Screening, Brief Intervention & Referral to Treatment (SBIRT): Applications in Pain Management & Opioid Addiction

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Objectives

Participants will be able to discuss and critically appraise:

- Brief overview of SBIRT as an evidence-based practice in primary care and emergency settings.
- SBIRT CPT and ICD-9 Codes for billable services.
- Modified SBIRT in chronic pain management
- Additional screening and monitoring tools for patients with chronic pain: SOAPP, ORT, PADT, COMM
- Case study of chronic pain patient (time permitting)

SBIRT

- Initially developed for ETOH screening and brief intervention in primary care settings
- Expanded to include routine screening for ETOH, tobacco, illicit & prescription drug abuse
- Targets adult primary care with a key goal of increasing screening for illicit drug abuse
- Provides a clinician-friendly guide to support screening and brief intervention
- Strengthens clinicians' ability to discuss screening results with patients

SBIRT

Comprehensive, integrated, public-health approach to screening, early intervention and treatment for people with full spectrum of unhealthy substance use.

- Stages of Change (Prochaska & DiClemente)
- Motivational Interviewing
- FRAMES
 - **F**eedback
 - $\underline{\mathbf{R}}$ esponsibility
 - Advice
 - Menu of change options
 - Empathy
 - <u>S</u>elf efficacy



Screening and Brief Intervention (SBI) for Drug Use in Primary Care Settings: Resource Guide for Providers

Introduction

Before You Begin

Screening and brief intervention for drug use

Step 1: Ask about drug use Step 2: Screen for substance use disorders

Step 3: Discuss results & conduct brief intervention Step 4: Offer continuing care at follow-up visits

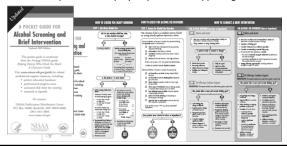
Appendices

Support Materials Frequently Asked Questions Glossary of Terms

 $\underline{\text{http://m.drugabuse.gov/sites/default/files/resourceguide.pdf}}$

NIDA Screening Resource Pocket Guide

Pocket Guide provides a step-by-step format & supporting material



Evidence of SBIRT Efficacy in ED Settings

Evidence suggest that acute subcritical injury may be an important motivator for patients to disclose drinking habits and reduce drinking –thus the time of the ED visit may be a valuable teachable moment.

- Reduced alcohol consumption
- 47% reduction in injuries requiring ED visits
- 48% reduction in injuries requiring hospital admission
- Reduced health care costs

Evidence of SBIRT Efficacy in PC Settings

- A meta-analysis suggests an overall reduction of 56% in number of drinks
- The effect size for motivational intervention of all types ranged from 0.25 to 0.57, with participants followed from 3 to 24 months



Burke et. al., 2003

SAMHSA Demonstration Program for SBIRT: Comparison of intake and 6 month follow up

Madras, et al. Drug and Alcohol Dependence 99 (2009) 280–295

- Federally SBIRT programs in six states across a range of medical settings
 - Emergency/trauma departments, primary care centers, hospital inpatient/outpatient settings
- Patients screened and offered interventions
 - Brief intervention, brief treatment, referral to specialty treatment
- Six months follow-up on those screening positive at baseline

3

Program Data, Six SAMHSA SBIRT Sites, Baseline and F/U Substance Use Among Those Screening Positive for Drugs At Baseline (N = 6,262) All are P < 0.001 Baseline Follow Up 17.7 Alc MJ Coc Meth Her Oth Madras, et al. Drug Alcohol Dependence, 2009

Summary of NIDA's SBIRT Efforts in General Medical Settings



- SBIRT is efficacious for alcohol and tobacco; evidence for illicit drugs is promising but not yet sufficient
- NIDA has numerous initiatives to enhance the evidence base in next few years, and to disseminate SBIRT training to medical professionals

SBIRT - CPT Codes

- CPT Codes for SBIRT approved in 2008
- Reimbursement in 13 state Medicare and Medicaid programs and counting (NIDA, 2009)
- Reimbursement by 71 commercial carriers (NIDA, 2010)
- http://www.samhsa.gov/prevention/sbirt/coding.aspx

Coding for SBI Reimbursement

Reimbursement for screening and brief intervention is available through commercial insurance CPT codes, Medicare G codes, and Medicaid HCPCS codes. Information regarding these codes can be found in the table below.

