Substance Use Education for Physical Therapists

(SCREENING, BRIEF INTERVENTION AND REFERRAL TO TREATMENT)

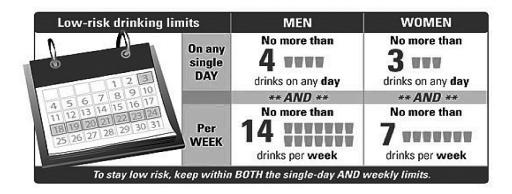
University of Pittsburgh



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What's "low-risk" drinking?



National Institute on Alcohol Abuse and Alcoholism. (2013). Rethinking Drinking: Alcohol and your health (NIH Publication No. 10-3770) www.rethinkingdrinking.niaaa.nih.gov

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What's "low-risk" drinking?

"Low risk" is not "no risk." Even within these limits, drinkers can have problems if they drink too quickly, have health problems, or are older (**both men and women over 65 are generally advised to have no more than 3 drinks on any day and 7 per week**). Based on your health and how alcohol affects you, you may need to drink less or not at all. It's safest to avoid alcohol altogether if you are

- taking medications that interact with alcohol
- managing a medical condition that can be made worse by drinking
- underage
- planning to drive a vehicle or operate machinery
- pregnant or trying to become pregnant

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What's a Standard Drink?

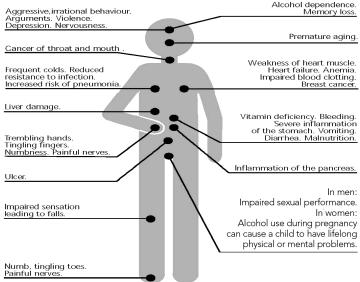
Although the drinks below are different sizes, each contains approximately the same amount of alcohol and counts as a single standard drink

12 fl oz of 8-9 fl oz of 5 fl oz of 2-3 oz of 1.5 oz of 1.5 fl oz shot of 3-4 oz of table wine fortified wine cordial. liqueur. regular beer malt liquor brandy 80-proof spirits (sherry, port etc.) or aperitif (1 jigger or shot) ("hard liquor") about about about about about about about 7% alcohol 12% alcohol 17% alcohol 24% alcohol 40% alcohol 40% alcohol 5% alcohol

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EFFECTS OF HIGH-RISK DRINKING



High-risk drinking may lead to social, legal, medical, domestic, job and financial problems. It may also cut your lifespan and lead to accidents and death from drunken driving.

Alcohol Pre-Screen:

How many times in the past year have you had X or more drinks in a day?

(X equals 5 for men and 4 for women). Reporting 1 or more occurrences of this is considered a positive result and should trigger more in-depth screening and possibly a brief intervention.

National Institute on Alcohol Abuse and Alcoholism. (2007). Helping Patients Who Drink Too Much: A Clinician's Guide (NIH Publication No. 07-3769)

Drug Pre-Screen:

How many times in the past year have you used an illegal drug or used a prescription medication for non-medical reasons?

A score of 1 or more is considered a positive result and should trigger more in-depth screening and possibly a brief intervention.

National Institute on Drug Abuse. (2011). Screening for Drug Use in General Medical Settings: Quick Reference Guide (NIH Publication No. 11-7384)

Tobacco Pre-Screen:

Do you currently smoke or use any form of tobacco?

Yes = a positive screen and should trigger more in-depth screening and possibly a brief intervention.

