







### **PROJECT BETA**

- Best practices in the Evaluation and Treatment of Agitation
- American Academy of Emergency Psychiatry
  - Annual conference National Updates of Behavioral Emergencies
- 6 papers
  - Verbal De-escalation
  - Psychiatric Evaluation
  - Medical Evaluation and Triage
  - The Psychopharmacology of Agitation
  - Use and Avoidance of Seclusion and Restraint
  - Best Practices for Evaluation and Treatment of Agitated Children and Adolescents
- Free from the Western Journal of Emergency Medicine http://westjem.com/

### **BE SAFER**

- **Stabilize** the situation by containing and lowering the stimuli.
- Assess and acknowledge the crisis.
- **Facilitate** the identification and activation of resources (chaplain, family, friends, or police).
- **Encourage** patient to use resources and take actions in their best interest.
- Recovery or referral—leave patient in care of responsible person or professional or transport\* to appropriate facility. <u>http://www.miemss.org/home/Portals/0/Docs/Guidelines\_Protocols/MD-Medical-Protocols-2019.pdflver=2019-04-18-095524-123</u>

\*EMS/police version

- Initially developed for crisis intervention
- Used by EMS, police, social services
  - Expanding to "lay audience"
- Several versions exist
  - RAPID Psychological First Aid
  - ALGEE Mental Health First Aid

### GOALS OF EMERGENCY PSYCHIATRIC MANAGEMENT

- Exclude medical source
- Rapid stabilization of acute crisis
- Avoid coercion
- Treat in least restrictive setting
- Form therapeutic alliance
- Appropriate disposition and aftercare

http://primarypsychiatry.com/treatment-of-psychiatric-patients-in-emergency-settings/







### MEDICAL EVALUATION: sources of ams

### **AEIOU-TIPS**

- Alcohol
- Electrolytes, Encephalopathy, Exposure, Endocrine
- Insulin
- Opiates, Oxygen

- Uremia
- Trauma, Temperature, Tumor, Toxin
- Infection
- Poison, Psychogenic, PE
- Shock, Stroke, Subarachnoid, Seizure

### Other mnemonics: I WATCH DEATH, SMASHED

https://escholarship.org/uc/item/881121hx https://fpnotebook.com/neuro/LOC/AltrdLvIOfCnscsnsCs.htm https://www.saem.org/cdem/education/online-education/m4-curriculum/group-m4-approach-to/approach-to-altered-mental-status







https://emergencysuicide.wordpress.com/traaped-silo-safe-mnemonic/



### **BATHE FOR HISTORY**

- Background: "What is going on in your life?"
- Affect: "How do you feel about it?"
- Trouble: "What troubles you most about the situation?"
- Handle: "What helps you handle the situation?"
- Empathy:
  - "This is a tough situation to be in"
  - "Anybody would feel as you do"
  - "Your reaction makes sense to me"

www.fpnotebook.com/Psych/Exam/BthTchnq.htm

### ALZHEIMER'S COMMUNICATION

1. Never ARGUE, instead AGREE
 2. Never REASON, instead DIVERT
 3. Never SHAME, instead DISTRACT
 4. Never LECTURE, instead REASSURE
 5. Never say "REMEMBER," instead REMINISCE
 6. Never say "I TOLD YOU," instead REPEAT/REGROUP
 7. Never say "YOU CAN'T," instead do what they CAN
 8. Never COMMAND/DEMAND, instead ASK/MODEL
 9. Never CONDESCEND, instead REINFORCE
 10. Never FORCE, instead REINFORCE

http://www.dcputnamconsulting.com/wpcontent/uploads/2017/03/Communication-Hints.jpg

# QUESTION: THE BEST EXAMPLE OF VERBAL DE-ESCALATION IS:

- A. "Calm down"
- B. "Be reasonable"
- C. "Those are the rules"
- D. "Do you want a pill or a shot?"  $\bigwedge_{\searrow}$

