

SESSIONS ARE RECORDED

MINNESOTA ACADEMY OF FAMILY PHYSICIANS

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YES, THERE'S FREE CME

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Minnesota Medical Association (MMA) through the joint providership of Stratis Health and the Minnesota Academy of Family Physicians. **Stratis Health is accredited by the MMA to provide continuing medical education for physicians.**

Stratis Health designates this educational activity for a maximum of 1 *AMA PRA Category* 1 *Credits*™.

Physicians should claim credit commensurate with the extent of their participation in the activity.

Continuing Education Credits and Contact Hours for Other Health Professionals

The OUD Education and Treatment ECHO Series may meet continuing education requirements for your focus. It is the responsibility of the individual to determine if this activity fulfills that requirement.

Attendance

- Please chat us the names of people on ECHO if there are multiple people in your room!
- "Re-name" your self so we know who's here!
- Please turn your video on!
 - Human connection!
 - And we do NOT care if you are eating!



Case Presentations!

The ECHO model is based on case-based learning! The case presentation form is available on the MAFP website (<u>https://bit.ly/OUDCase</u>) and in the announcements email! ***BUT feel free to present in any de-identified format!***



Upcoming *Tuesday* ECHO Sessions

- Tuesday, May 17, 2022: OUD and Stimulants
- Tuesday, June 7, 2022: OUD and Pregnancy
- Tuesday, June 21, 2022: OUD and Neonatal Opioid Withdrawal Syndrome (NOWS)
- Tuesday, July 19: Perioperative Management
- Tuesday, August 2: Community Collaboration Engagement
- Tuesday, August 16: Motivational Interviewing (MI) Lapse/Relapse

Upcoming <u>Wednesday</u> ECHO Sessions

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- Wednesday, May 4, 2022 Fentanyl Test Strips Part 3, with Charlie Reznikoff, MD
- Wednesday, May 11, 2022 The Pharmacotherapy of Alcohol Use Disorder, with Ricardo Restrepo, MD, MPH
- Wednesday, May 18, 2022 Understanding East African Clients, with Yussuf Shafie, MSW, LICSW, CEO, Alliance Wellness Center
- Wednesday, May 25, 2022
 The Opioid Epidemic From The Perspective of an Emergency Physician and Toxicologist at a Safety-Net Hospital, with Jon Cole, MD, Hennepin Healthcare

"The Addiction Connection Podcast"

Weekly addiction topics- Tuesday release day!

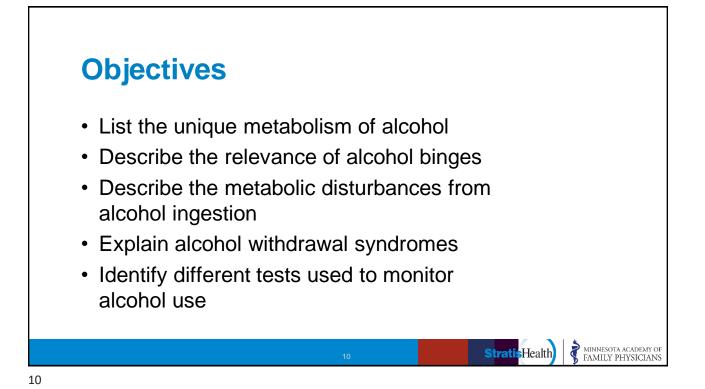
www.buzzsprout.com/954034

(Or anywhere you get your podcasts!) Email us questions: theaddictionconnectionpodcast@gmail.com

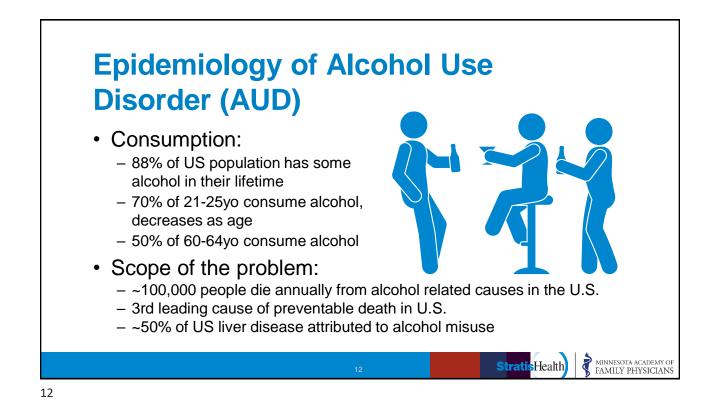












Epidemiology of AUD cont.

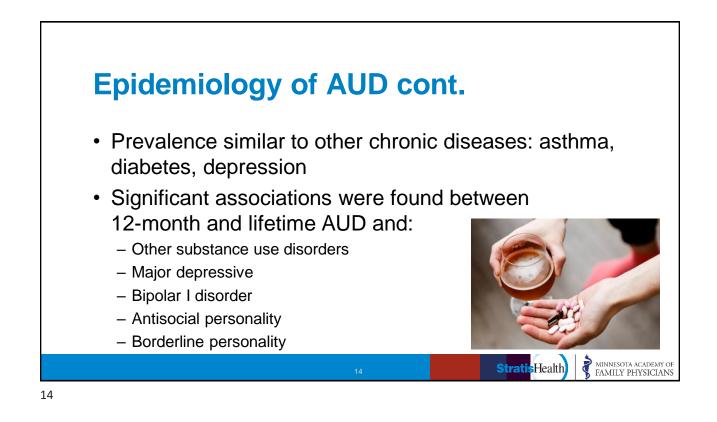
- Prevalence of AUD:
 - Lifetime: 29.1%
 - 12 month: 13.9%
 - 15.1 million adults have AUD
 - 20% of the drinking population
 drinks 80% of EtOH (ethyl alcohol) sold

