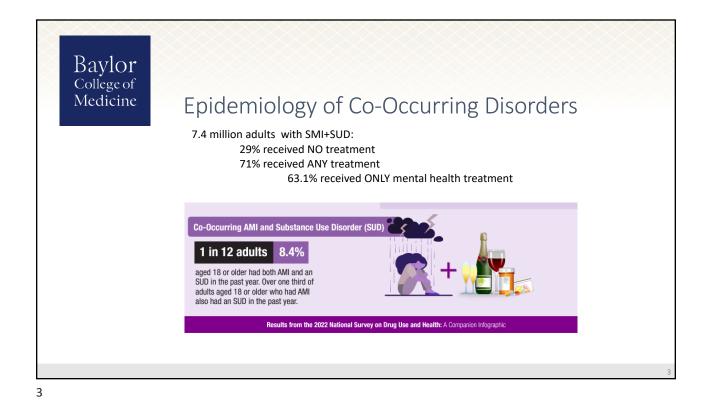
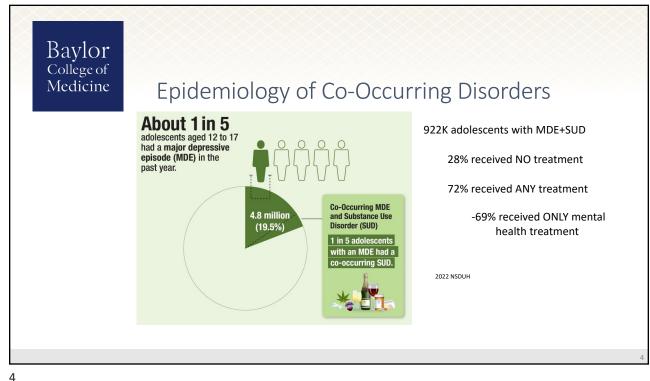
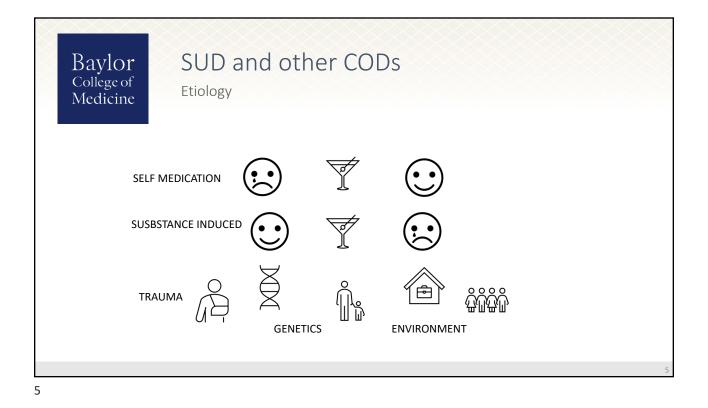
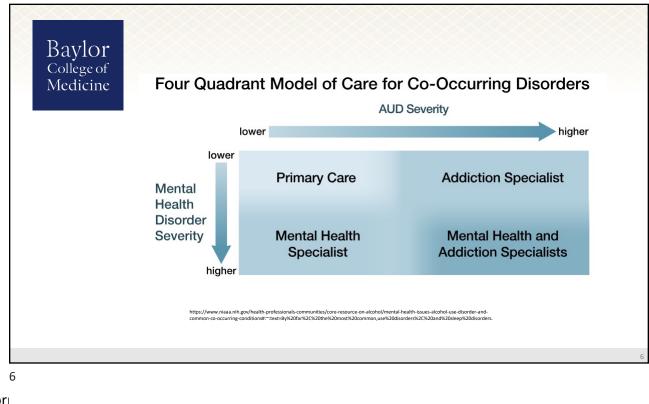


the information outlined in this presentation.

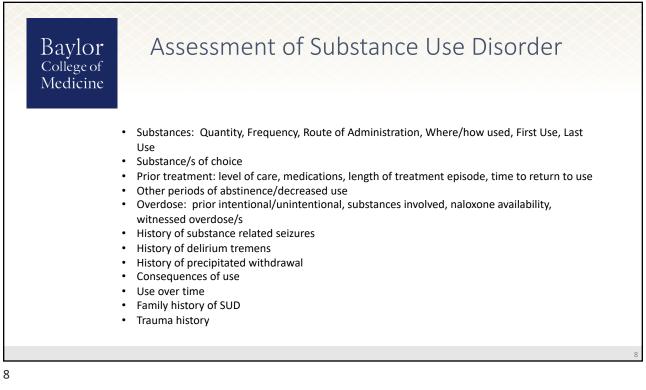








Baylor	Assessment of Substance Use Disorder
College of Medicine DSM-5 Diagnosi	 2 - 3 of the following criteria for > 1 year = mild SUD 4 - 5 of the following criteria for > 1 year = moderate SUD 6+of the following criteria for > 1 year = severe SUD
	 Role impairment Hazardous use (e.g. driving while intoxicated) Cravings for substance
DSM-5 Criteri	 Social or interpersonal problems due to substance Tolerance Withdrawal symptoms Using the substance more than intended Unsuccessful attempts to cut down Excessive time related to substance
	 Impaired social or work activities Use despite physical/ psychological consequences

