ADDICTION IN PRIMARY CARE: A PRACTICAL APPROACH TO IDENTIFY AND MANAGE USE, ABUSE, AND DEPENDENCE

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Outline

Definitions

Epidemiology

Screening

Brief Intervention

Referral to Treatment
Definitions

• **Misuse=risk use =hazardous use.** Substance use that threatens health and safety

• **DSM-5 definition of a Substance Use Disorder.** “a problematic pattern of substance use leading to clinically significant impairment or distress, manifested by at least two of eleven criteria, occurring within a 12-month period”
Cardinal Features of a Addiction

- Pronounced Craving
- Continued use despite Consequences
- Compulsive use
- Loss of Control
## Prevalence of Substance Use by Gender

<table>
<thead>
<tr>
<th>Substance</th>
<th>Male</th>
<th>Female</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tobacco</td>
<td>33%</td>
<td>23%</td>
</tr>
<tr>
<td>Alcohol</td>
<td>58%</td>
<td>46%</td>
</tr>
<tr>
<td>Illicit Drugs</td>
<td>10%</td>
<td>6%</td>
</tr>
<tr>
<td>Misuse of Prescription Drugs</td>
<td>3%</td>
<td>3%</td>
</tr>
</tbody>
</table>
## Leading Causes of Preventable Death Worldwide

<table>
<thead>
<tr>
<th>Cause</th>
<th>Number of deaths resulting (millions per year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hypertension</td>
<td>7.8</td>
</tr>
<tr>
<td>Tobacco</td>
<td>5.4</td>
</tr>
<tr>
<td>Malnutrition</td>
<td>3.8</td>
</tr>
<tr>
<td>Sexually transmitted diseases</td>
<td>3.0</td>
</tr>
<tr>
<td>Poor diet</td>
<td>2.8</td>
</tr>
<tr>
<td>Overweight and obesity</td>
<td>2.5</td>
</tr>
<tr>
<td>Physical inactivity</td>
<td>2.0</td>
</tr>
<tr>
<td>Alcohol</td>
<td>1.9</td>
</tr>
<tr>
<td>Indoor air pollution from solid fuels</td>
<td>1.8</td>
</tr>
<tr>
<td>Unsafe water and poor sanitation</td>
<td>1.6</td>
</tr>
</tbody>
</table>
Complications from Substance Use

- Hypertension, cardiovascular disease
- Liver disease, gastritis, pancreatitis
- Psychiatric Disorders
- Risk for various cancers
- HIV/AIDS, and other infectious diseases
- Trauma
Universal Screening

• Drinking and drug use often go undetected

• 1 in 10 patients with a SUD receive treatment

• Detect risky use at an early stage, and intervene

• Detect current health problems related to substance use
## Patients want you to discuss Substance Use

<table>
<thead>
<tr>
<th>Agree</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>“If my doctor asked me how much I drink, I would give an honest answer.”</td>
<td>92%</td>
</tr>
<tr>
<td>“If my drinking is affecting my health, my doctor should advise me to cut down on alcohol.”</td>
<td>96%</td>
</tr>
<tr>
<td>“As part of my medical care, my doctor should feel free to ask me how much alcohol I drink.”</td>
<td>93%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Disagree</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>“I would be annoyed if my doctor asked me how much alcohol I drink.”</td>
<td>86%</td>
</tr>
<tr>
<td>“I would be embarrassed if my doctor asked me how much alcohol I drink.”</td>
<td>78%</td>
</tr>
</tbody>
</table>
SBIRT

• **Comprehensive, integrated, public health** approach to identify and provide treatment for patients at risk or with a SUD.

• **Screening**: Universal screening for quickly assessing use and severity of alcohol; illicit drugs; and prescription drug use, misuse, and abuse

• **Brief Intervention**: Brief motivational and awareness-raising intervention given to risky or problematic substance users

• **Referral to Treatment**: Referrals to specialty care for patients with substance use disorders
## Pre-screening Questions

<table>
<thead>
<tr>
<th>Substance</th>
<th>Positive screen</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tobacco</td>
<td>“Have you ever used any tobacco or nicotine products”</td>
</tr>
<tr>
<td>Alcohol</td>
<td>“On any single occasion have you had more than 4 drinks containing alcohol? (3 for women)</td>
</tr>
<tr>
<td>Prescription opioids and illicit drugs</td>
<td>“Have you ever used an illegal drug or used a prescription medication for non-medical reasons (e.g., because of the experience or feeling it caused)?”</td>
</tr>
</tbody>
</table>
Screening Questionnaires

- Alcohol Use Disorders Identification Test (AUDIT), Drug Abuse Screening Test (DAST)
- 5 minutes
- Integrate into EHR
- Have the patient complete the screening while waiting to collect information on patient reported outcomes
Risk Levels for the AUDIT AND DAST

I Low Risk or Abstain
- AUDIT: 0-6 (woman), 0-7 (man)
- DAST: 0

II Risky
- AUDIT: 7-15 (woman), 8-15 (man)
- DAST: 1-2

III Harmful
- AUDIT: 16-19
- DAST: 3-5

IV Dependent
- AUDIT: 20+
- DAST: 6+

Risk Levels:
- Low Risk or Abstain: 78%
- Risky: 9%
- Harmful: 8%
- Dependent: 5%

No intervention; Provide positive health message
Brief Intervention
Dependent: Refer to CD Treatment
Harmful: Refer to Brief Treatment
Flow Chart For SBIRT Process

- Screening
  - Low Risk
    - No Further Intervention
  - Moderate Risk
    - Brief Intervention
  - Moderate to High Risk
    - Brief Treatment
  - Severe Risk, Dependency
    - Referral to Specialty Treatment
Assess readiness to change

1. Limited intervention
   - Scores 0-3
   - Elicit perceived negative consequences,
   - Express concern,
   - Offer information,
   - Support & follow-up

2. Elicit patient’s motivation to change
   - Scores 4-7
   - Explore and heighten ambivalence,
   - Offer support & Follow up

3. Help patient develop action plan,
   - Identify resources,
   - Instill hope
   - Scores 8-10
Brief Intervention

- **Feedback** on the risk for alcohol problems
- **Responsibility**: where the individual with alcohol misuse is responsible for change
- **Advice**: about reduction or explicit direction to change
- **Menu**: providing a variety of strategies for change
- **Empathy**, with a warm, reflective, empathic and understanding approach
- **Self-efficacy** of the misusing person in making a change
Referral to Treatment

- Referral is recommended when patients meet the diagnostic criteria for a substance use disorder
- Strong referral linkages are critical
- Los Angeles Substance Abuse Service Helpline (SASH) at 1-844-804-7500
References

- SAMHSA. www.integration.samsha.gov
- SAMHSA. https://www.samhsa.gov/sbirt