Important Medicare Information

SAMIISA is working with the Centers for Medicare and Medicaid Services (CMS) to educate practitioners about the importance of SHIRT coverage and the Medicare billing rules around these services. In the case of Medicare, SBIRT services are defined as alcohol and/or substance (other than tobacco) abuse structured assessment (e.g., AIDIT, DAST) and brief intervention. Medicare may not may for screening services unless usedifically remained by stantare.

More information can be found at the Medicare Learning Network: http://www.cms.gov/MLNgeninfo/

Payer	Code	Description	Fee Schedule			
Commercial	CPT 99408	Alcohol and/or substance abuse structured screening and brief intervention services; 15 to 30 minutes	\$33,41			
Insurance	CPT 99409	Alcohol and/or substance abuse structured screening and brief intervention services, greater than 30 minutes				
	G0396	Alcohol and/or substance abuse structured screening and brief intervention services; 15 to 30 minutes	\$29.42			
Medicare G0397		Alcohol and/or substance abuse structured screening and brief intervention services; greater than 30 minutes	\$57.69			
	H0049	Alcohol and/or drug screening	\$24.00			
Medicaid	H0050	Alcohol and/or drug service, brief intervention, per 15 minutes	\$48.00			

http://www.samhsa.oov/prevention/SRIRT/coding.nerv

7/11/20

SBIRT Applications in Pain Management

Definition & Prevalence of Chronic Pain

Chronic pain is defined as "pain without apparent biological value that has persisted beyond normal tissue healing time (usually taken to be 3 months)."1

(International Association for the Study of Pain, 2003)

- 35% or 105 million people in U.S.²
- One of every two people over 50 yrs/age³
- Higher prevalence in women (15%) than men $(7\%)^1$
- Musculoskeletal origin of pain predominant¹
- \$150 billion spent on healthcare & disability annually for chronic pain in U.S.²

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Barriers to CP Management

- Providers concerns of CP patients' misuse or addiction to benzodiazepines (used as muscle relaxants) and opioids (pain).
- Providers limited knowledge of assessment or screening for alcohol or controlled substance abuse.
- Providers limited knowledge of managing risk associated with controlled substance use for pain.

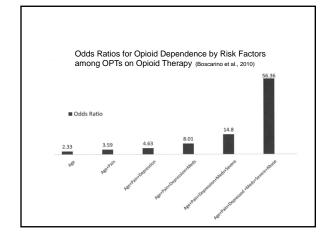
Who is at risk for opioid dependence / addiction?

Multivariate Logistic Regressions Predicting Life-time and Current Prescription Opioid Dependence Based on DSM-IV Criteria (n=705).

	Model 1:	life-time dep	endence*	Model 2: current dependence**				
Predictor variables	OR	95% CI	P-value	OR	95% CI	P-value		
Less than 65 years old	2.80	1.83-4.28	<0.001	2.33	1.55-3.53	0.001		
Pain interferes-life/work	1.94	1.21-3.10	0.010	1.54	0.94-2.50	0.079		
History of opioid abuse	3.95	2.39-6.53	< 0.001	3.81	2.56-5.67	< 0.001		
Hx high dependence	3.00	1.58-5.69	0.003	1.85	1.38-2.46	0.001		
Opioid orders past 3 yrs	1.75	1.18-2.58	0.009	-	-	-		
+ screen antisocial PDO	1.44	1.09-1.91	0.015	-	-	-		
Hx major depression	-	-	-	1.29	1.05-1.60	0.022		
Current use psych Rx	-	-	-	1.73	1.21-2.47	0.006		

"All results adjusted/weighted for response bias and data clustering, "Area under ROC curve = 0.79; Hosmer-Lemeshowc2 = 4.3; P = 0.75. "Area under ROC curve = 0.77; Hosmer-Lemeshow c2 test = 13.1; P = 0.11. CI: confidence interval; OR: odds ratio.

Boscarino, JA, et al., (2010). Risk factors for drug dependence among out-patients on opioid therapy in a large U.S. health-care system. *Addiction*, 105, 1776-1782.