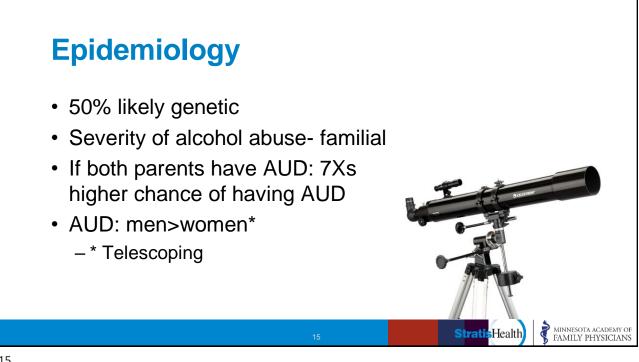


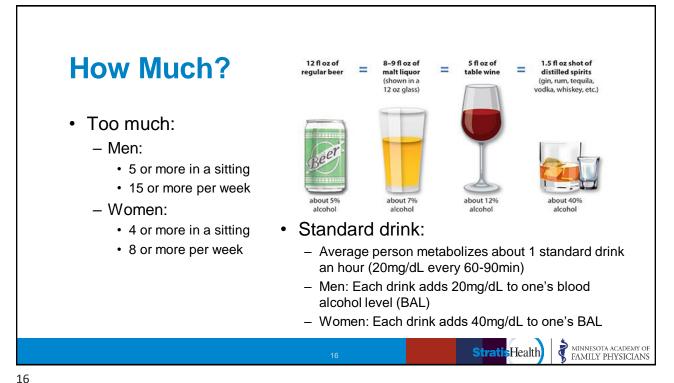
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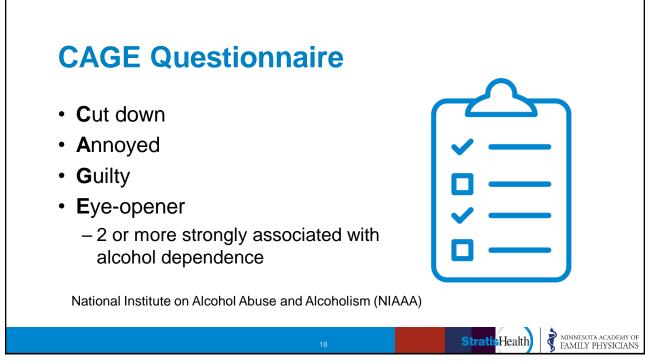
Only 19.8% of respondents with lifetime AUD treated







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Questions	Scoring Table					• 0-	3: Health Promotion
	0	1	2	3	4		5: Brief Intervention
How often do you have a drink containing alcohol?	Never	Monthly or less	2 - 4 times per month	2-3 times per week	4+ times per week	-	7: Brief Intervention + narm +/- psychosocial
How many units of alcohol do you drink on a typical day when you are drinking?	1-2	3-4	5 - 6	7 – 9	10+	+/	9: Pharmacotherapy - psychosocial +/- pecialty care
How often have you had 6 or more units if female, or 8 or more if male, on a single occasion in the last year?	Never	Less than Monthly	Monthly	Weekly	Daily or almost Daily)-12: Specialty care anagement

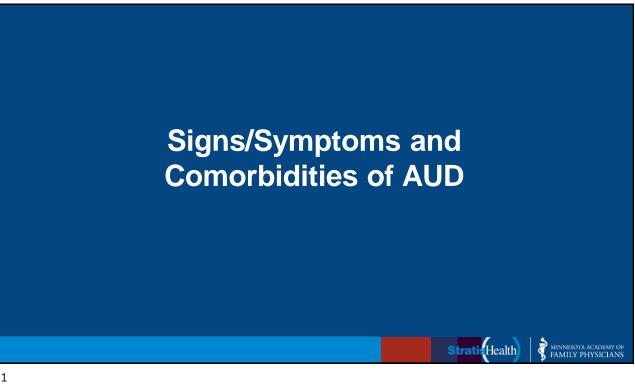
DSM-V: Criteria for AUD

- 1. Had times when you ended up drinking more, or longer, than you intended?
- 2. More than once wanted to cut down or stop drinking, or tried to, but couldn't?
- 3. Spent a lot of time drinking? Or being sick or getting over other aftereffects?
- 4. Wanted a drink so badly you couldn't think of anything else?
- 5. Found that drinking-or being sick from drinking-often interfered with taking care of your home or family? Or caused job troubles? Or school problems?
- 6. Continued to drink even though it was causing trouble with your family or friends?
- 7. Given up or cut back on activities that were important or interesting to you, or gave you pleasure, in order to drink?

National Institute on Alcohol Abuse and Alcoholism (NIAAA)

- 8. More than once gotten into situations while or after drinking that increased your chances of getting hurt (such as driving, swimming, using machinery, walking in a dangerous area, or having unsafe sex)?
- 9. Continued to drink even though it was making you feel depressed or anxious or adding to another health problem? Or after having had a memory blackout?
- 10. Had to drink much more than you once did to get the effect you want? Or found that your usual number of drinks had much less effect than before?
- 11. Found that when the effects of alcohol were wearing off, you had withdrawal symptoms, such as trouble sleeping, shakiness, restlessness, nausea, sweating, a racing heart, or a seizure? Or sensed things that were not there?