Fiore MC, Bailey WC, Cohen SJ, et. al. *Treating Tobacco Use and Dependence. Quick Reference Guide for Clinicians*. Rockville, MD: U.S. Department of Health and Human Services. Public Health Service. October 2000

3 QUESTION AUDIT

The AUDIT-C is scored on a scale of 0-12 (scores of 0 reflect no alcohol use). In men, a score of 4 or more is considered positive; in women, a score of 3 or more is considered positive. Generally, the higher the AUDIT-C score, the more likely it is that the patient's drinking is affecting his/her health and safety. However, if the score is derived primarily for question 1, the patient is not necessarily at risk.

drink containing alcoho	rink containing alcohol? alcohol do you day when you a			more drinks on one occasion?	
Never	0	1 or 2 drinks	0	Never	0
Monthly or less	1	3 or 4 drinks	1	Less than monthly	1
2 - 4 times a month	2	5 or 6 drinks	2	Monthly	2
2 - 3 times a week	3	7 to 9 drinks	3	Weekly	3
4 or more times a week	4	10 or more	4	Daily or almost daily	4

2. How many drinks containing

3. How often do you have five or

1. How often do vou have a

Babor, T.F., Higgins-Biddle, J.C., Saunders, J.B., Maristela G. Monteiro, M.G. (2001), The alcohol use disorders identification test guidelines for use in primary care, (2nd ed.), World Health Organization, Department of Mental Health and Substance Dependence,

To reflect standard drink sizes in the United States, the number of drinks in question 3 was changed from 6 to 5. A free AUDIT manual with quidelines for use in primary care is available online at www.who.org. Excerpted from NIH Publication No. 11-7805 | www.niaaa.nih.gov/YouthGuide

FULL AUDIT: SELF-REPORT VERSION (FOLLOWING TWO PAGES)

PATIENT: Because alcohol use can affect your health and can interfere with certain medications and treatments, it is important that we ask some questions about your use of alcohol. Your answers will remain confidential, so please be honest.

Questions	0	1	2	3	4
1. How often do you have a drink containing alcohol?	Never	Monthly or less	2-4 times a month	2-3 times a week	4 or more times a week
2. How many drinks containing alcohol do you have on a typical day when you are drinking?	1 or 2	3 or 4	5 or 6	7 to 9	10 or more
3. How often do you have five or more drinks on one occasion?	Never	Less than monthly	Monthly	Weekly	Daily or almost daily
4. How often during the last year have you found that you were not able to stop drinking once you had started?	Never	Less than monthly	Monthly	Weekly	Daily or almost daily
5. How often during the last year have you failed to do what was normally expected of you because of drinking?	Never	Less than monthly	Monthly	Weekly	Daily or almost daily

Questions	0	1	2	3	4
6. How often during the last year have you needed a first drink in the morning to get yourself going after a heavy drinking session?	Never	Less than monthly	Monthly	Weekly	Daily or almost daily
7. How often during the last year have you had a feeling of guilt or remorse after drinking?	Never	Less than monthly	Monthly	Weekly	Daily or almost daily
8. How often during the last year have you been unable to remember what happened the night before because of your drinking?	Never	Less than monthly	Monthly	Weekly	Daily or almost daily
9. Have you or someone else been injured because of your drinking?	No		Yes, but not in the last year		Yes, during the last year
10. Has a relative, friend, doctor, or other healthcare worker been concerned about your drinking or suggested you cut down?	No		Yes, but not in the last year		Yes, during the last year
TOTAL					

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AUDIT SCORING

Score	Suggested Action
0-7	Alcohol Education
8-15	Simple Advice
16-19	Simple Advice plus Brief Counseling and Continued
	Monitoring
20-40	Referral to Specialist for Diagnostic Evaluation and
	Treatment

Babor, T.F., Higgins-Biddle, J.C., Saunders, J.B., Maristela G. Monteiro, M.G. (2001). The alcohol use disorders identification test guidelines for use in primary care. (2nd ed.). World Health Organization, Department of Mental Health and Substance Dependence.