The CAGE Questions Adapted to Include Drugs CAGE-AID

- Have you ever felt you ought to Cut down on your drinking or drug use?
- Have people Annoyed you by criticizing your drinking or drug use?
- 3. Have you ever felt bad or Guilty about your drinking or drug use?
- 4. Have you ever had a drink or used drugs first thing in the morning as an Eye opener to steady your nerves or to get rid of a hangover?

Adapted with permission from Brown RL, Rounds LA. Conjoint screening questionnaires for alcohol and other drug abuse: criterion validity in a primary care practice. Wisconsin Medical Journal 1995;94:135-40.

The CAGE Questions Adapted to Pain Medication Use CAGE-AID-Pain Rx

- Have you ever felt you ought to **C**ut down on your pain medication use?
- 2. Have people **A**nnoyed you by criticizing your pain medication use?
- 3. Have you ever felt bad or Guilty about your pain medication use?
- 4. Have you ever had to Exceed the recommended 24 hour limit of pain medication or use Extra or Other medication to manage your pain?

Modified by S. Adams, PhD, PMHNP in clinical setting. This modified tool has not yet been psychometrically tested for validity & reliability (2011).

Practice Guidelines for Use of Chronic Opioid Therapy for Pain Management

- Balancing Clinical and Risk Management Considerations for Chronic Pain Patients on Opioid Therapy (CME Monograph)
 http://www.aafp.org/online/etc/medialib/aafp org/documents/news pubs/mono/painmono/chronicpain.Par.0001.File.tmp/painmono.pdf
- Clinical Guidelines for the Use of Chronic Opioid Therapy in Chronic Non-cancer Pain. (Chou, Fanciullo, Fine et al. *Journal of Pain*, 2009;10(2):113-130.)

Additional Risk Assessment Tools

- Pain Education Information http://www.painedu.org/index.asp
- SOAPP-R

Screener and Opioid Assessment for Patients with Pain – Revised 7 http://www.painedu.org/load_doc.asp?file=SOAPP-R.pdf

ORT

Opioid Risk Tool⁸

http://www.painknowledge.org/physiciantools/ORT/ORT%20Physician%20Form.pdf

SOAPP®-R					
The following are some questions given to patients who a medication for their pain. Please answer each question a are no right or wrong answers.	are on or s hones	theing o	considere ssible. T	ed for There	
	Never	Seldom	Sometimes	Often	Very Often
	0	1	2	3	4
How often do you have mood swings?	0	0	0	0	0
How often have you felt a need for higher doses of medication to treat your pain?	0	0	0	0	0
How often have you felt impatient with your doctors?	0	۰	0	0	0
4. How often have you felt that things are just too overwhelming that you can't handle them?	0	۰	0	0	۰
5. How often is there tension in the home?	0	0	0	0	0
How often have you counted pain pills to see how many are remaining?	0	۰	0	0	۰
 How often have you been concerned that people will judge you for taking pain medication? 	0	۰	0	0	۰
How often do you feel bored?	0	0	0	0	0
How often have you taken more pain medication than you were supposed to?	0	۰	0	0	۰
10. How often have you worried about being left alone?	0	۰	0	0	۰
11. How often have you felt a craving for medication?	0	۰	0	0	۰
12. How often have others expressed concern over	0	0	0	0	0

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	Never	Seldom	Sometime	Offen	Very Off
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13. How often have any of your close friends had a problem with alcohol or drugs?	0	0	0	0	۰
14. How often have others told you that you had a bad temper?	0				
15. How often have you felt consumed by the need to get pain medication?	0	0	0	0	۰
16. How often have you run out of pain medication early?	0	0	0	0	۰
17. How often have others kept you from getting what you deserve?	0	0	0	0	۰
18. How often, in your lifetime, have you had legal problems or been arrested?	0	0	0	0	۰
19. How often have you attended an AA or NA meeting?	0	0	0	0	
20. How often have you been in an argument that was so out of control that someone got hurt?	0	0	0	0	0
21. How often have you been sexually abused?	0	0	0	0	۰
How often have others suggested that you have a drug or alcohol problem?	0		0	0	۰
23. How often have you had to borrow pain medications from your family or friends?	0			0	
24. How often have you been treated for an alcohol or drug problem?	0	0	0	0	