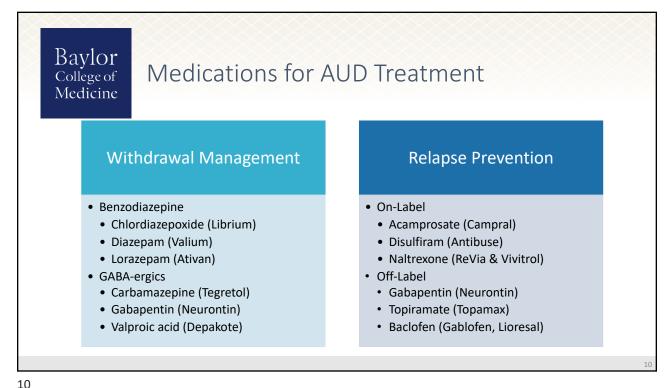


Baylor College of Medicine

Assessment of Co-Occurring Disorders

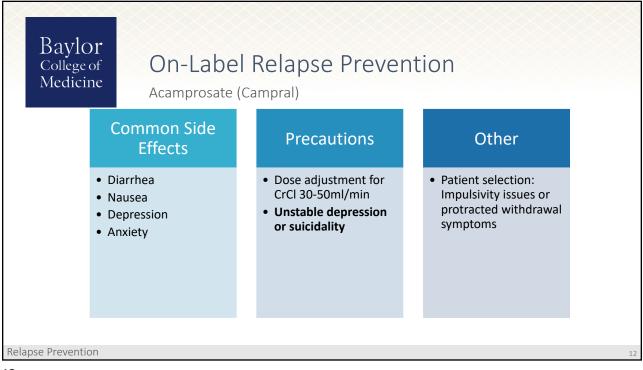
- Onset of symptoms (lifetime)
- Symptoms prior to substance use initiation and/or during periods of abstinence
- Current and prior suicidality/homicidality/hallucinations
- Current and prior diagnoses
- Prior hospitalizations
- Current and prior behavioral and medication treatments and effectiveness/side effects
- Family history of mental illness
- Trauma history

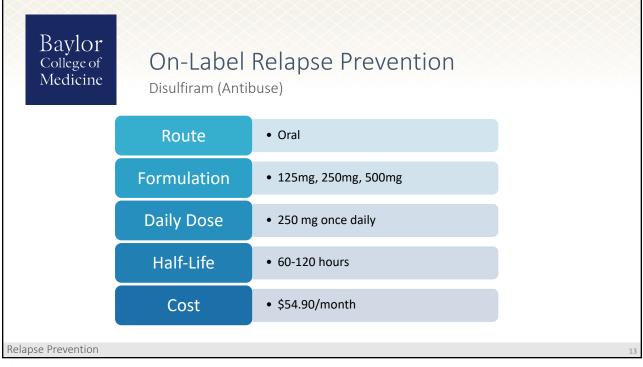
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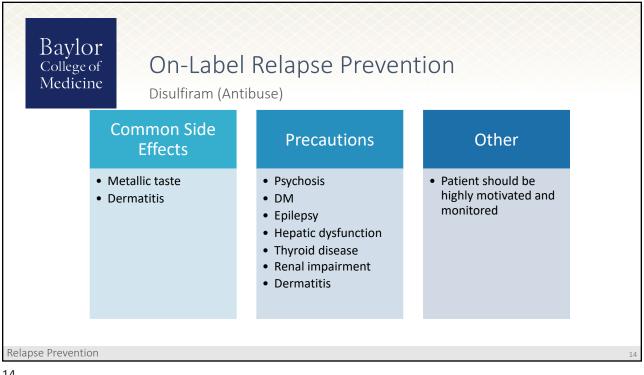
Baylor College of Medicine	College of On-Label Relapse Prevention			
	Route	• Oral		
	Formulation	• 333 mg		
	Daily Dose	 2 x 333mg tab po TID or 3 x 333mg tab po BID 		
	Half-Life	• 20-33 hours		
	Cost	• \$70-200/month		
Relapse Prevention			11	

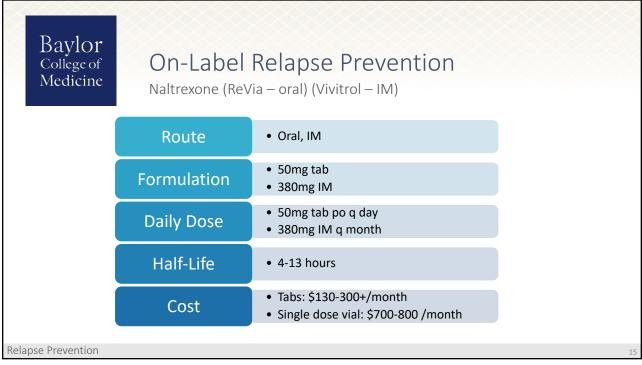


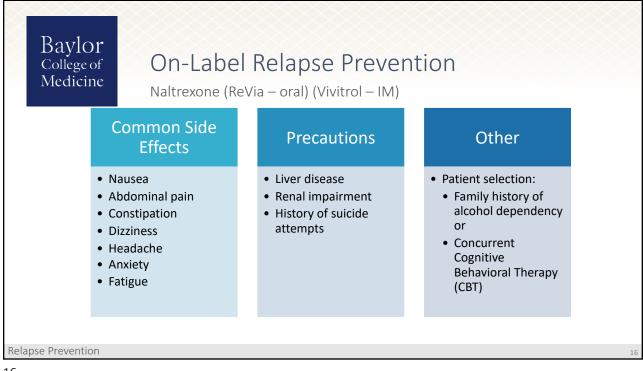








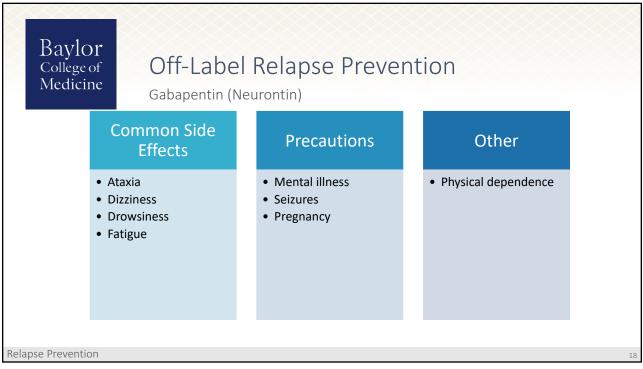






Baylor College of Medicine	College of Off-Label Relapse Prevention			
	Route	• Oral		
	Formulation	100mg, 300mg, 400mg capsules600mg, 800mg tablets		
	Daily Dose	 900-1800mg divided into 2 to 3 doses daily 		
	Half-Life	• 5-7 hours		
	Cost	• \$8-250/month		
Relapse Prevention				