THE DRINKERS PYRAMID



disorders identification test guidelines for use in primary care. (2nd ed.). World Health Organization,

Babor, T.F., Higgins-Biddle, J.C., Saunders, J.B., Maristela G. Monteiro, M.G. (2001). The alcohol use

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DRUG ABUSE SCREENING TEST- DAST-10

	TOTAL:		
10.	Have you had medical problems as a result of your drug use (e.g., memory loss, hepatitis, convulsions, bleeding)?	□ Yes	□ No
9.	Have you ever experienced withdrawal symptoms (felt sick) when you stopped taking drugs?	□ Yes	□ No
8.	Have you engaged in illegal activities in order to obtain drugs?	☐ Yes	□ No
7.	Have you neglected your family because of your use of drugs?	☐ Yes	□ No
6.	Does your spouse (or parents) ever complain about your involvement with drugs?	☐ Yes	□No
5.	Do you ever feel bad or guilty about your drug use?	☐ Yes	□ No
4.	Have you ever had blackouts or flashbacks as a result of drug use?	☐ Yes	□ No
3.	Are you unable to stop using drugs when you want to?	☐ Yes	□ No
2.	Do you abuse more than one drug at a time?	☐ Yes	□ No
1.	Have you used drugs other than those required for medical reasons?	☐ Yes	□ No
	These Questions Refer to the Past 12 Months		

Washington State Department of Social and Health Services. (2014). Washington State Screening, Brief Intervention and Referral to Treatment Primary Care Integration, Screening and GPRA Training Manual. Seattle, WA: Author.

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DAST SCORING

DAST-10 Interpretation (Each "Yes" response = 1)

SCORE	DEGREE OF PROBLEMS RELATED TO DRUG ABUSE	SUGGESTED ACTION
0	No Problems Reported	Encouragement & education
1-2	Low Level	Risky Behavior- Feedback & Advice
3-5	Moderate Level	Harmful Behavior- Feedback & Counseling; Possible referral for specialized assessment
6-8	Substantial Level	Intensive Assessment and referral
9-10	Severe Level	Intensive Assessment and referral

Gavin D.R., Ross H.E., Skinner H.A. (1989). Diagnostic validity of the drug abuse screening test in the assessment of dsm-iii drug disorders. British Journal of Addiction 84(3), 301-307.

³ Copyright 2016, 2015, and 2013, University of Pittsburgh, All Rights Reserved. This project is supported by funds from the Division of Nursing (DN), Bureau of Health Professions (BHP), Health Resources and Services Administration (HRSA), Department of Health and Human Services (DHHS) under Grant D09HP25025. The information or contents and conclusions are those of the authors and should not be construed as the official position or policy of, nor should any official endorsement be inferred by, the DN, BHP, HRSA, DHHS, or the U.S. Covernment.

CAGE-Adapted to Include Drugs (CAGE-AID)

1.	Have you ever felt you should CUT down on your	drinking or	drug use?	
		Drinking:	YES	NO
		Drug Use:	YES	NO
2.	Have people ANNOYED you by criticizing your dri	nking or dr	ug use?	
		Drinking:	YES	NO
		Drug Use:	YES	NO
3.	Have you ever felt bad or GUILTY about your drinl	king or drug	g use?	
		Drinking:	YES	NO
		Drug Use:	YES	NO
4.	Have you ever had an $\ensuremath{\mathbf{EYE}}$ $\ensuremath{\mathbf{OPENER}}$ (a drink or us	ed drugs fi	rst thing in the	morning to
	steady your nerves or to get rid of a hangover)?			
		Drinking:	YES	NO
		Drug Use:	YES	NO

Scoring: Regard one or more "yes" responses to the CAGE-AID as a positive screen.

Brown, R.L., & Rounds, L.A. (1995). Conjoint screening questionnaires for alcohol and drug abuse. Wisconsin Medical Journal 94:135-140

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TACE

TACE was designed for use in obstetric settings to identify women who are at-risk drinkers.

Tolerance: "How many drinks does it take to make you feel high?"

(More than 2 drinks = 2 points)

Annoyed: "Have people annoyed you by criticizing your drinking?"

(Positive response = 1 point)

Cut down: "Have you ever felt that you ought to cut down on your drinking?"