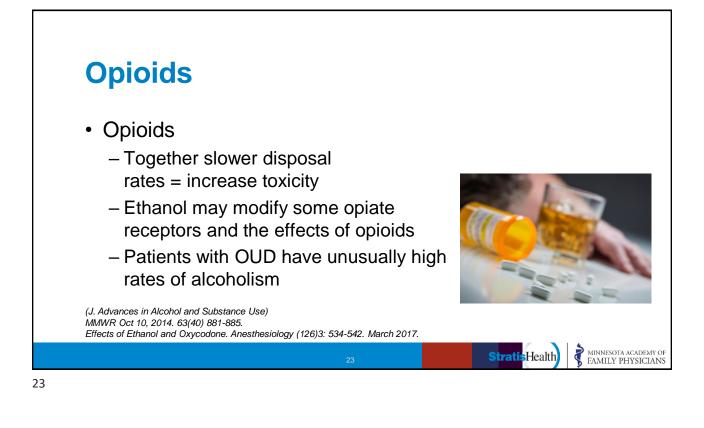


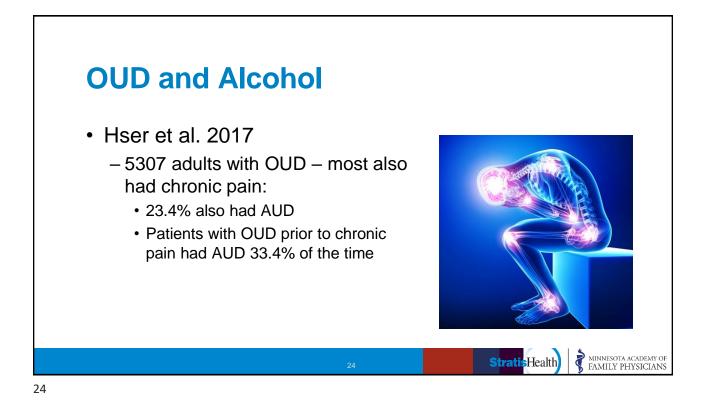


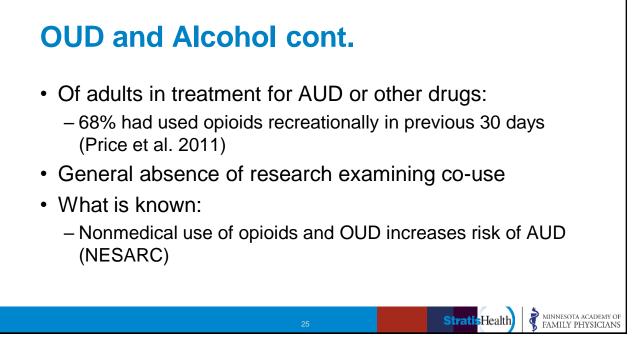


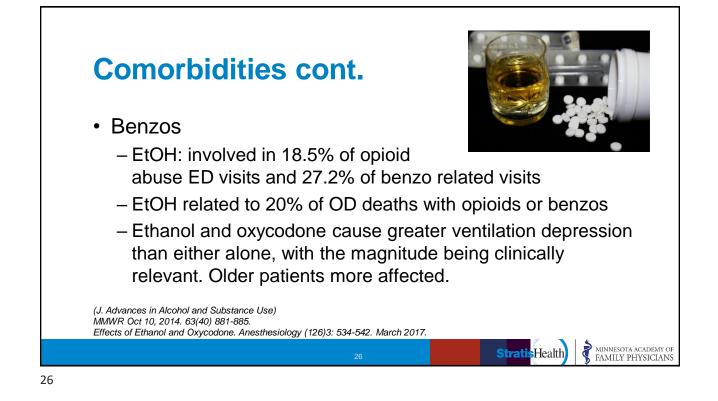
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 Signs Symptoms - Ascites - GI bleeds - Skin changes - Sleep disturbance/ - Telangiectasia apnea - DWI Icterus - Violence - Hypertension - Falls - Cardiomyopathy - Memory issues - Hepatomegaly - Esophageal cancer - Rhinophyma - Stomach cancer - Muscle wasting MINNESOTA ACADEMY OF FAMILY PHYSICIANS Stratis Health