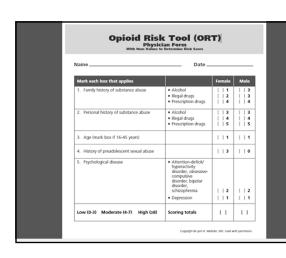
Scoring for the SOAPP-R

Sum of Questions

≥ 18 is Positive screen

< 18 is Negative screen

Sensitivity .81 Specificity .68



Scoring for the ORT

Sum of Questions

0 - 3 is Low Risk

4 - 7 is Moderate Risk

≥8 is High Risk

No available Sensitivity & Specificity

Pain Assessm		SS NOTE umentation T	ool (F	ADT)
Patient Name: Assessment Date:		s	_ '	Nations Stump In	
	Current Anal	gesic Regimen			
Drug name	Strength (eg.mg)	Frequency	Mad	mum Total	Daily Dose
The PADT is a clinician-directed interview Activities of Dolly Living, and Adverse & The Potential Aberrant Drug-Related Be- tions below, except as noted.	ents sections may be compl havior and Assessment secti				
Analgesia		Activitie	s of Da	lly Living	
If zero indicates "no pain" and ten bad as it can be," on a scale of 0 t level of pain for the following quer 1. What was your pain level on a past week? (Please circle the a	o 10, what is your stons? wrage during the	Please indicate wheth the current pain reliev Worse since the patie PADT.* (Please check Worse for each item I	er(s) is Be ne's last as the box t	etter, the Sa	me, or ith the
			Better	Same	Worse
No Pain 0 1 2 3 4 5 6 7 8	9 10 Pain as bad as it can be	1. Physical functioning	g ()	0	О
What was your pain level at its past week?	worst during the	2. Family relationship		а	u
No Pain 0 1 2 3 4 5 6 7 8	9 10 Pain as bad as it can be	3. Social relationships		a	a
3. What percentage of your pain	has been relieved	4. Mond		0	
during the past week? (Write i between 0% and 100%)		4. F1000	0	9	u
during the past week! (Write is between 0% and 100%) 4. Is the amount of pain relief you from your current pain relieves a real difference in your life!	are now obtaining	5. Sleep patterns	a	0	0
during the past week! (Write is between 0% and 100%) 4. Is the amount of pain relief you from your current pain relieve	are now obtaining r(s) enough to make		u		

	n Asse	ssme			ESS NOTE cumentation Tool (PADT*)
100	Adverse	Even	its		Potential Aberrant Drug-Related Behavio This section must be completed by the physician.
Is patient en current pair Ask patient a	reliever(s)	DY	les 🗆 No		Phase check any of the following items that you discovered during your interactions with the potent. Please note that some of these are directly observable (eg, speans lessoscated), while others may require more active listening and/or probing. Use the "Assessment" section below to note additional details.
	None		M. c.		☐ Purposeful over-sedution
	None	Mild	Moderate	Severe	☐ Negative mood change
a. Nausea	. 0			O.	☐ Appears insocicated ☐ Increasingly unkemps or impaired
b. Vomiting				a	☐ Increasingly unitempt or impaired ☐ Involvement in car or other accident
€. Constipatio					☐ Requests frequent early renewals
		0			☐ Increased dose without authorization
d. loching	-	_	-	- 1	☐ Reports lost or stolen prescriptions
e. Mental clou			D	0	 Attempts to obtain prescriptions from other doctors
f. Sweating					☐ Changes route of administration
g. Fatigue	0	0		a	Uses pain medication in response to situational stressor
h. Drowsiness	0	a	0	a	☐ Insists on certain medications by name
L Other		- 0	0	0	☐ Contact with street drug culture
				- 1	☐ Abusing alcohol or illicit drugs
j. Other		_ 0		0	☐ Hoarding (ie, stockpiling) of medication ☐ Arrested by police
					☐ Arrested by police ☐ Victim of abuse
2. Patient's ow D None D					Other:
		- Logers			
Assessment Is your overall opioid therapy! Comments: Specific Ans	□ Yes	that this	t be complet patient is be I No	neficing i	e physicias.) (eg. binefics, such as pain relief, outweigh side effects) from (3) Unsure
☐ Continue pre			Comm	MARK!	
Adjust dose			Comm	_	
Switch analys					
☐ AddiAdjust o		therapy		-	
☐ Discontinue/			anv.		

