Introduction to Adolescent and Adult SBIRT for Busy Primary Care Settings

Richard L. Brown, MD, MPH

Trainer & Consultant on SBIRT, Motivational Interviewing, and Primary Care/Behavioral Health Integration Former Professor of Family Medicine, University of Wisconsin School of Medicine and Public Health Former Senior Medical Director for Population Health Management, ConcertoHealth



Preventable Deaths Are Rising



Outline

Screening,

Brief ntervention, and

Referral to reatment

- Continuum of substance use
- What is SBIRT?
- How to implement
 SBIRT in primary
 care settings
- Additional resources



Working with communities. **Contact the Opioid Response Network**

- The SAMHSA-funded Opioid \diamond \diamond Response Network (ORN) assists states, organizations and individuals by providing the resources and technical assistance they need locally to address the opioid crisis and stimulant use. \diamond
- \diamond Technical assistance is available to support the evidence-based prevention, treatment and recovery of opioid use disorders and stimulant use disorders.

- The ORN provides local, experienced consultants in prevention, treatment and recovery to communities and organizations to help address this opioid crisis and stimulant use.
- \diamond ORN accepts requests for education and training.
 - Each state/territory has a designated team, led by a regional Technology Transfer Specialist (TTS), who is an expert in implementing evidence-based practices.
- \diamond To ask questions or submit a request for technical assistance:
 - Visit www.OpioidResponseNetwork.org

Email orn@aaap.org The Call 401-270-5900





Funding for this initiative was made possible (in part) by grant no. 1H79TI083343 from SAMHSA. The views expressed in written conference materials or publications and by speakers and moderators do not necessarily reflect the official policies of the Department of Health and Human Services; nor does mention of trade names, commercial practices, or organizations imply endorsement by the U.S. Government.













Low-Risk vs. High-Risk Use

High Risk Drinking

	Men	Women
Per week	> 14 standard drinks	> 7 standard drinks
In any occasion	> 4 standard drinks	> 3 standard drinks

Standard Drinks





Adolescents: All Drinking is High-Risk

Common negative consequences of drinking suffered by teens:

- School problems: lower grades or absences
- Social problems: fighting, lack of participation in activities
- ♦ Legal problems
- ♦ Hangovers
- Unwanted, unplanned, and unprotected sexual activity
- Physical and sexual violence
- Increased risk of suicide and homicide
- Motor vehicle crashes and other injuries
- ♦ Overdoses



https://www.cdc.gov/alcohol/fact-sheets/underage-drinking.htm

Adolescent Neurobiology



The part of the frontal lobe that inhibits risky behaviors is not yet mature in teens



Adolescent Neurobiology



The part of the frontal lobe that inhibits risky behaviors, is not yet mature in teens



Early initiation of drinking is associated with higher risk of severe alcohol use disorder



Low-Risk vs. High-Risk Use

High Risk Drinking

<u>TEENS</u> Any drinking	ADULTS	Men	Women
	Per week	> 14 standard drinks	> 7 standard drinks
	In any occasion	> 4 standard drinks	> 3 standard drinks

High Risk Drug Use

- Daily marijuana use
- Any use of other illegal drugs





- Mental Health
- Family relationships
- Other relationships
- Financial
- Legal
- Religious/Spiritual









Dependence Symptoms

Loss of Control over Substance Use





Loss of Control











Counseling





12 Step or Other Mutual Support Groups



Pharmacotherapy

Medication	Alcohol Dep	Opioid Dep	Primary Care
Acamprosate	\checkmark		\checkmark
Disulfiram	\checkmark		\checkmark
Naltrexone	\checkmark	\checkmark	\checkmark
Buprenorphine		\checkmark	\checkmark
Methadone		\checkmark	













