

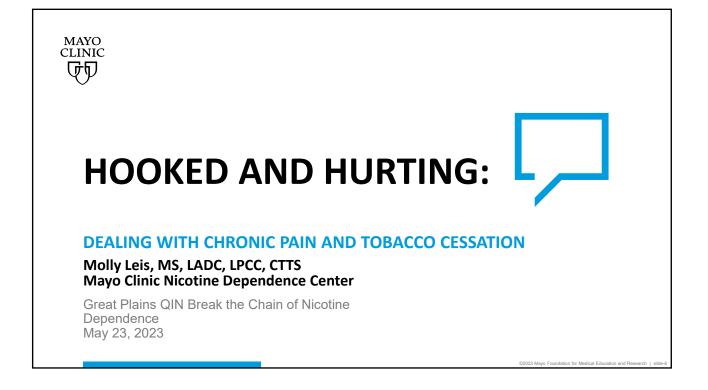
### **Speakers**

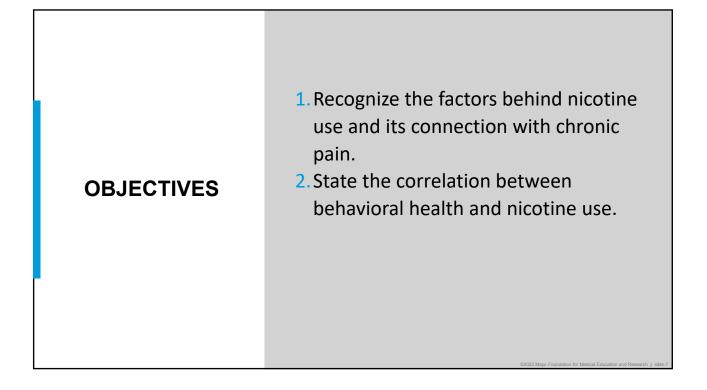


Molly J. Leis, MS, LADC, LPCC, CTTS Counselor Nicotine Dependence Center Mayo Clinic

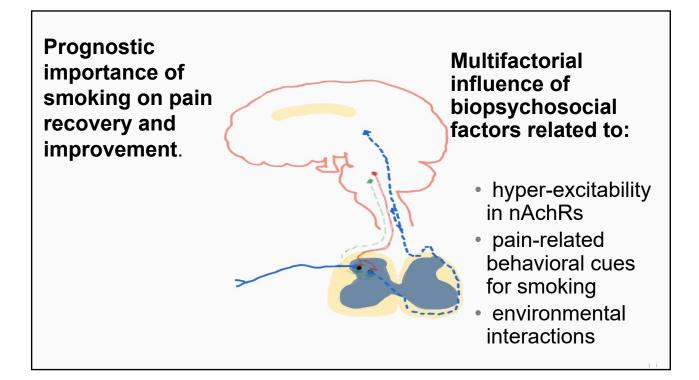


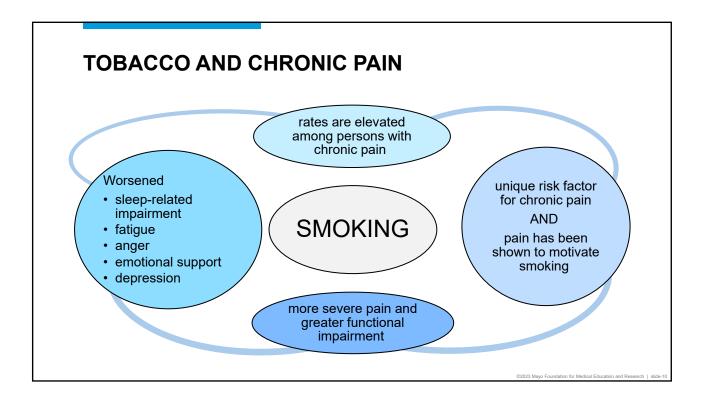
**Ed Larson, MA, CTTS** Tobacco Treatment Coordinator, Southeast Human Service Center