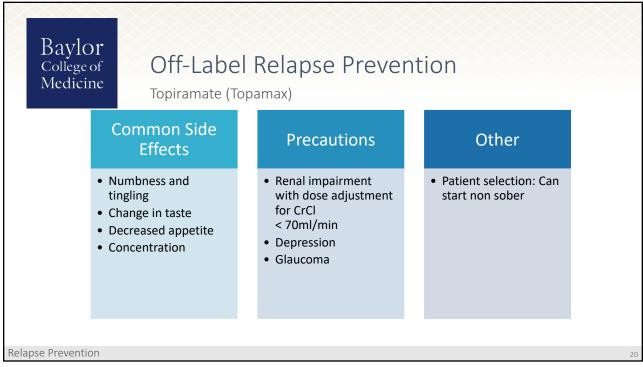






Baylor College of Medicine	Off-Label Topiramate (Top		
	Route	• Oral	
	Formulation	 25mg, 50mg, 100mg tabs 	
	Daily Dose	• 300mg/day po max	
	Half-Life	• 19-23 hours	
	Cost	• \$9-500/month	
Relapse Prevention			

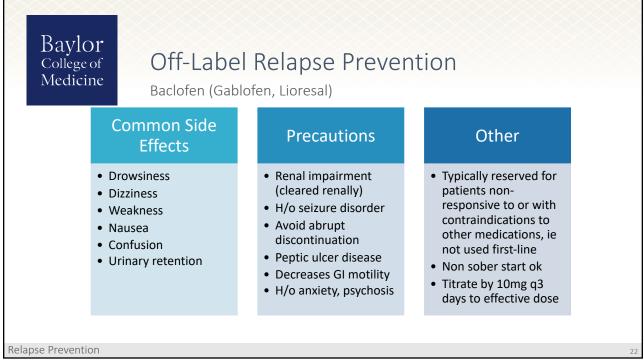




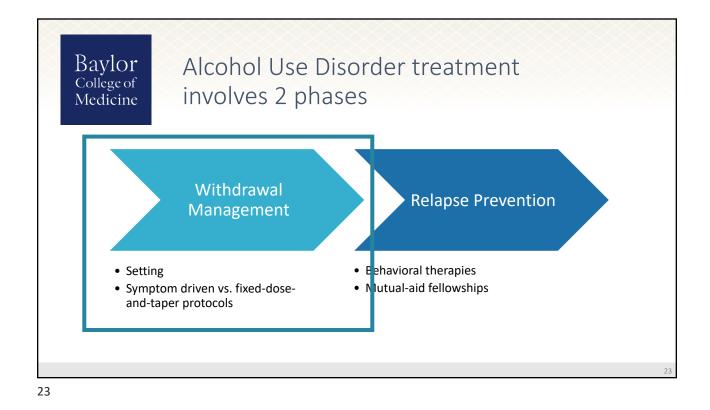


Baylor College of Medicine	Off-Label Baclofen (Gablot		
	Route	• Oral	
	Formulation	 5mg, 10mg, 20mg tabs 	
	Daily Dose	• 60mg-180+mg daily, in divided doses	
	Half-Life	• 2-6 hours	
	Cost	• \$60-300/month	
Relapse Prevention			