(Positive response = 1 point)

Eye opener: "Have you ever had a drink first thing in the morning to steady your nerves or get rid of a hangover?" (Positive response = 1 point)

Any score of 2 total points or higher on the TACE survey indicates a positive screen for at-risk drinking.

Sokol, R.J., Martier, S.S., Ager, J.W. (1989). The T-ACE questions: Practical prenatal detection of risk-drinking. *American Journal of Obstetrics and Gynecology* 160(4), 863-870.

Fagerstrom Test for Nicotine Dependence *

Is smoking "just a habit" or are you addicted? Take this test and find out your level of dependence on nicotine.

1. How soon after you wake up do you		4. How many cigarettes p	oer day do you smoke
smoke your first cigarette?	-	• 10 or less	(0)
After 60 minutes	(0)	• 11-20	(1)
• 31-60 minutes	(1)	• 21-30	(2)
6-30 minutes	(2)	31 or more	(3)
Within 5 minutes	(3)	5. Do you smoke more fr	equently during the
2. Do you find it difficult to refrair	n from	first hours after awakeni	ng than during the
smoking in places where it is forl	oidden?	rest of the day?	
• No	(0)	 No 	(0)
• Yes	(1)	Yes	(1)
3. Which cigarette would you hat give up?	e most to	6. Do you smoke even if are in bed most of the da	
 The first in the morning 	(1)	 No 	(0)
Any other	(0)	Yes	(1)

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Your score was:	Your level of dependence on nicotine is:			
0-2: very low dependence	3-4: low dependence	5: Medium dependence		
6-7: high dependence	8-10: very high dependence			

Scores under 5: Your level of nicotine dependence is still low. You should act now before your level of dependence increases.

Score of 5: Your level of nicotine dependence is moderate. If you don't quit soon, your level of dependence on nicotine will increase until you may be seriously addicted. Act now to end your dependence on nicotine.

Score over 7: Your level of dependence is high. You aren't in control of your smoking – it is in control of you! When you make the decision to quit, you may want to talk with your doctor about nicotine replacement therapy or other medications to help you break your addiction.

REFERENCES FOR PAGES 19-20: * Heatherton, T.F., Kozlowski, L.T., Frecker, R.C., Fagerstrom, K.O. (1991). The fagerstrom test for nicotine dependence: A revision of the fagerstrom tolerance questionnaire. British Journal of Addictions, 86, 1119-27.

The CRAFFT Screening Interview

Begin: "I'm going to ask you a few questions that I ask all my patients. Please be honest. I will keep your answers confidential."

Part A

Devision the DACT to MONTHO did con-

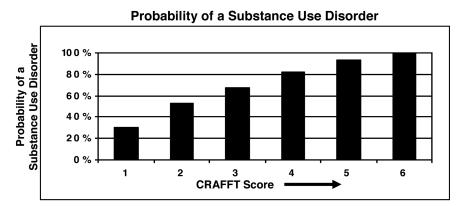
During the PAST 12 WONTHS, did you.		NO	162
Drink any <u>alcohol</u> (more than a few sips)? (Do not count a few sips of alcohol taken during fami	ly or religious events)		
2. Smoke any marijuana or hashish?			
3. Use <u>anything else</u> to get high? ("anything else" include synthetic marijuana, over-the-counter and prescription of people sniff or "huff")			
For clinic use only: Did the patient answer "	yes" to any question	s in Pa	rt A?
No 🗌	Yes 🗌		
↓	†		
Ask CAR question only, then stop	Ask all 6 CRAFFT que	estions	

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Part B	No	Yes
1. Have you ever ridden in a <u>CAR</u> driven by someone (including yourself) who was "high" or had been using alcohol or drugs?		
2. Do you ever use alcohol or drugs to RELAX , feel better about yourself, or fit in?		
3. Do you ever use alcohol or drugs while you are by yourself, or ALONE ?		
4. Do you ever FORGET things you did while using alcohol or drugs?		
5. Do your <u>FAMILY</u> or <u>FRIENDS</u> ever tell you that you should cut down on your drinking or drug use?		
6. Have you ever gotten into TROUBLE while you were using alcohol or drugs?		
*Two or more YES answers on the CRAFFT suggest a serious problem and need for further assessment.		