# **SAYINGS TO AVOID**

- "Calm Down"
- "Come Here"
- "Because those are the rules"
- "You wouldn't understand"
- "None of your business"
- "What's your problem?"
- "I'm not going to say it again"
- "This is for your own good"
- "Why don't you be reasonable"

















# **TRICKS AND TIPS**BE GENUINE Matched pacing/mirroring to relax Voice dropping Offering choices Noncomplimentarity: not matching the tone/message of the other person

 <u>https://community.macmillan.com/community/the-psychology-</u> <u>community/blog/2016/08/03/noncomplementarity-video-and-activity</u>



# QUESTION: THE FIRST LINE TREATMENT FOR THE AGITATED PATIENT IS: A. Midazolam B. Haloperidol C. Olanzapine 🔆 D. Diphenhydramine

## **PROJECT BETA MEDICATION SUMMARY**

I. Treat the cause of the agitation-if medical, fix that before restraint/sedation

2. PO should be offered over IM/IV

3. Antipsychotics are first line if psychiatric origin

4. SGAs (such as olanzapine [Zyprexa], risperidone [Risperdal], or ziprasodone [Geodon]) are preferred over haloperidol.

- If agitated due to alcohol, haloperidol has more data to support it's use

5. If using haloperidol, give with BZD to lower side effect risk

https://escholarship.org/uc/item/5fz8c8gs



#### OTHERS

- Lorazepam I-2mg
- Diazepam 5-10mg

Note: Project BETA did not make recommendation re: Ketamine for agitation and does not recommend routine use of antihistamines in adults

### PROLONGED QT AND ANTIPSYCHOTICS • Risk is there, but minimal

- Increases with other QT prolonging meds, electrolyte imbalances (K, Mag), thyroid disease
- Droperidol in particular has black box warning
  - Review of data that led to FDA warning had lot of inconsistencies
- Another reason to focus on verbal de-escalation first
- Note: Antipsychotics are preferred for agitation from alcohol *intoxication* but BZDs are preferred for agitation from alcohol *withdrawal*









### **"BABY BETA": TREATMENT OF AGITATION IN PEDIATRICS**

### PO only

PO/IM

- Clonidine
- Olanzapine
- Risperidone
- Quetiapine

- Lorazepam
- Chlorpromazine

• Diphenhydramine

• Haloperidol

REALLY want to avoid IM meds in pediatric patientsvery traumatizing for all involved!

### **"BABY BETA": TREATMENT OF AGITATION IN PEDIATRICS**

Is the patient developmentally delayed or autistic? note ASD/DD are at higher risk for delirium and medical or psych symptoms

Yes

Attempt behavioral interventions -Assess pain, hunger, other physical needs -Consider visual communication tools -Utilize sensory tools -Ask what usually soothes child -Ask about prior medication responses (positive

-Ask about prior medication responses (positive or negative), especially to benzodiazepines and diphenhydramine Consider extra dose of pt's regular standing medication Avoid benzodiazepines due to risk of disinhibition Avoid IM route

Clonidine (PO) or diphenhydramine (PO/IM) or antipsychotic (risperidone PO, chorpromazine PO/IM or olanzapine (PO/IM/ODT)

https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6404720/

Still

severely

needs

nedication

# **SPECIAL NOTE**

- Children and adults with developmental and/or sensory processing issues are high risk for adverse /paradoxical reactions
- Those with SPMI often have had multiple bad interactions with health care system
- Use caregivers/collateral information for what helps
- Consider Psychiatric Advanced Directives for individuals in your system
  - E.g. allow use of weighted blanket, preferred med route (e.g. liquid vs pill crushed in applesauce)

https://www.nami.org/Learn-More/Mental-Health-Public-Policy/Psychiatric-Advance-Directives-(PAD) https://www.nrc-pad.org/

2. My Preferences Regarding Emergency Intervention	ions
If, during an admission or commitment to a mental engaging in behavior that requires an emergency in and/or medication), my wishes regarding which for follows. I prefer these interventions in the following	tervention (e.g., seclusion and/or physical restrain m of emergency interventions should be made are
Fill in numbers, giving 1 to your first choice, 2 to you intervention you prefer is not listed, write it in after	
seclusion	Reasons for my preferences:
physical restraints	·
seclusion and physical restraint (combined)	
medication by injection	
medication in pill form	
liquid medication	
other:	
http://www.bazelon.org/ou	r-work/mental-health-
systems/advance-directives	<u>./</u>