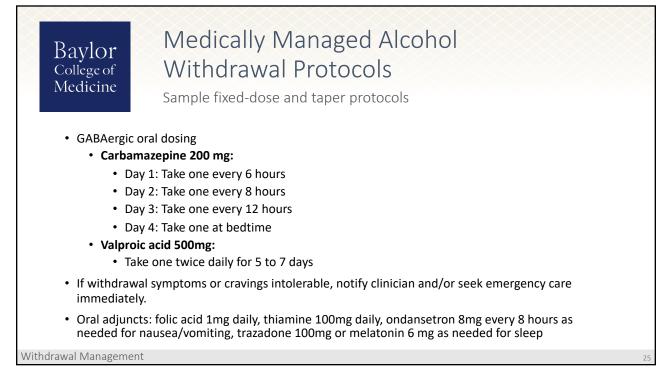




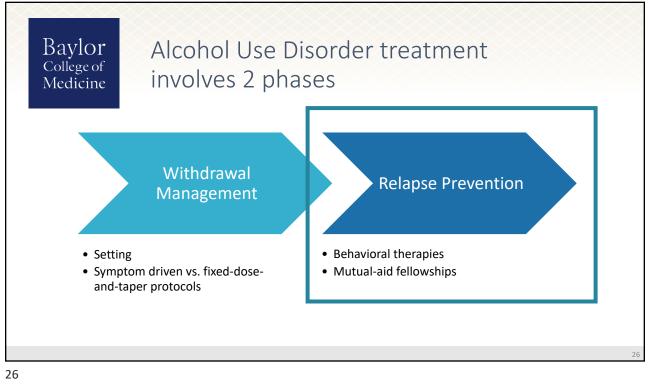


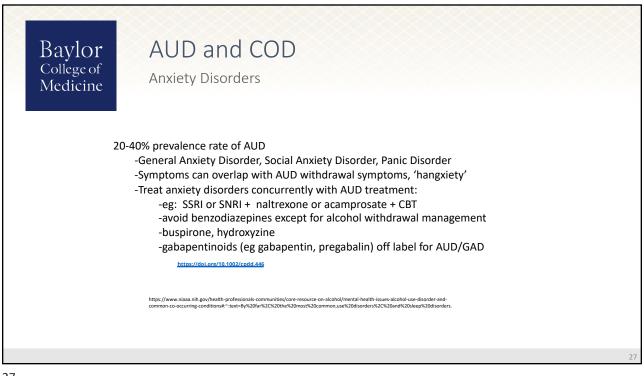


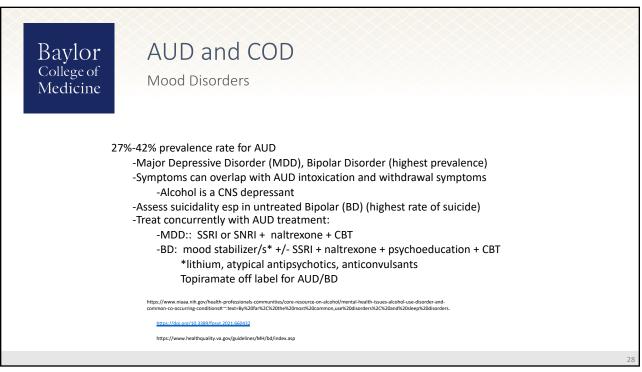
Baylor ^{College of} Medicine	Determining the safety of ambulatory,				
Am	oulatory Setting Safer	Inpatient/Residential Treatment Safer			
	What is the patient's	home environment?			
 Patient has a environment 	i safe, sober, supportive home	 Patient lives alone Unstable housing Experiencing ongoing trauma Substance use by others in home 			
	What is the patient	's cognitive status?			
	ntact manage medication or has someone o them manage medication	 Patients with cognitive impairment Doesn't have anyone who is able and willing to manage their medications for them 			





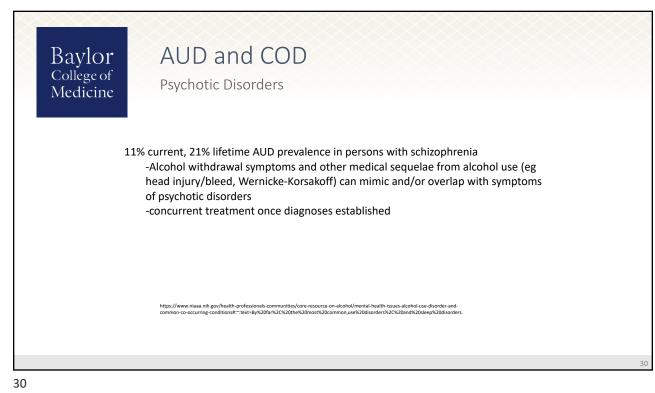


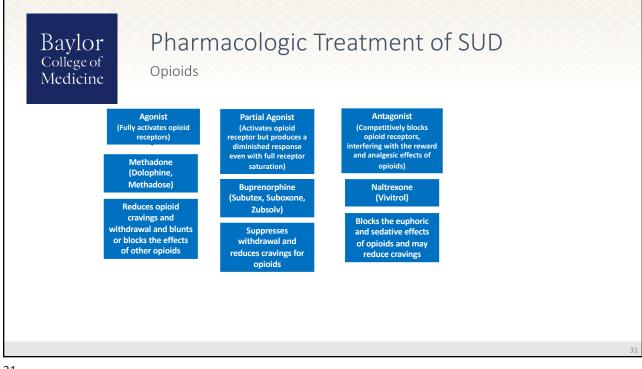




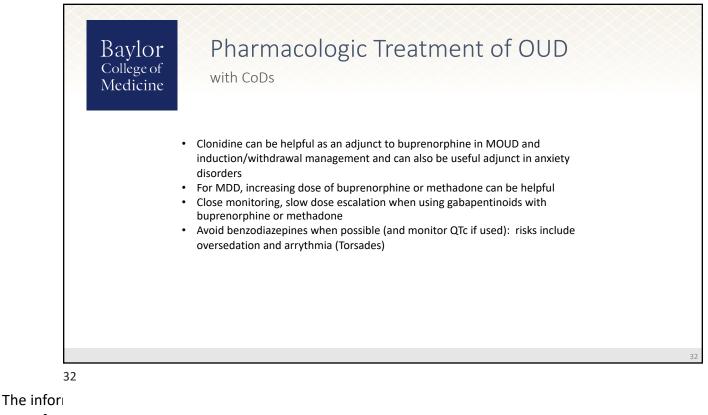
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Baylor College of Medicine	AUD and COD Post Traumatic Stress Disorder	
	15-30% prevalence in AUD, 50-60% in veterans with AUD -AUD increases risk of traumatic events -Self-medication with alcohol common in persons with PTSD -Common mediators of both (ACEs, prior depressive symptoms) -Treat PTSD concurrently with AUD treatment: -trauma-focused therapy + disulfiram -prazosin off-label for sleep/nightmares	
	https://www.ptsd.va.gov/professional/treat/cooccurring/tx_sud_va.asp	
	https://www.niaaa.nih.gov/health-professionals-communities/core-resource-on-alcoho//mental-health-issues-alcohol-use-disorder-and- common-co-occurring-conditions#text=8y%20far%2C%20the%20most%20common,use%20disorders%2C%20and%20Sleep%20disorders.	
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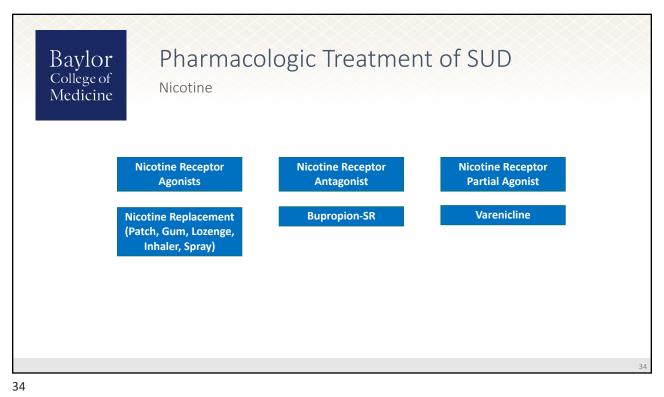