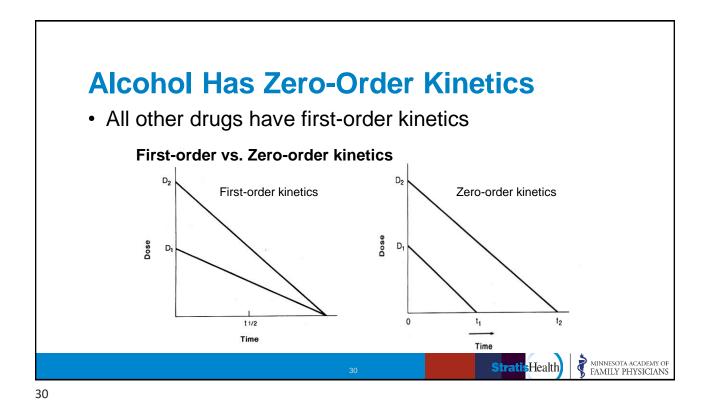


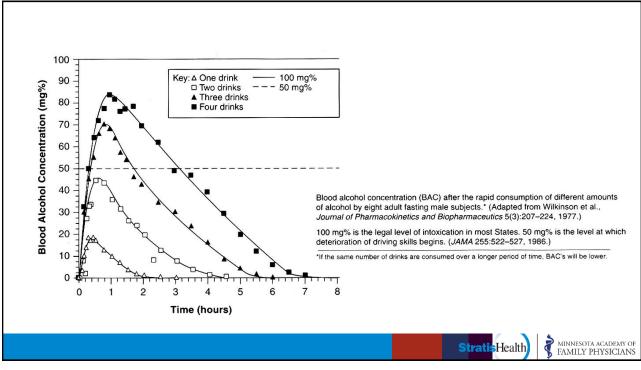


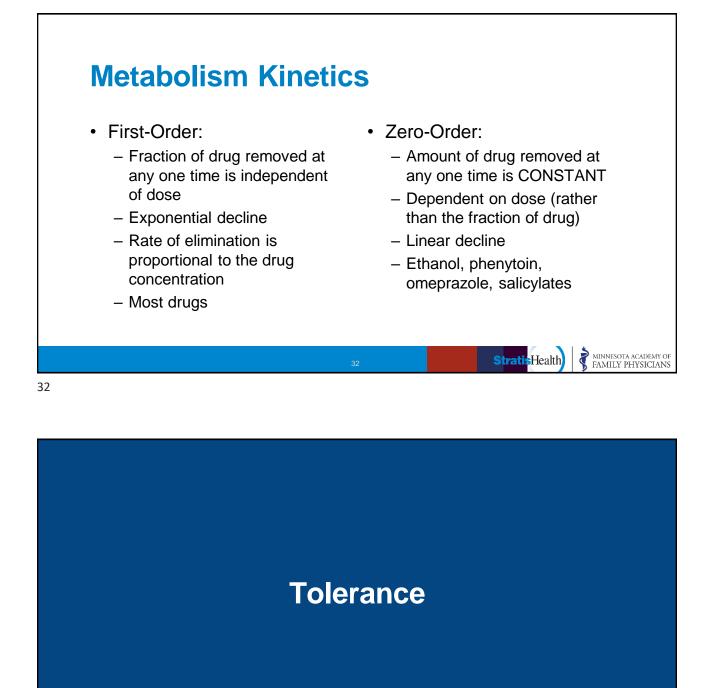




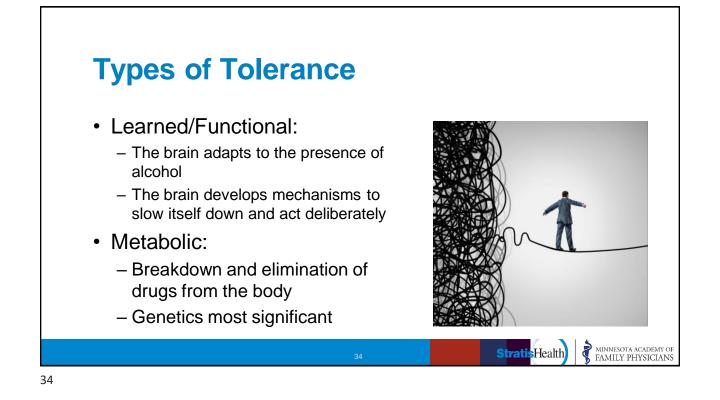






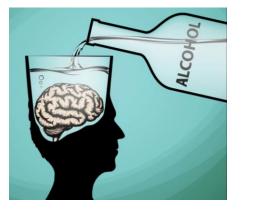


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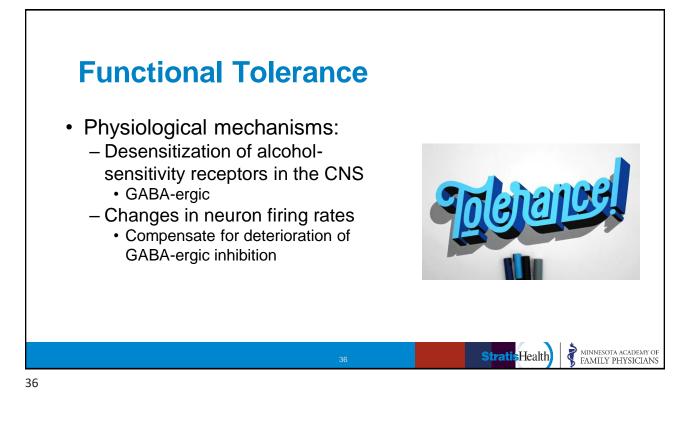


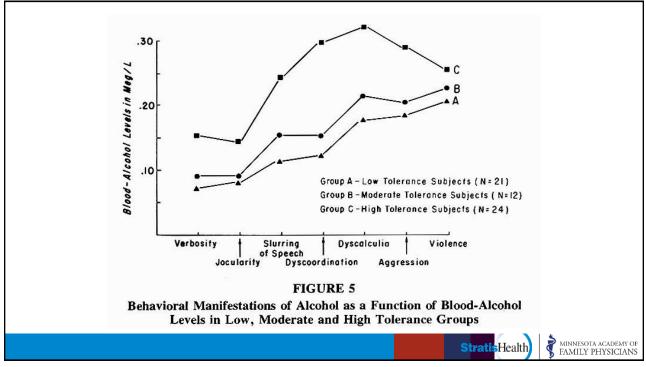
Functional Tolerance

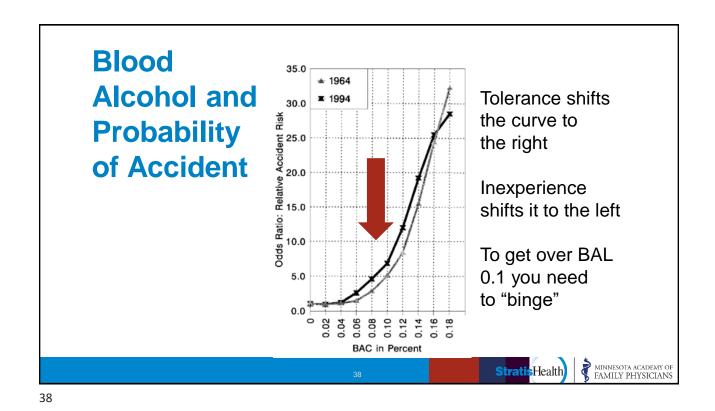
- Practiced tasks while under the affects of alcohol
- Tasks become "easier" and performed "better" with practice
- Bar A-> Home vs Bar B-> home
- *Several other types of functional tolerance... that'll be another talk!

