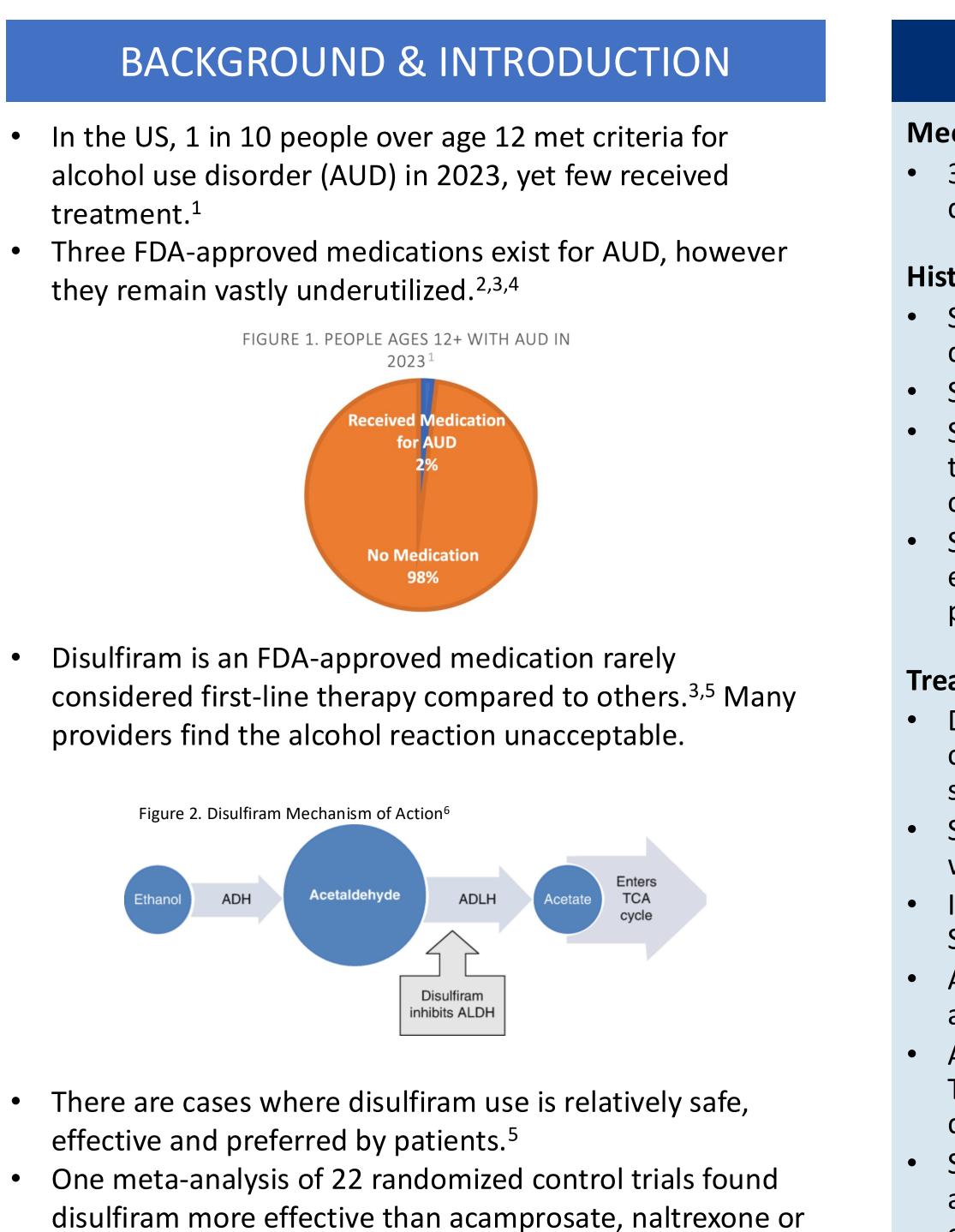
Disulfiram: An Effective Yet Underutilized Drug for AUD



no disulfiram in affecting abstinence.⁵

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CASE DESCRIPTION

Meet Patient A:

38-year-old female with history of severe AUD, tobacco use and depression, recently seen at the UCLA Addiction Medicine Clinic.

History:

- She began drinking heavily at age 26, drinking 1 box of wine over 2 days at a time.
- She also endorsed intermittent tobacco use (~1/2 pack per day).
- She was seen by multiple psychiatrists in the past. Prior AUD treatment included naltrexone, topiramate and treatment of comorbid depression.
- She continued to drink heavily. As a result, she was unable to work effectively in her job in tech & design and had to move in with her parents.

Treatment Course:

- During an initial visit to UCLA Addiction Clinic in Spring 2023, she had concerns over alcohol use and motivation to stop drinking. She started disulfiram and monthly naltrexone injections.
- She initially drank ~1-2 glasses of wine at a time and had mild nausea with disulfiram. Disulfiram use and drinking habits varied.
- In Summer 2023, she had a long hospital stay for Guillain Barre Syndrome, requiring a long course of physical rehab.
- After this, she decided to remain abstinent. She restarted disulfiram and naltrexone injections. She was able to avoid alcohol.
- After 9 months of abstinence, she chose to stop naltrexone injections. This was because her alcohol cravings were under control and she had difficulty making monthly visits for the injection.
- She remained on disulfiram, which she felt encouraged her to avoid alcohol in stressful moments.
- She has had intermittent smoking use related to the stresses of dating, however she continues to abstain from alcohol.
- As of now, she has not had alcohol in over one year.

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Discussion

What contributed to success with disulfiram?

- Patient A had strong motivation to avoid drinking
- No contraindications existed to using this medication
- Patient A understood and accepted the effects of disulfiram when mixed with alcohol
- Patient A used knowledge of possible effects to increase her motivation to avoid alcohol
- Compared to other FDA-approved AUD medications, Patient A found disulfiram to be more convenient, desirable and effective

What can we do as providers?

- Evaluate for any of our own potential biases regarding disulfiram use and how this may contribute to disparities in AUD treatment
- Increase discussion about disulfiram as a first line option for AUD that can be relatively safe and effective in the right clinical context
- Directly involve patients in decisions on medication therapies, as it aligns with their understanding, preferences and overall goals

Authors & Disclosures

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