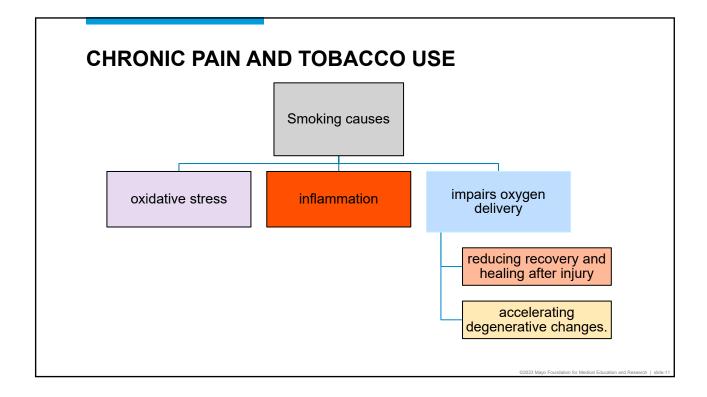


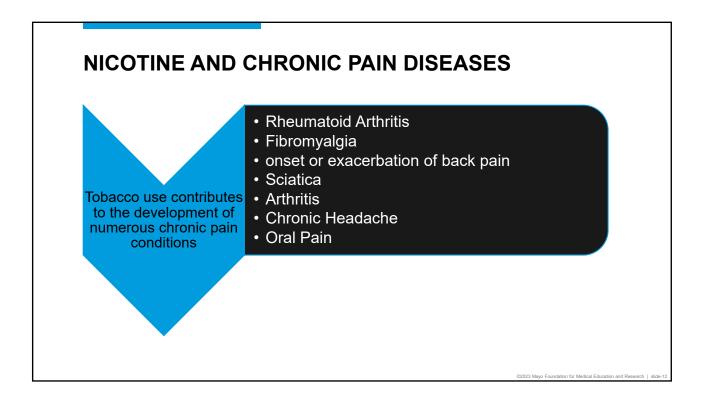












### CHRONIC PAIN AND TOBACCO USE

Acute nicotine use is known to have short-term analgesic effects

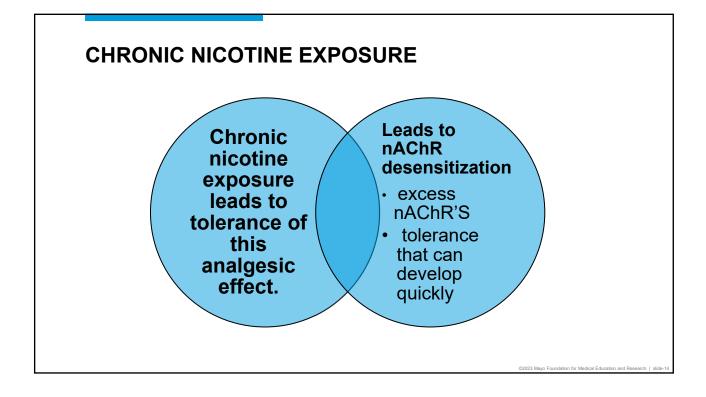
• but ongoing use leads to chronic pain.

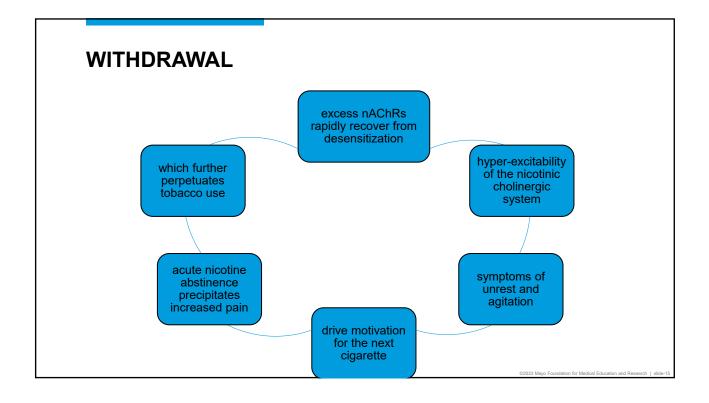
#### Nicotine initially:

- releases endogenous opioids
- starts opioid-induced pain blockage
- activates the pain inhibitory pathways in the spinal cord.