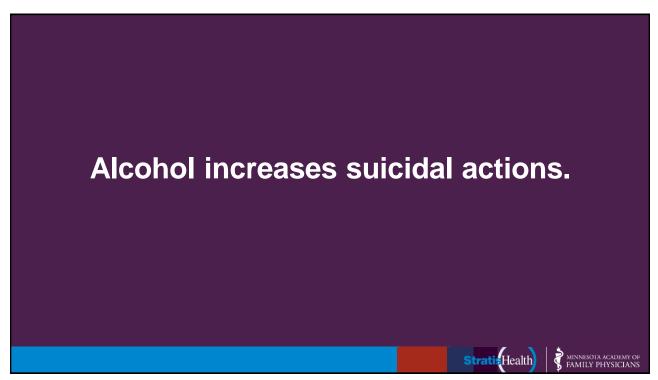


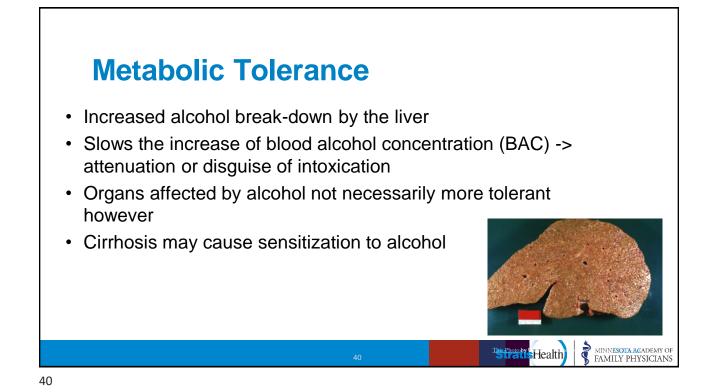
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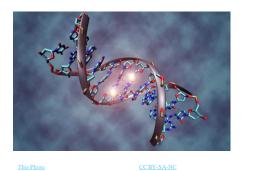




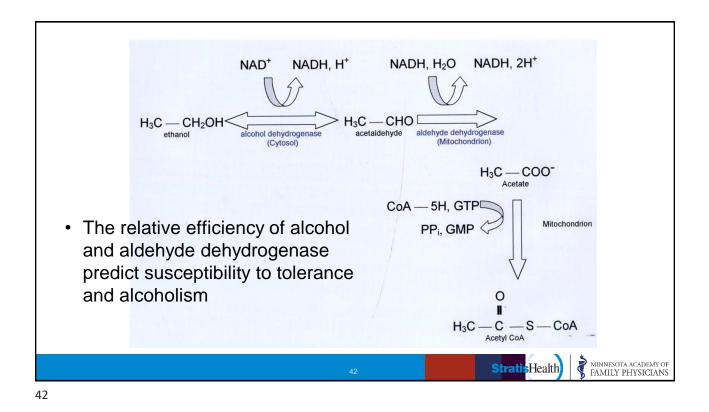


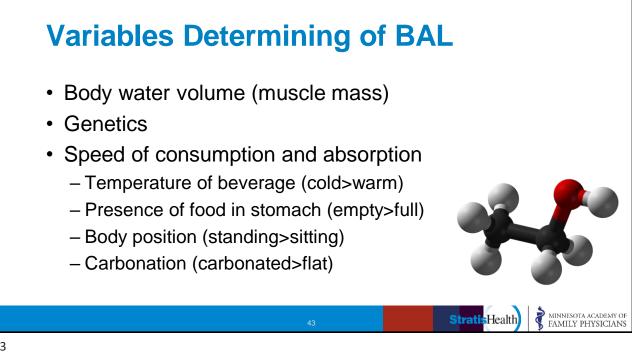
Metabolic Tolerance

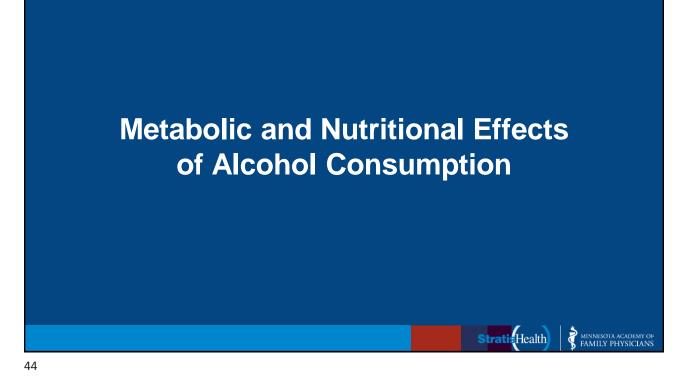
- Alcohol dehydrogenase (ADH) enzymes increase their activity (and likely overall amount)
 - Mechanism not well understood
 - (Barbiturates also do this to ADH...)
 - Genetic influence