Effectiveness of Brief Interventions



Methods of Brief Intervention

Patient Education and Advice

Convinces patient to change

Can elicit defensiveness

Requires training

Effective

Motivational Interviewing

Elicits and strengthens patients' arguments in favor of change

Avoids defensiveness

Requires more training

More effective



Patterns of Substance Use - US Teens and Adults, 2020 -



22%*



Adults - Drugs

Ages 12 to 17 ⁺ Past year

71%

Past month

National Survey on Drug Use and Health

7%

SBIRT Recommendations



Agency for Healthcare Research and Quality



National Business Group on Health







Substance Abuse & Mental Health Services Administration



SBIRT Patient Flow





SBIRT Screening and Assessment Tools

	Screens	Assessments
Adolescents	 Brief Screener for Tobacco, Alcohol and Other Drugs (BSTAD) CRAFFT S2BI 	 CRAFFT CRAFFT-N (covers nicotine)
Adults	 AUDIT-C CAGE-AID (CAGE questions Adapted to Include Drugs) Tobacco, Alcohol, Prescription Medication, and other Substance Use-1 (TAPS-1) Two-Item Conjoint Screen (TICS) 	 Alcohol, Smoking, and Substance Involvement Screening Test (ASSIST) Alcohol Use Disorders Identification Test (AUDIT) Drug Abuse Screening Testing-10 (DAST-10) Severity of Dependence Scale (SDS) Short Index of Problems for Alcohol and Drugs (SIP-AD) Tobacco, Alcohol, Prescription Medication, and other Substance Use-2 (TAPS-2)





Receptionists ask patients to complete an annual health screening form





Receptionists ask patients to complete an annual health screening form



Medical Assistants review patients' responses





Receptionists ask patients to complete an annual health screening form



Medical Assistants review patients' responses



Dedicated SBIRT Staff conduct the remainder of the SBIRT session









SBIRT Patient Flow





SBIRT Reimbursement in Maine

Payer	Code	Description*	Approximate Reimbursement
Commercial	CPT 99408	Screening and intervention, 15 to 30 min.	varies
Insurance	CPT 99409	Screening and intervention, >30 min.	varies
	HCPCS G2011	Screening and intervention, 5 to 14 min.	\$16.96
Medicare	HCPCS G0396	Screening and intervention, 15 to 30 min.	\$29.42
	HCPCS G0397	Screening and intervention, >30 min.	\$57.69
MaineCare	CPT 99408	Screening and intervention, 15 to 30 min.	\$24.75
(Medicaid)	CPT 99409	Screening and intervention, >30 min.	\$47.64

* In billing parlance, "screening" is synonymous with brief assessment. Typical screening with questionnaires of 2 to 4 items is not reimbursable.



https://www.samhsa.gov/sbirt/coding-reimbursement https://www.cms.gov/Outreach-and-Education/Medicare-Learning-Network-MLN /MLNProducts/downloads/sbirt_factsheet_icn904084.pdf

Example

- Each day, a trained paraprofessional delivers brief interventions (BI) to 12 MaineCare patients
- Each BI lasts 20 minutes per patient
 Documentation takes 10 minutes per patient
 Each BI takes 30 minutes
 12 BIs take 6 hours
- Claims submitted per day:
 12 CPT 99408 codes @ \$24.75 generates \$297 per day
- Assuming 240 workdays per year: Total revenue = \$297 x 240 = \$71,280



Value-Based Reimbursement Programs

SBIRT is highly profitable for entities at risk for patients' healthcare costs

	Project TrEAT	WASBIRT	WIPHL
Patients and settings	Wisconsin primary care patients	Disabled Medicaid patients in Washing- ton State EDs	Medicaid patients in Wisconsin primary care clinics
Interventionists	Physicians and nurses	Alcohol/drug counselors	Health educators
Intervention cost	\$205	\$15	\$48
Healthcare savings	\$523*	\$4,392*	\$782†

* One-year savings per patient intervened upon † Two-year savings per patient screened



leming, Medical Care, 2000; Estee, Medical Care 2010; Paltzer, JBHSR, 2016

Value-Based Reimbursement Programs

SBIRT is highly profitable for entities at risk for patients' healthcare costs

	Project TrEAT	WASBIRT	WIPHL
Patients and settings	Wisconsin primary care patients	Disabled Medicaid patients in Washing- ton State EDs	Medicaid patients in Wisconsin primary care clinics
Interventionists	Physicians and nurses	Alcohol/drug counselors	Health educators
Intervention cost	\$205	\$15	\$48
Healthcare savings	\$523*	\$4,392*	\$782†

* One-year savings per patient intervened upon † Two-year savings per patient screened

SBIRT improves financial performance under MIPS



Ieming, Medical Care, 2000; Estee, Medical Care 2010; Paltzer, JBHSR, 2016

Value-Based Reimbursement Programs

SBIRT is highly profitable for entities at risk for patients' healthcare costs

	Project TrEAT	WASBIRT	WIPHL
Patients and settings	Wisconsin primary care patients	Disabled Medicaid patients in Washing- ton State EDs	Medicaid patients in Wisconsin primary care clinics
Interventionists	Physicians and nurses	Alcohol/drug counselors	Health educators
Intervention cost	\$205	\$15	\$48
Healthcare savings	\$523*	\$4,392*	\$782†