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question, please give the best answer you can.	ers. If you are unsu	ure about how to a				
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	and .	Defen Often	Offen			
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	1	2 3	4	_		
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relief from medications? (i.e., another doctor, the Emergency Room, friends,		0 0	•			
street sources) 4. In the past 30 days, how other have you taken your medications differently from how they are prescribed?	0	0 0	0	_		
from how they are prescribed? 5. In the past 30 days, how often have	0	0 0	0			
you seriously thought about hurting O	0	0 0	0			
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time was spent thinking about opioid medications (having enough, taking them, dosing schedule, etc.)?	0 (0 0	0			
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				-		
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Scoring for the COMM

Sum of Questions

≥ 9 is Positive screen

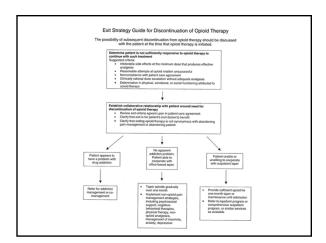
< 9 is Negative screen

Sensitivity .77 Specificity .66

Positive Predictive Value .66 Negative Predictive Value .95

Exit Strategy Guide for Discontinuation of Opioid Therapy

http://www.painknowledge.org/physiciantools/opioid toolkit/components/Exit Strategy.pdf



Opioid Withdrawal Protocols

When referral for opioid detox is indicated:

NIDA/SAMHSA Short-Term Opioid Withdrawal Using Buprenorphine: Findings and Strategies from Clinical Trials Network http://www.nida.nih.gov/blending/shortterm.html

Mental Health & Addictions Services: Brief Social/Detox Unit http://www.quadrant.net/cpss/pdf/Opioid_Withdrawal_Protocol.pdf

Clinical Opioid Withdrawal Scale (COWS) www.pcssmentor.org/pcss/resources_clinicaltools.php

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 Mike 38 y/o MWM construction supervisor who sustained crushing injury to lower back on the job in 2007. Spinal fusion of L1-L4 within 2 months of injury left him with residual chronic pain, inability to return to his former employment role, depression, strained marital and family relations. Changed medical providers 6 times since injury trying to find "someone with an answer to my back pain." Pending workman's compensation hearing for final settlement. 	
You are Mike's new PCP or asked by PCP for Psych NP consult: • What other information do you want? • What lab tests would you order? • What screening tools would you use? • What treatment goals do you explore with Mike?	
Additional Information Current meds: Fentanyl patch 75 mcg/hr every 3 days Cymbalta 60 mg every morning Urine drug screen:	

- Positive for opioids, marijuana, ETOH

Complementary & Alternative Interventions	
National Center for Complementary & Alternative Medicine	
http://nccam.nih.gov/ http://nccam.nih.gov/health/pain/chronic.htm	
NCCAM Site reviews the latest research on efficacy of various CAM interventions that demonstrate efficacy.	
General Practice Guidelines for Chronic Pain Management	
Practice Guidelines for Chronic Pain Management	
(Anesthesiology, 2010;112(4):1-24) Link to pdf from this webpage: http://nccam.nih.gov/health/providers/digest/chronicpain.htm	
Diagnosis & Treatment of Low Back Pain (Annals of Internal Medicine, 2007;147(7):478-491)	
http://www.annals.org/content/147/7/478.full.pdf+html Pain Management Task Force Final Report	
(Office of The Army Surgeon General, 2010) http://www.armymedicine.army.mil/reports/Pain Management Task Force.pdf	
Key Points	
Risk factors for opioid / substance abuse in chronic	
pain patients	
 Modify basic SBIRT screen for chronic pain patients Add the SOAPP-R, ORT, PADT, COMM when 	
indicated	
Consult & collaborate with addiction specialist when needed (e.g. Opioid Detox)	

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