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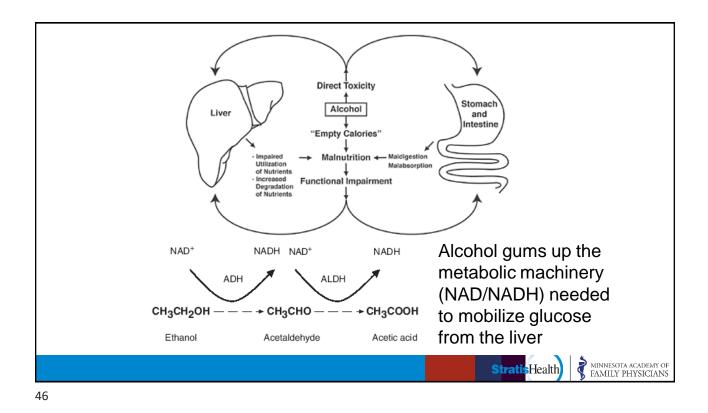




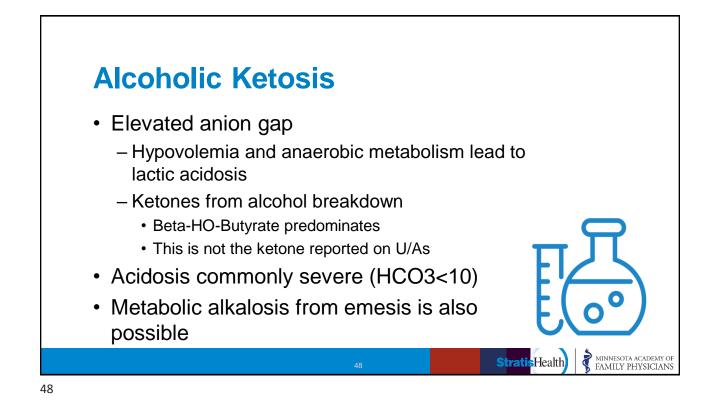


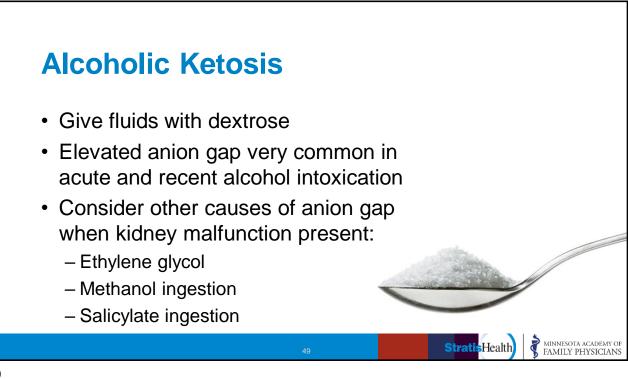
 Alcoholic ketosis (ketoacidosis) is starvation ketosis complicated by build up of acidic alcohol metabolites





Alcoholic Ketosis cont. Low carbohydrate intake puts the body in a catabolic state Decreased gluconeogenesis due to alcoholic hepatitis Increased acid load to the body due to byproducts of alcohol and anaerobic metabolism blockades sugar mobilization





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Remember: He is malnourished!

 People who drink a case of beer daily (more than 3000 calories) gain weight without eating any food. They are profoundly malnourished and at risk of vitamin and electrolyte abnormalities.

> "How many meals do you eat per day?" "What do you eat?"



Watch electrolytes, give multivitamin

- Thiamine: Wernicke's probably more common than you think
- Potassium: will fall w/correction of acidosis
- Phosphorus: will fall with refeeding
- Magnesium: needed for K+ replacement



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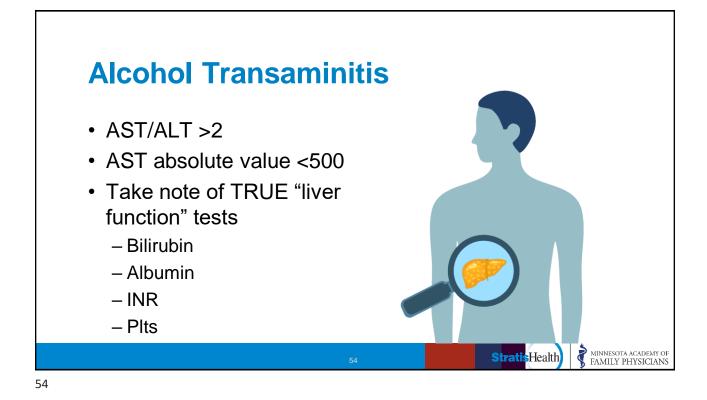
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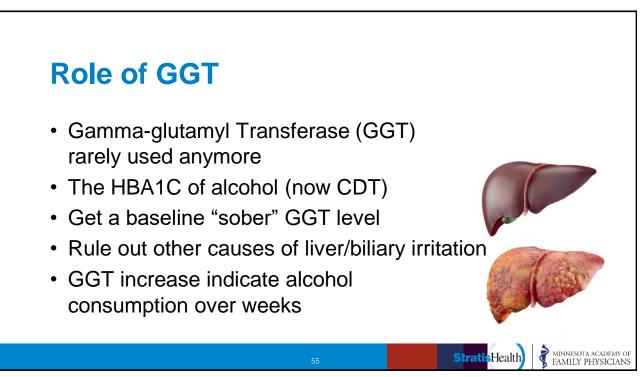
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· These may be persistently low, as in refeeding syndrome