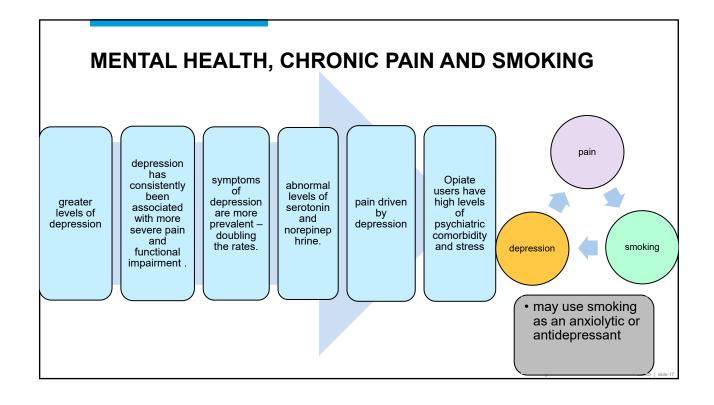
### These analgesic effects provide:

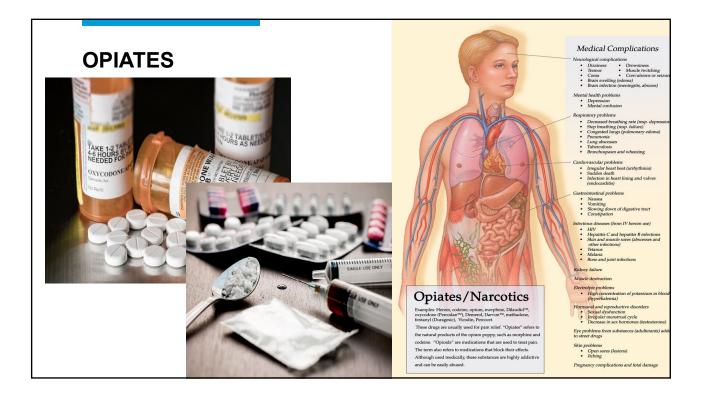
- · positive reinforcement
- · promote the conditioned use of nicotine-containing products
- increasing sympathetic activation and leading to decreased pain perception.





COPING with pain	
the relationship appears to be bi-directional	
<ul> <li>pain increases smoking behaviors</li> <li>smoking increases pain.</li> </ul>	
Smoking is used as a coping strategy for thos chronic pain	se with
<ul> <li>is significantly and positively associated with</li> <li>increased pain intensity</li> <li>pain interference</li> <li>fear of pain compared to both non-smokers.</li> <li>Nicotine's other positive mood and cognitive increased energy, and heightened arousal m strategy for those in pain.</li> </ul>	





### **TOBACCO AND OPIATES INTERACTION**

Patients with chronic pain tend to smoke more, particularly if they are concomitantly using opioids.

Association between smoking status and prescription opioid misuse Heroin, Methadone and Suboxone may increase the reinforcing effects of cigarettes.

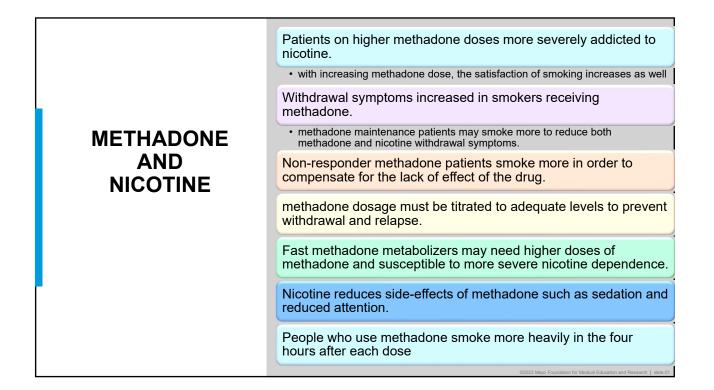
Opiate users may use smoking as an anxiolytic or antidepressant

