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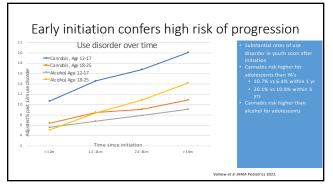




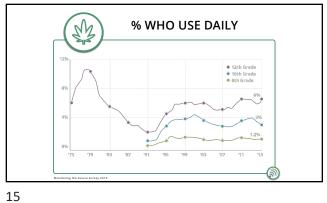
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#### Why do we care about cannabis? What's all the fuss?

- Vulnerable populations: youth, psychiatric illness, other substance use disorders
- Acute consequences of intoxication, eg MVCs
- Psychiatric consequences of use
- · Depression/ anxiety
- Psychosis
- · Cognitive impairment
- Progression to cannabis use disorders and other substance use



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Vulnerability in youth Progression to addiction

- Conditional risk of use disorder in adolescents as high as 40%
- $\bullet$  Daily use of MJ <age 17 associated with substantially increased risk of:
  - Persistent MJ Dependence (OR=18)
  - High school drop out (OR=3)
  - Use of other drugs (OR=8)
  - Suicide attempts (OR=7)

Pooled longitudinal studies. N =2537 to N=3765. Silens et al. Lancet Psychiatry, 1: 286 – 293. 201.

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## The SBIRT paradigm Intervention matched to severity

- Positive reinforcement for youth reporting no use
- Brief advice for those reporting experimental use but not SUD
- Brief motivational intervention for mild / moderate SUD
- Referral to treatment for mod / severe or non-responding SUD

Treatment Engagement and Stages of Change • Progressive treatment engagement • Relationship and therapeutic alliance · Motivational enhancement

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Motivational approaches

- Do you know other kids who have been in trouble...
- Do you know why I or your parents might think it's a problem...
- What are the pro's and con's for you...
- What would be evidence in your view that it's a problem...
- If you could stop anytime, would you be willing to see what it's like...
- Let's schedule you to come back and see how it's going...
- Will you go and see a specialist? Get another opinion?

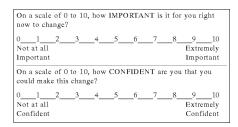
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#### Digestible messages

"Weed is not my problem, what's the big deal?"

- Intoxication impairs judgment, more likely to do something you'll regret
- Being around people with MJ usually means being around people who are more likely to be trouble (including other substances)
- Teen brains easily bruised. Intoxication as a psychological and biological habit that progresses. "Sledgehammer" reinforcement by substances. If you keep pushing that button, the pathway gets stronger
- Maybe a little is ok, but is what you're doing "a little?"
- Maybe it's not that it's never ok, but that it's not right for you  $\boldsymbol{\mathsf{now}}$
- $\bullet\,$  Yes you could be the special rare exception but why gamble
- If it's that good and that important that you can't accept this advice, what does that tell you?

#### Readiness Rulers: "How ready are you to ..."



"What would it take to move you from a 4 to a 6?"

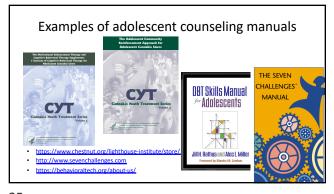
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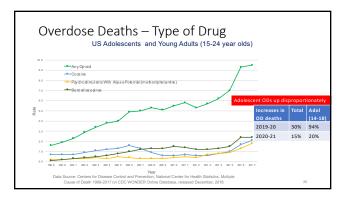
#### Some typical CBT sessions

- Refusal skills
- Relapse chain analysis
- Improving your social support network
- Increasing pleasant activities
- Relapse prevention
- Planning for emergencies and coping with relapse
- Managing thoughts about using
- Coping with cravings and urges
- Problem solving
- · Communication skills
- Anger awareness
- Anger managementCoping with depression

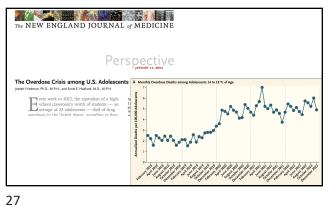
#### Relapse chain analysis

- Problem: What are the antecedents of particular episodes of substance use?
- The puzzle:
  - Why did you use yesterday? I don't know.
  - Never mind why, let's focus on what and how. What were the circumstances that led up to the episode of use? I don't know. My friend passed me a blunt and I hit it, what am I supposed to do?
- The solution: chain analysis.
  - "Rewind slo-mo" break it down into tiny steps.
  - What happened before that, and what happened before that?
  - Perhaps seems trivial to us, but remarkably unintuitive to our patients.





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#### Intervention for youth substance use is **Prevention** for youth OUD

- Addiction a developmental disorder of pediatric onset
- The vast majority of youth who initiate opioids have problems with other substances first
- Earlier onset associated with worse outcomes

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- Earlier intervention associated with better outcomes
- OUD as advanced, malignant stage in progression of illness
- Prevention of OUD by treatment of non-opioid SUD prior to opioid initiation – cannabis, alcohol, nicotine

#### MOUD for adolescents and young adults Summary of the evidence

- Buprenorphine and XR-NTX clearly effective, though less youth-specific research
- Outcomes very good, not as good as for older adults, but far better than without medication
- Longer is better; no evidence for time limitation
- No signal for safety or efficacy problems based on age
- MOUD first line; No evidence for fail-first
- MOUD should be STANDARD OF CARE

# Family Engagement: Historical Barriers Normative pushback against sense of parental dependence and restriction Clinicians: lack of training, competence, Focus on internal transformation Preoccupying focus on "enabling" Over-rigid concern with confidentiality

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# Rationale for family involvement

Both families and patients need a recipe for treatment with role definitions, expectations, and responsibilities

Families have core competence, deep connections, special powers of persuasion and natural leverage that we as clinicians don't have

Family **mobilization** – "Medicine may help with the receptors, counseling may help with the skills, but you still have to parent this difficult young person"

Encouragement of emerging youth autonomy and self-efficacy is compatible with empowerment of families

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How should we manage the confidentiality barrier?

- Following rigid limitations on disclosure?
- Making unilateral and surreptitious disclosures?
  - Getting to yes







#### Approaches to family communication

- You can't talk to my family
- OK

Approaches to family communication

- You can't talk to my family
- Watch me

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Approaches to family communication

- You can't talk to my family
- What should I say when they call?

Approaches to family communication

- You can't talk to my family
- Let's talk to them together

### Getting to yes

- This is what we do
- Let's invite them in and see what happens
- Don't you want their help
- What if I could help you get them to back off
- They'll find out anyway and won't it be better if it comes from you

#### Principles of Family Negotiation The Art of the Deal – Getting to Yes

- Pick your battles
- Know your leverage
- You gotta give to get
- You have more juice than you realize Keep your eyes on the prize
- For families: rewards will work better
- For patients: earning family points will be worth your while
- For both:

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- Aren't you tired of battling?How's that working for you?



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## **Questions?** Discussion?

Therapeutic optimism remains one of our best tools!