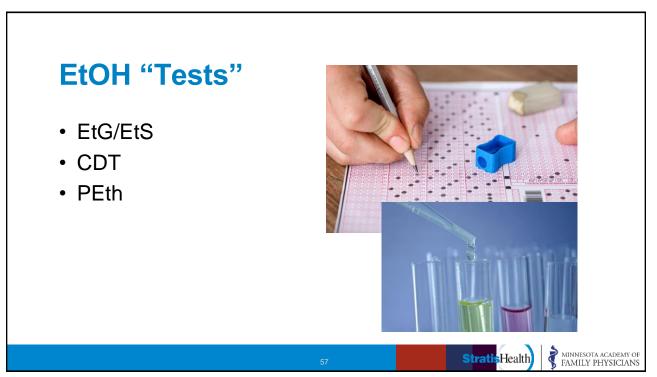


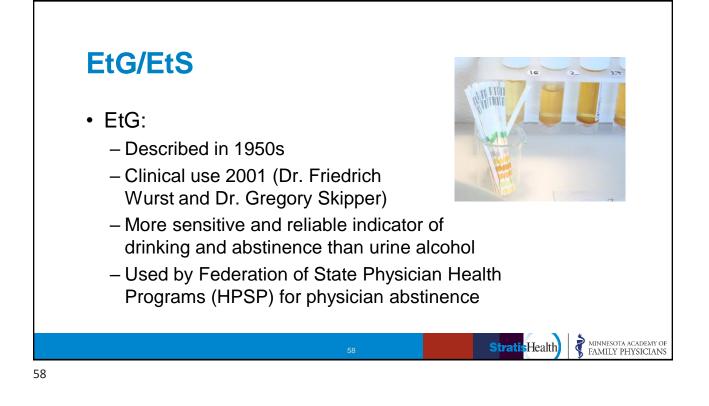


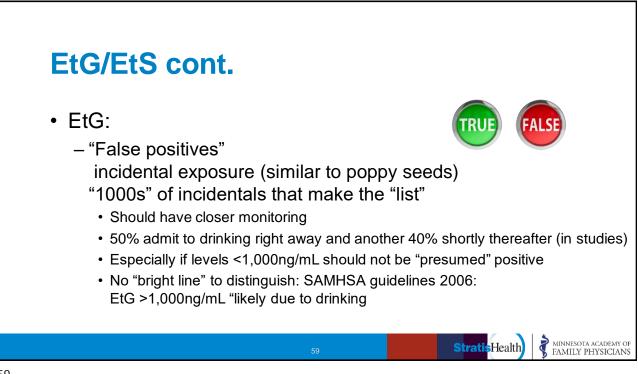


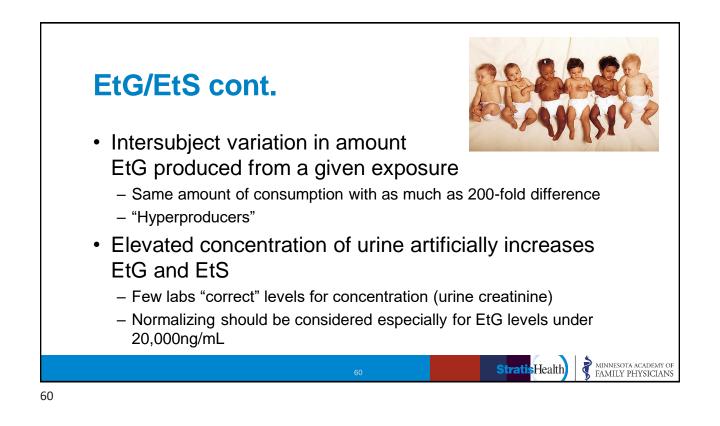




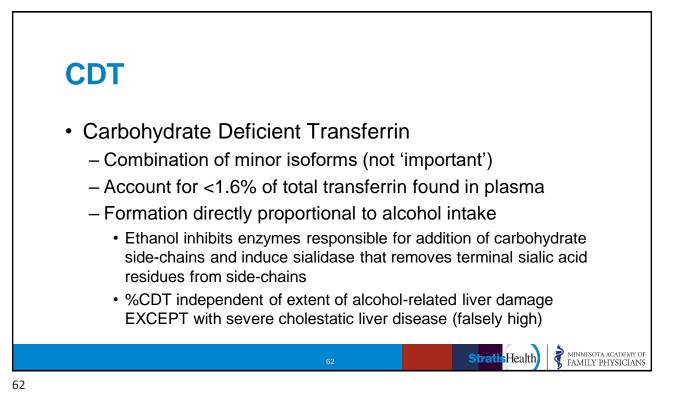


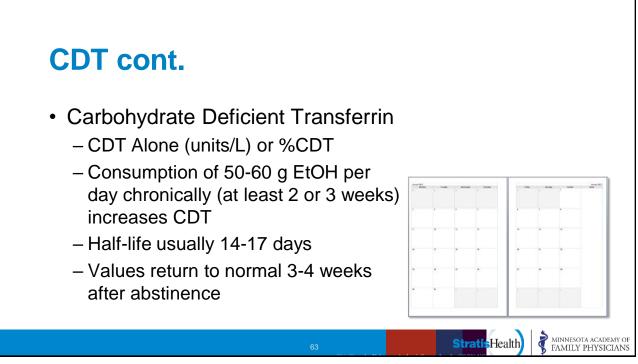


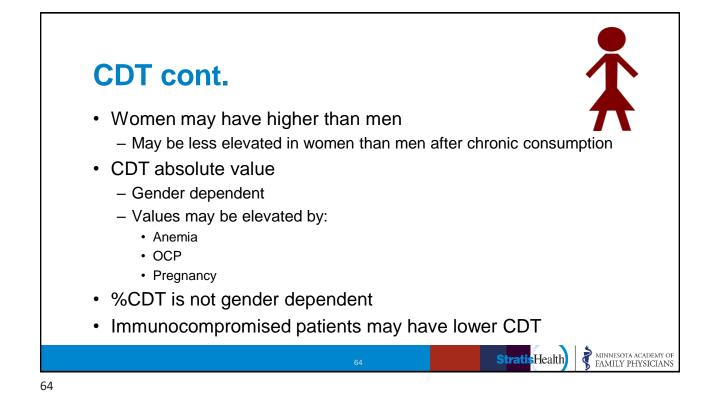