4/14/2020

## QUESTION: THE FIRST LINE TREATMENT FOR A PATIENT WITH EXCITED DELIRIUM IS

A. Midazolam  $\sum_{\mathcal{M}}^{\mathcal{N}}$ 

B. Haloperidol

C. Olanzapine

D. Diphenhydramine

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https://ps.psychiatryonline.org/doi/full/10.1176/appi.ps.56.9.1115

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https://bit.ly/2ue5lYn







• "Flip the Script" Invisibilia Podcast <u>https://www.npr.org/player/embed/485602601/486026312</u>

- "That escalated quickly: the agitated patient in the ED" ACEP Frontline <a href="https://podcasts.apple.com/us/podcast/that-escalated-quickly-the-agitated-patient-in-the-ed/id1063793120">https://podcasts.apple.com/us/podcast/that-escalated-quickly-the-agitated-patient-in-the-ed/id1063793120</a>
- "The Upset Patient Protocol" ERCAST <u>http://blog.ercast.org/the-upset-patient-protocol/</u>
   "Art of the chemical takedown"- reports from around the world
- "Art of the chemical takedown"- reports from around the world http://blog.ercast.org/art-chemical-takedown/
- Suicide Assessment <a href="https://emergencysuicide.wordpress.com/traaped-silo-safe-mnemonic/">https://emergencysuicide.wordpress.com/traaped-silo-safe-mnemonic/</a>
- "Psychiatric Emergencies" EM Basic
- http://embasic.org/psychiatric-emergencies-part-1/ and http://embasic.org/psychiatric-emergencies-part-2/
- "Vitamin H: Haldol for Psychosis" SGEM <u>http://thesgem.com/2013/09/sgem45-vitamin-h-haloperidol/</u>
- "Ketamine: How to use it fearlessly for all it's indications" SMACC <u>https://www.smacc.net.au/2015/12/ketamine-how-to-use-it-fearlessly-for-all-its-indications-by-reuben-strayer/</u>
- If you want to read- ACEP Guidelines for adult psychiatric patients <a href="http://www.annemergmed.com/article/S0196-0644(17)30070-7/fulltext">http://www.annemergmed.com/article/S0196-0644(17)30070-7/fulltext</a>



## **PROJECT BETA PAPERS**

- Verbal De-escalation of the Agitated Patient: Consensus Statement of the American Association for Emergency
   Psychiatry Project BETA De-escalation Workgroup <u>https://escholarship.org/uc/item/55g994m6</u>
- Psychiatric Evaluation of the Agitated Patient: Consensus Statement of the American Association for Emergency Psychiatry Project BETA Psychiatric Evaluation Workgroup <a href="https://escholarship.org/uc/item/9t41z4rb">https://escholarship.org/uc/item/9t41z4rb</a>
- Medical Evaluation and Triage of the Agitated Patient: Consensus Statement of the American Association for Emergency Psychiatry Project BETA Medical Evaluation Workgroup <u>https://escholarship.org/uc/item/881121hx</u>
- The Psychopharmacology of Agitation: Consensus Statement of the American Association for Emergency Psychiatry
  Project BETA Psychopharmacology Workgroup <u>https://escholarship.org/uc/item/5fz8c8gs</u>
- Use and Avoidance of Seclusion and Restraint: Consensus Statement of the American Association for Emergency
   Psychiatry Project BETA Seclusion and Restraint Workgroup <a href="https://escholarship.org/uc/item/0pr571m3">https://escholarship.org/uc/item/0pr571m3</a>
- Best Practices for Evaluation and Treatment of Agitated Children and Adolescents (BETA) in the Emergency Department: Consensus Statement of the American Association for Emergency Psychiatry <u>https://escholarship.org/uc/item/9253b2hz</u>







