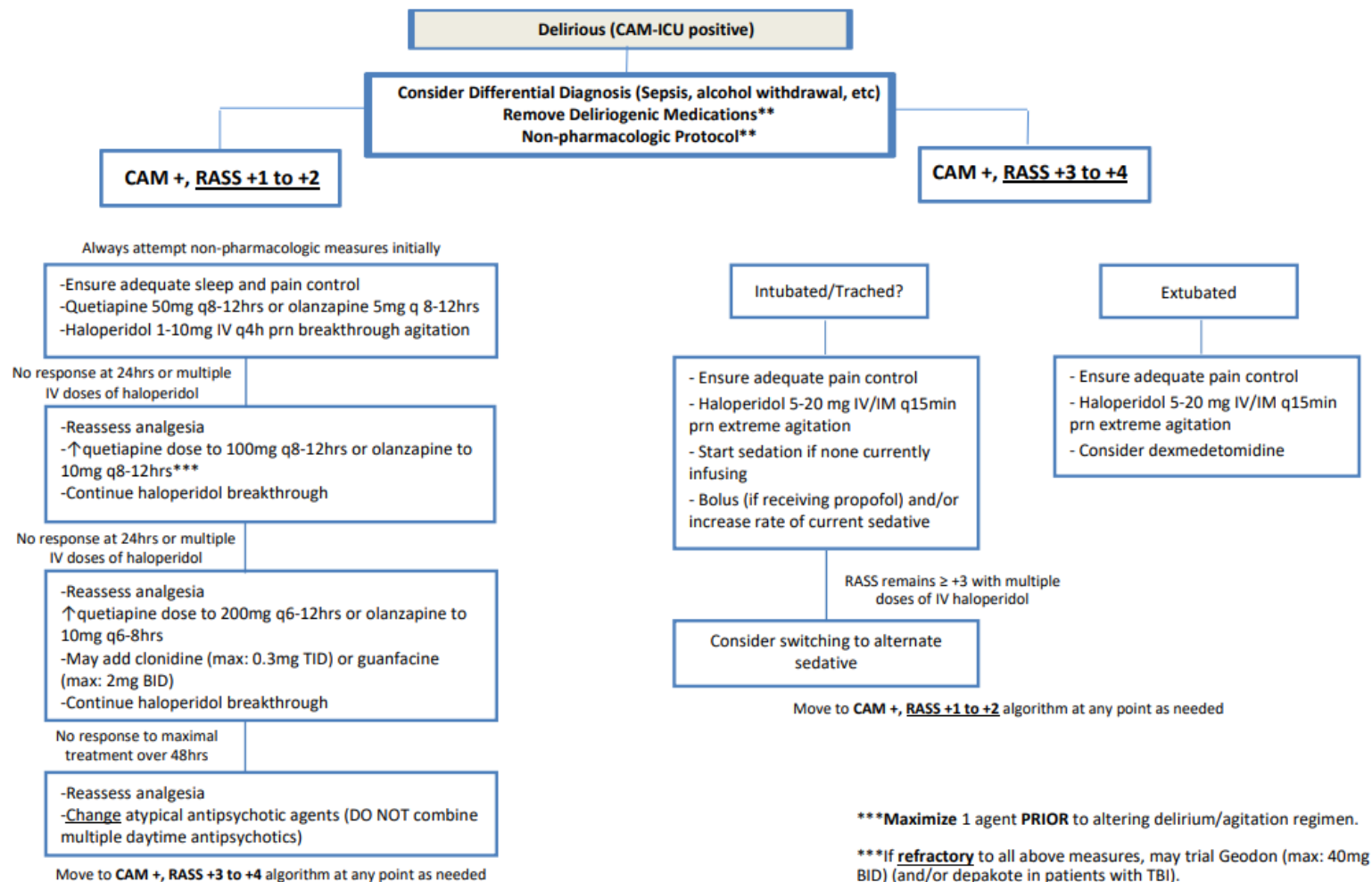
## IV. Special Considerations

- Traumatic Brain Injury
  - Avoid large doses of haloperidol in traumatic brain injury patients.
  - Consider early use of propranolol 10-20mg q8-6h (max 360 mg/day) for agitation related to neurologic storming.
  - Consider starting depakote/valproic acid 500 mg q8h (titrate up as needed) for agitation related to TBI
    - Obtain baseline LFTs (use with caution in patients with liver disease) and weekly LFTs while on therapy
    - Only obtain valproate level if concerned for toxicity
    - Max dose is 60 mg/kg/day
- Geriatric population
  - Reduced antipsychotic (50%) doses should be initially used in patients > 65 years old
  - Avoid haloperidol doses >5mg or quetiapine doses >100mg in patients > 65 years old

V. Appendix A

**Hyperactive Delirium**

(includes mixed delirium with hyperactive component, ex: attempting to wean sedation)



## VI. References

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### [CAM ICU Assessment](#)

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Jill Streams, MD

Abby Luffman, MSN, APN, AGACNP-BC

Leanne Atchison, PharmD

Jennifer Beavers, PharmD, BCPS