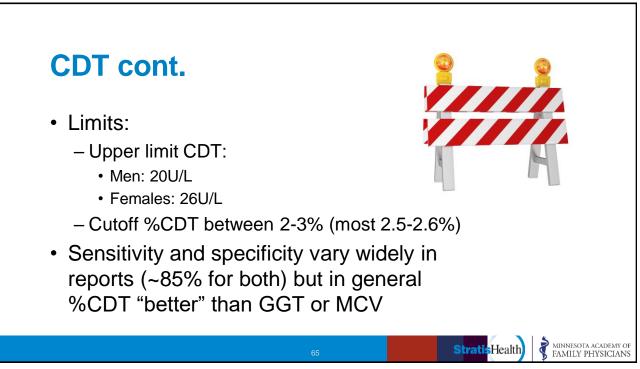


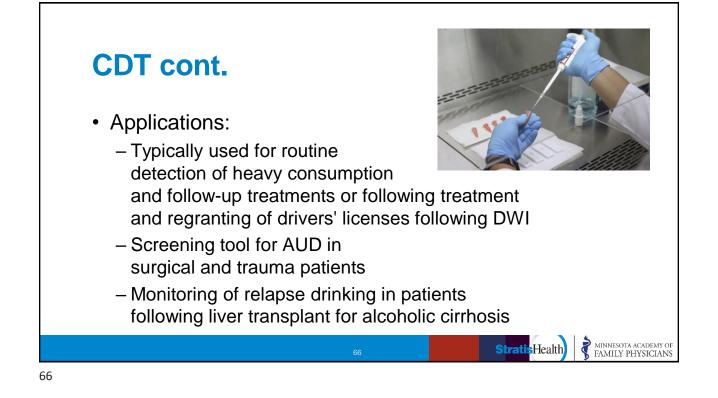


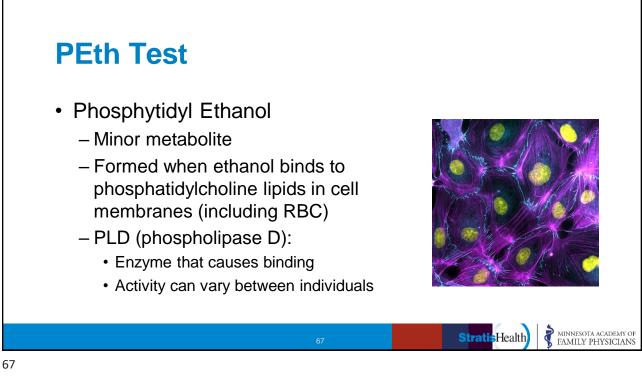


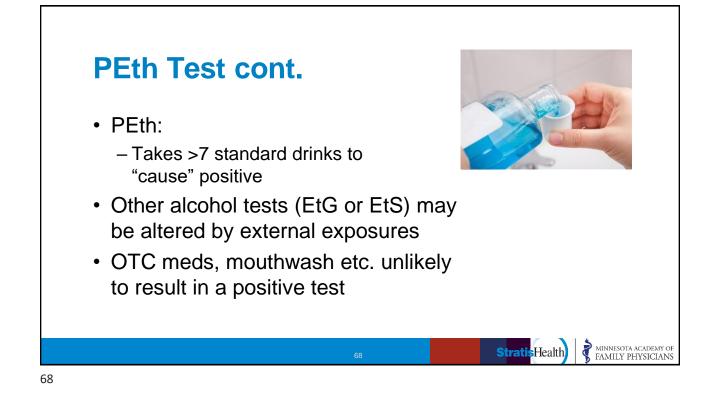




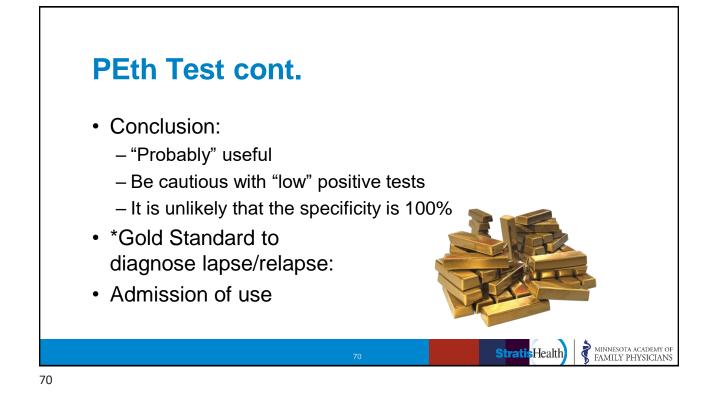


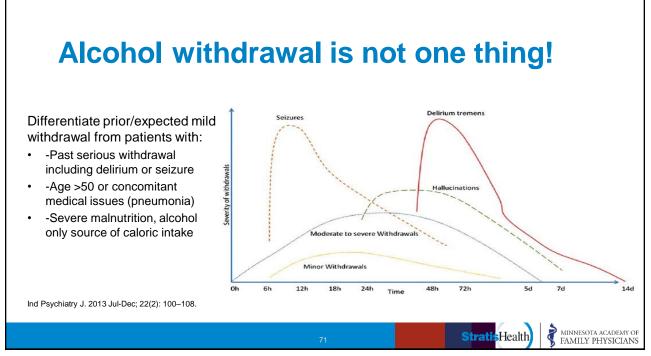


















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