Baylor College of Medicine	Pharmacologic Treatment of SUD	
	Adults with SMI have DOUBLE the rate of nicotine use (~25%) as the general population with rates at or over 70% for those with some disorders eg Bipolar disorders, schizophrenia	
	Nicotine Use Disorder commonly co-occurs with other substance use and SUDs eg AUD, psychedelics (route of administration)	
	~Half of mental health facilities screen for nicotine use, 38% offer nicotine cessation counseling, 49% are smoke free	
	64% of SUD treatment centers screen for nicotine use, 47% offer nicotine cessation	
	counseling, 35% are smoke free, 25% offer pharmacotherapy (includes NRP)	
	chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/https://store.samhsa.gov/sites/default/files/sma18-5069qp.pdf	
	Marynak K. YanFrank B, Tettov S, et al. Tobacco Cessation Interventions and Smoke-Free Policies in Mental Health and Substance Abuse Treatment Facilities — United States, 2016. MMWR Morb Montal Wkly Rep 2018;67:519-523. DOL: <u>http://dx.doi.org/10.15585/mmwr.mm6718a3</u>	
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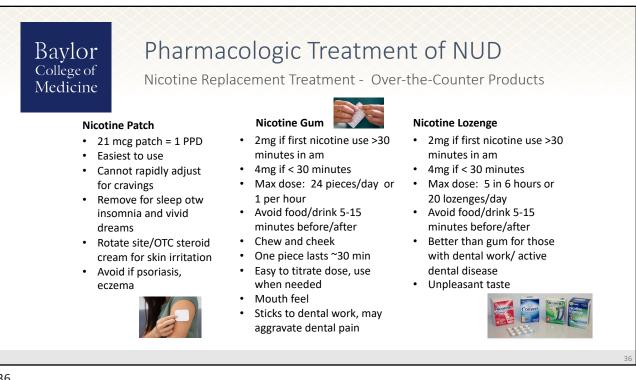
Baylor College of Medicine

Pharmacologic Treatment of SUD

Nicotine

	отс/		
Medication	Rx	Use	Cost per dose
		Daily	
Nicotine patch	отс	Steady state	2.00\$-2.92\$ (daily dose)
		PRN	0.27\$-0.82\$ per piece (1.35-16.40\$ for 5 to
Nicotine gum	отс	Craving rescue	20 pieces daily dose)
Nicotine		PRN	0.39\$-0.40\$ (1.95-8.00\$ for 5 to 20 pieces
lozenge	OTC	Craving rescue	daily dose)
Nicotine		PRN	2.77\$ per cartridge, recommended 6-16
inhaler	Rx	Craving rescue	cartridges daily (16.62-44.32\$/day)
Nicotine nasal		PRN	6.11\$ per 40mg or 80 sprays average daily
spray	Rx	Craving rescue	dose
Bupropion SR		Daily	
150	Rx	Steady state	0.99-1.13\$ (daily dose)
		Daily	
Varenicline	Rx	Steady state	8.42\$ (daily dose)

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Pharmacologic Treatment of NUD

Prescription Medications

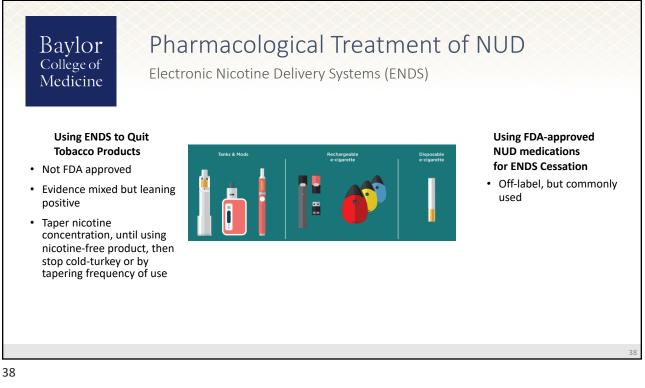
Bupropion

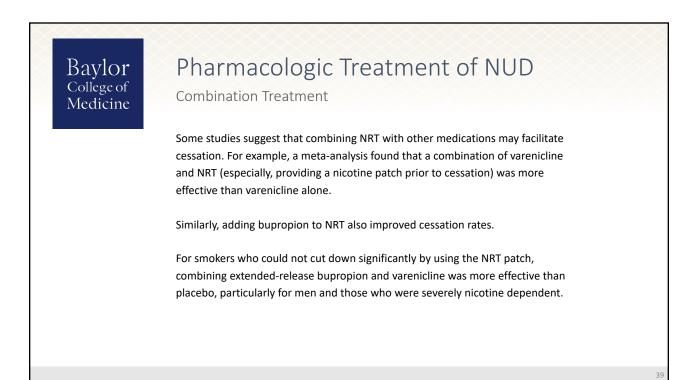
- 150mg pill, once daily for 3 days then twice daily
- Start 1-2 weeks before quit date
- Abrupt cessation (preferred) OR
- 50% decrease by week 4>>>
- Additional 50% decrease by week 8>>>
- Quit by week 12
- Insomnia/dry
- mouth/constipation/agitation
- Blunts post-cessation weight gain
- NOT if seizure history or eating disorder
- Monitor for suicidality

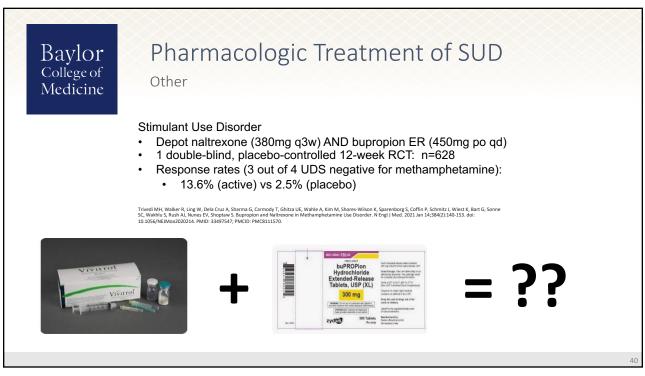
Varenicline

- 0.5mg pill daily x 3 days, then 0.5mg pill twice daily x 4 days, then 1mg pill twice daily
- Start 1-2 weeks before quit date OR
- 50% decrease by week 4>>>
- Additional 50% decrease by week 8>>>
- Quit by week 12
- Duration of treatment = 12 weeks
- Insomnia/nausea/vivid dreams/headache
- Relieves nicotine withdrawal AND blunts rewards
- Caution in severe renal disease
- Avoid if unstable psych/PTSD/suicidal ideation
- Monitor for suicidality