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1. Show your patient his/her score on the graph



2. Talking Points for Clinician Counseling

No Use

Not using drugs and alcohol is a smart decision for your health. You should be proud of
yourself. If that ever changes, I hope you trust me enough that we can talk about it.

Any Use

My recommendation as your doctor is not to use drugs or alcohol at all.

CRAFFT score ≥ 2

I am quite concerned about you. Let's plan a follow-up meeting in about a month.

3. Counseling Points for All

- Alcohol and drugs can affect brain development, which continues into your mid-20s.
- Early alcohol and drug use greatly increases your risk for developing addiction, major depression, anxiety disorders, and psychotic thinking.
- Alcohol can hurt and scar your liver; marijuana can hurt your lungs
- Alcohol and drugs can cause car crashes. Marijuana impairs driving just as much as alcohol does, and its effects last longer.

4. Give each patient the Contact for Life http://www.sadd.org/contract.htm#cfl

Stages of Change

- 1. Relevant to changing a wide range of health-related behaviors
- 2. Predictable sequence of stages (attitudes, intentions, behaviors)
- 3. Non-linear pattern of progress typical

BASICALLY, THE MODEL DESCRIBES 5 STAGES OF CHANGE:

- Precontemplation
- Contemplation
- 3. Preparation
- Action
- Maintenance

Prochaska, J.O., & DiClemente, C.C. (1982). Transtheoretical therapy toward a more integrative model of change. Psychotherapy: Theory, Research and Practice, 19(3), 276-287.

Job of Brief Interventions:

- Raise the Subject: "If it's okay with you, let's take a minute to talk about the screening questions you answered today."
- Provide Feedback: "I can tell you that drinking (drug use) at this level can be
 harmful to your health and possibly responsible for the health problem you came
 in for today (and/or may interact in a harmful way with your medication)."
- **Enhance Motivation:** "On a scale of 0-10, how ready are you to cut back your use?"
 - If >0: "Why that number and not a _ (lower number)
 - If 0: "Have you ever done anything while drinking (using drugs) that you later regretted?
- Negotiate Plan: "What steps can you take to cut back your use?"
 "How would your drinking (drug use) have to impact your life in order for you to start thinking about guitting or cutting back?"

Oregon Health and Science University, 2012 http://www.sbirtoregon.org/resources/Readiness%20ruler%20-%20English.pdf

Components of Brief Interventions: The FRAMES Model

Feedback

Responsibility

Advice

Menu of options

Empathy

Self efficacy

Rollnick S., & Miller, W.R. (1995). What is motivational interviewing? Behavioral and Cognitive Psychotherapy, 23, 325-334.

FLO: The 3 Tasks of a Brief Intervention

Feedback

Listen and Understand

Options Explored

Dunn, C.W., Huber, A., Estee, S., Krupski, A., O'Neill, S., Malmer, D., & Ries, R. (2010). Screening, brief intervention, and referral to treatment for substance abuse: A training manual for acute medical settings. Olympia, WA: Department of Social and Health Services, Division of Behavioral Health and Recovery

READINESS RULER

1 2 3 4 5 6 7 8 9 10

ROLLNICK, S., HEATHER, N., GOLD, R. and HALL, W. (1992), Development of a short 'readiness to change' questionnaire for use in brief, opportunistic interventions among excessive drinkers. British Journal of Addiction, 87: 743–754. doi: 10.1111/j.1360-0443.1992.tb02720.x

List Your Local Resources Here:



Institute for Research, Education and Training in Addictions