* One-year savings per patient intervened upon † Two-year savings per patient screened

- SBIRT improves financial performance under MIPS
- SBIRT helps primary care clinics qualify as Patient-Centered Medical Homes



FQHCs and FQHC Look-Alikes

Seek an annual subsidy from nearby hospitals

Uninsured patients screened and, if appropriate, intervened upon	1,000
Inpatient days prevented per patient screened*	0.437
Total uninsured inpatient days prevented	437
Hospital loss per uninsured inpatient day	\$1,000
Total loss prevented by SBIRT \$4	37,000

Seek grants from HRSA, SAMHSA, state agencies, and foundations



Paltzer, Journal of Behavioral Health Services and Research, 2016; Paltzer, Medical Care, 2019

Summary

- SBIRT addresses a major public health problem
- Ample evidence documents effectiveness and cost savings
- The sweet spot is primary care-based brief interventions for high-risk and problem use
- To serve all patients, primary care settings need to employ a team approach with dedicated SBIRT interventionists
- Dedicated staff can be funded by fee-for-service reimbursement, value-based programs, subsidies from nearby hospitals, grants, or a combination of sources



Summary

- SBIRT addresses a major public health problem
- Ample evidence documents effectiveness and cost savings
- The sweet spot is primary care-based brief interventions for high-risk and problem use
- To serve all patients, primary care settings need to employ a team approach with dedicated SBIRT interventionists
- Dedicated staff can be funded by fee-for-service reimbursement, value-based programs, subsidies from nearby hospitals, grants, or a combination of sources

One Final Thought

SBIRT can be expanded to address depression, anxiety, smoking, social determinants of health, and other health-related behaviors that increase mortality, morbidity, and healthcare costs.



Free SBIRT Training and Consultation



https://www.samhsa.gov/sbirt



https://attcnetwork.org/centers/ new-england-attc/home



https://opioidresponsenetwork.org/



Peer-Reviewed Research

- Brown RL et al. A team approach to systematic behavioral screening and intervention. American Journal of Managed Care 2014; 20:e113-e119.
- Estee S et al. Evaluation of the Washington State Screening, Brief Intervention, and Referral to Treatment project; cost outcomes for Medicaid patients screened in hospital emergency departments. Medical Care 2010; 48:18-24.
- Fleming MF et al. Brief physician advice for problem alcohol drinkers; a randomized controlled trial in communitybased primary care practices. JAMA 1997; 277:1039-1045.
- Fleming MF et al. Brief physician advice for problem drinkers: long-term efficacy and benefit-cost analysis. Alcoholism Clinical and Experimental Research 2002; 26:36-43.
- Gelberg L et al. Project QUIT (Quit Using Drugs Intervention Trial): a randomized controlled trial of a primary carebased multi-component brief intervention to reduce risky drug use. Addiction 2015; 110:1777-1790.
- Paltzer J et al. Substance use screening, brief intervention, and referral to treatment among Medicaid patients in Wisconsin: Impacts on healthcare utilization and costs. Journal of Behavioral Health Services & Research 2017; 44:102-112.
- Paltzer J et al. Health care utilization after paraprofessional-administered substance use screening, brief intervention, and referral to treatment: a multi-level cost-offset analysis. Medical Care 2019; 57:673-679.
- Soberay A et al. Implementing adolescent SBIRT: findings from the FaCES project. Substance Abuse 2021; 42:751-759.



Other SBIRT Resources



Planning and Implementing Screening and Brief Intervention for Risky Alcohol Use: A Step-by-Step Guide for Primary Care Practices. Atlanta, Georgia: Centers for Disease Control and Prevention, National Center on Birth Defects and Developmental Disabilities, 2014, <u>https://tinyurl.com/5br5hyfd</u>



Implementing Care for Alcohol and Drug Use in Medical Settings; An Extension of SBIRT, <u>https://tinyurl.com/ysu7hyjk</u>



Recommendation Statement: Alcohol Misuse Screening and Behavioral Counseling Interventions in Primary Care, <u>https://tinyurl.com/wj7vcyje</u>

Recommendation Statement: Unhealthy Drug Use Screening, <u>https://tinyurl.com/8k36hsfw</u>



Introduction to Adolescent and Adult SBIRT for Busy Primary Care Settings

Richard L. Brown, MD, MPH

Trainer & Consultant on SBIRT, Motivational Interviewing, and Primary Care/Behavioral Health Integration Former Professor of Family Medicine, University of Wisconsin School of Medicine and Public Health Former Senior Medical Director for Population Health Management, ConcertoHealth