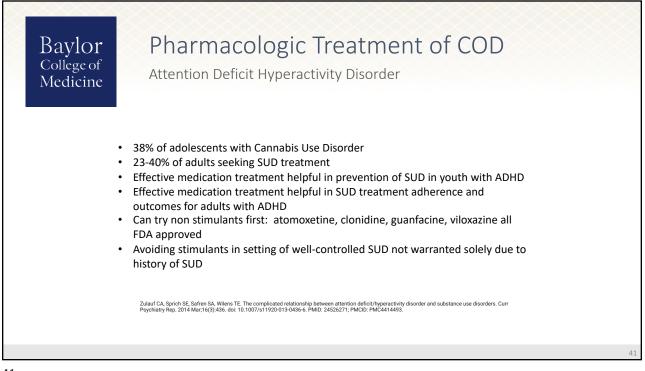
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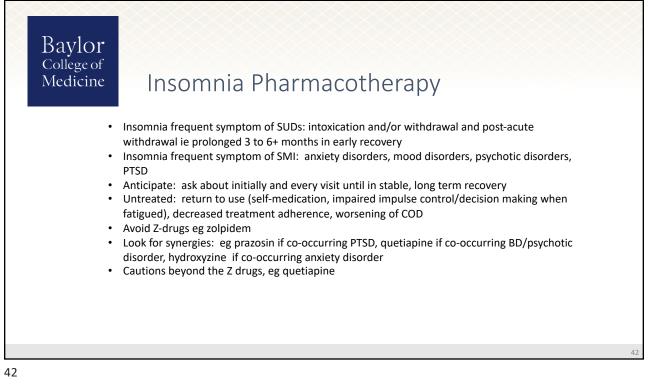






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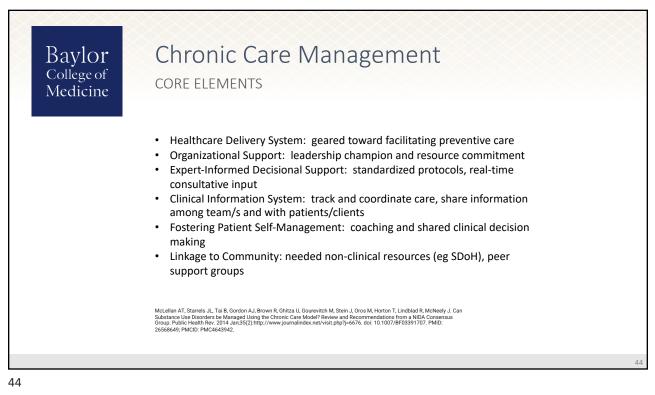


Baylor College of Medicine

Integrated Care

What would, could, should, does 'ideal' look like?

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 Baylor
College of
Medicine
 Screening for Alcohol Use
(and other substance use)

 Grade B Recommendation of the USPSTF for adult patients
(United States Preventive Services Task Force)

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Excessive drinking levels for healthy adults are defined as:

Persons	Per Occasion	Per Week
Men (21+)	> 4 drinks	> 14 drinks
Women (21+)	> 3 drinks	> 7 drinks
Men (65+)	> 3 drinks	> 7 drinks
In pregnancy	> 0 drinks	> 0 drinks
All < 21	> 0 drinks	> 0 drinks

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Baylo College Medicii	of Evid	ence-based	Screen	ing Tools	for SUD
Name	Substances	Number of items	Time to administer	Administers	Additional Notes
ASSIST	Nicotine, Alcohol & common drug of misuse (CDM)	(2-8) – multiple questions per substance patient using	10 min.	Patient and Staff (Staff scores)	Built-in feedback, patient ed
audit/ Audit-c	Alcohol only Alcohol only	10 3	5 min. 3 min.	Patient or Staff Patient or Staff	AUDIT-C for initial screen, full AUDIT if positive
CAGE/ CAGE-AID	Alcohol only Alcohol and CDM	4 4	2 min. 2 min.	Patient or Staff Patient or Staff	Doesn't distinguish between lifetime/ current problem

Bayle College Medic	of Scre	ening Tool	s for SU	D	
Screener Name Substances		Number of items	Time to administer	Administers	Additional Notes
CRAFFT/ CRAFFT+ N	Alcohol and CDM Nicotine, Alcohol, CDM	4-9 items 5-10 items	2-5 min. 2-5 min.	Patient preferred Patient preferred	Only validated screen for adolescents
DAST-10	CDM only	10	5 min.	Patient or Staff	Often used with AUDIT
SQAS SQDS	Alcohol only CDM only	1 1	1 min. 1 min.	Patient or Staff Patient or Staff	Rapid screens, distinguish excessive use and SUD
TAPS tool	Nicotine, Alcohol, CDM	(4+) – questions per substance patient using	5-10 min.	Patient or Staff (auto scores)	Derived from ASSIST, briefer, online tool

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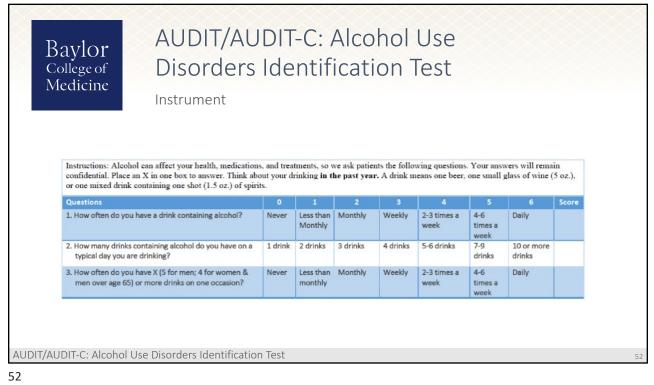
ASSIST: Alcohol, Smoking and Substance Involvement Screening Test

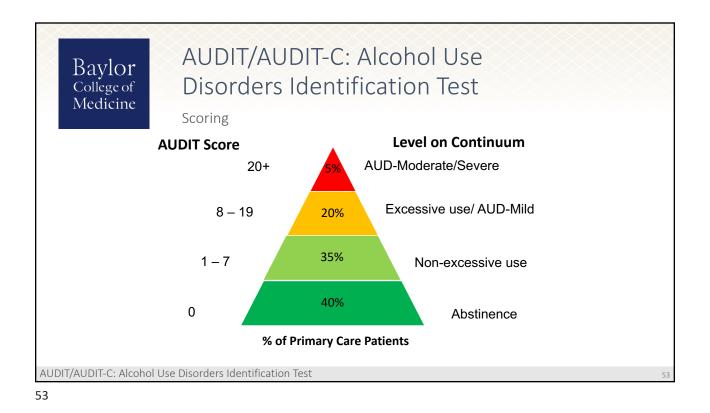
- Complex to administer and score
- Developed by World Health Organization
- Available in numerous languages
- Cross-culturally validated
- Median sensitivity and specificity: 80% and 71%

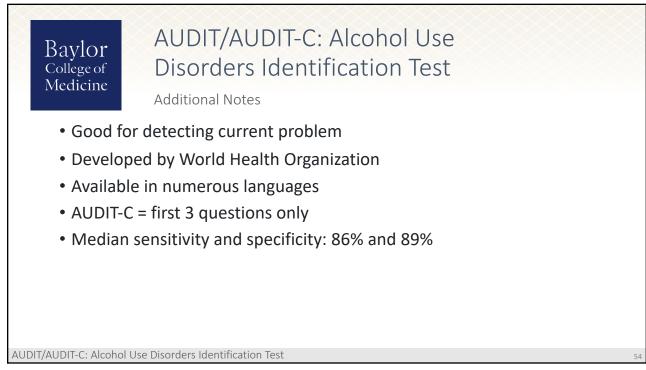


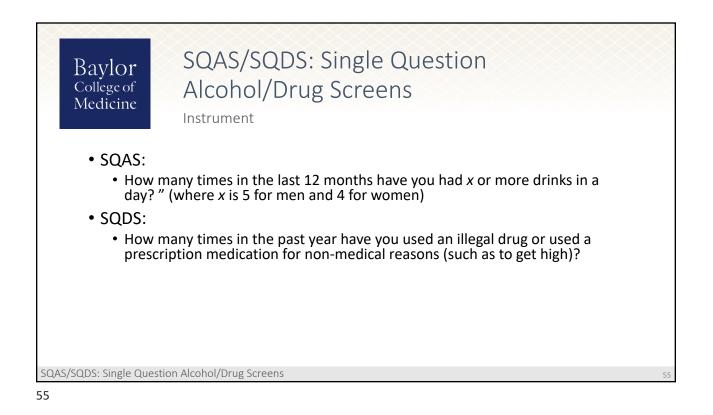
ASSIST: Alcohol, Smoking and Substance Involvement Screening Test

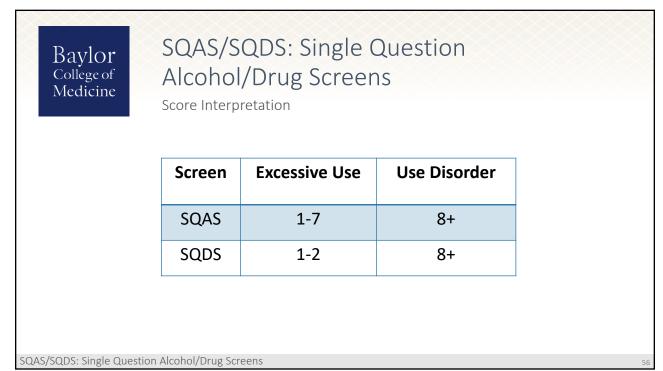
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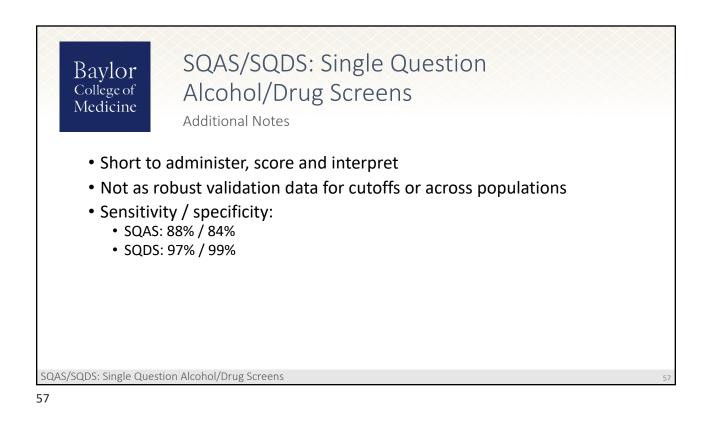


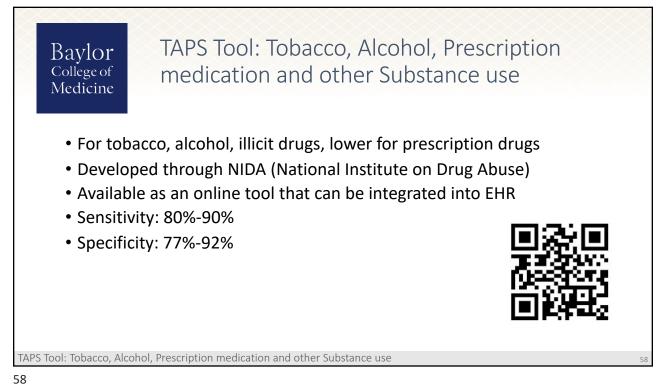


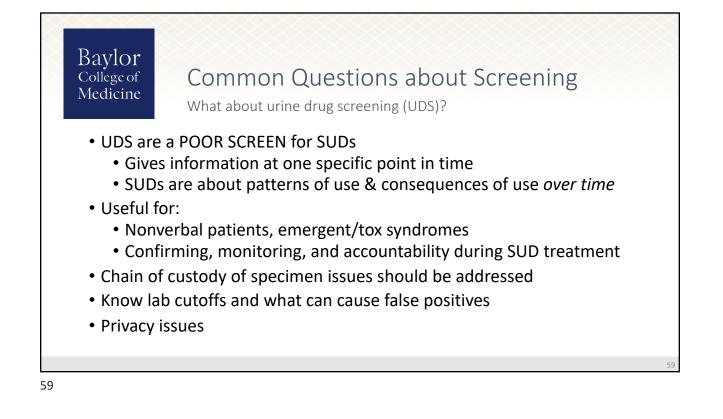


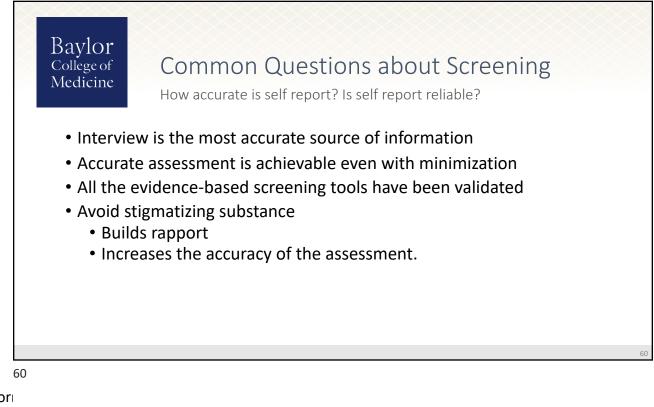




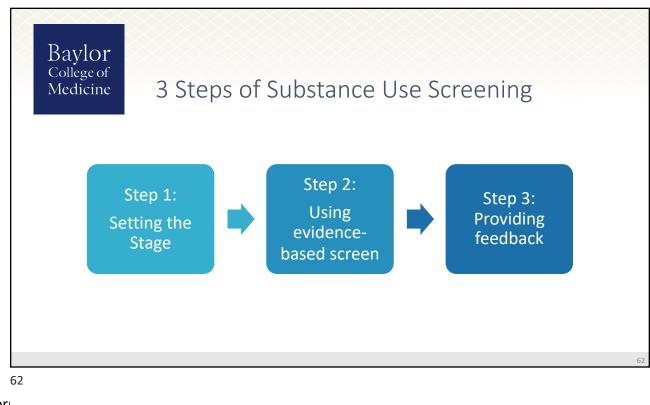


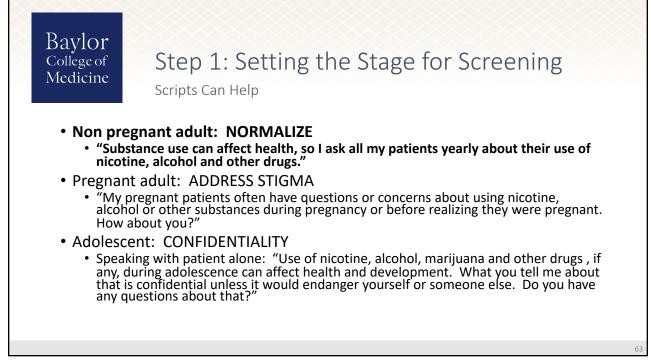


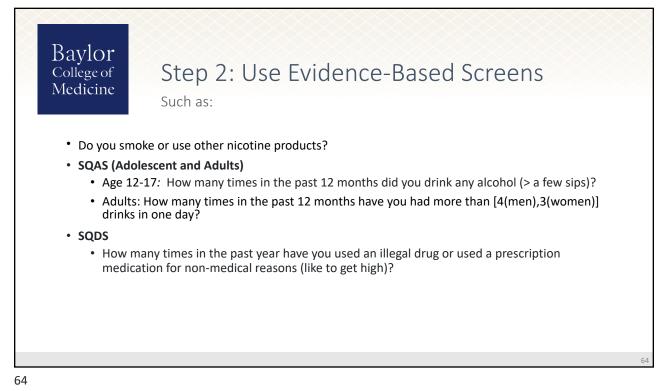


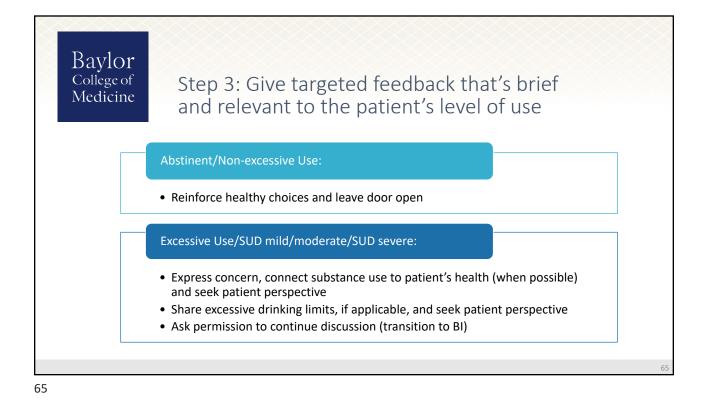


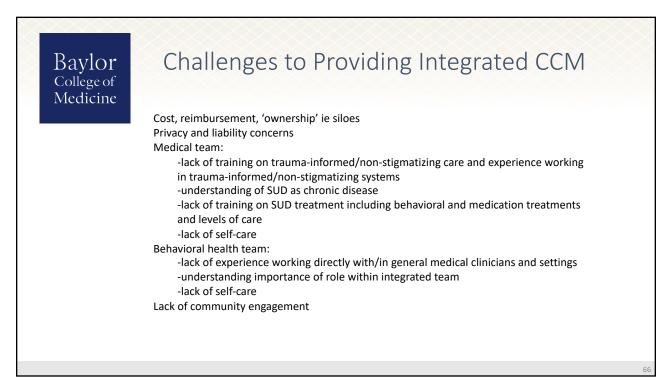












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