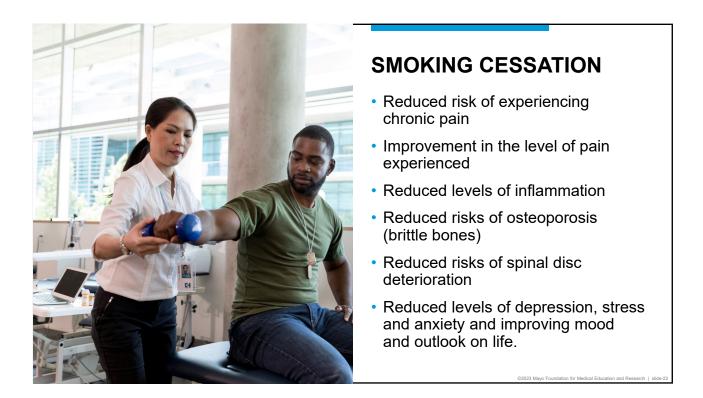
Nicotine can enhance tolerance to opiates



### **E-CIGARETTES WITH OPIATES**

- E-cig users have significantly higher odds of non-prescription use of pain killers.
- Opioids and muscle relaxers can be dissolved in glycerin, and potentially be vaped in e-cigs.





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# Nicotine Dependence Treatment: The WHY and the HOW in our HSC

By Ed Larson, MA, CTTS

## About Me:

35+ years working with behavioral health

Masters in Counseling

I don't like change

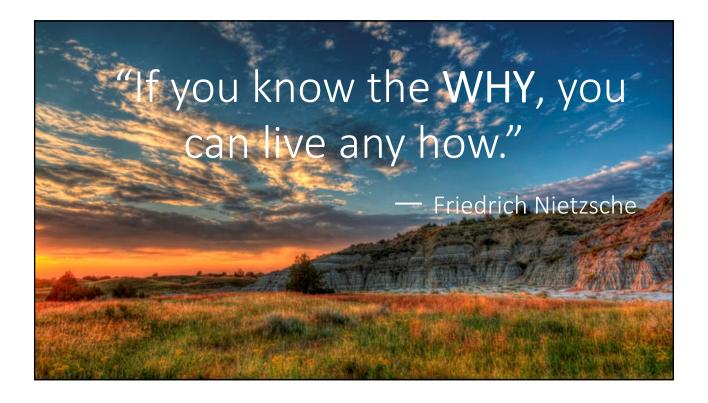
I'm a bit of a Star Trek Nerd



My discussion today on Nicotine Dependence Treatment will cover:

#### 1. Discussing "WHY"

- 2. Southeast Human Service Center's journey to Nicotine Dependence Treatment
- 3. Some of the reasons why people have trouble quitting tobacco
- 4. "How" to take first steps into providing this treatment (it's easier than you might think)

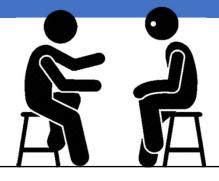




Tobacco use is the single most preventable cause of death and disease in North Dakota and the United States, causing more deaths annually than alcohol, AIDS, car accidents, illegal drugs, murders, and suicides, <u>combined</u>.

> -Campaign for Tobacco-Free Kids, Smoking-Caused Monetary Results in North Dakota, October 20, 2020.

# The Journey of Southeast Human Service Center



## About SEHSC: Our consumers

Behavioral health (MH/SUD): about **70%** out our consumers have a tobacco diagnosis. Many are low income, homeless, have other addictions, and have not had tobacco cessation treatment in the community. Services offered through Southeast Human Service Center

- 1. Medication management: Psychiatry
- Team-based substance abuse/mental health treatment, including OP residential



In 2017, we began thinking about offering tobacco cessation treatment. We saw that tobacco cessation treatment for our consumers was not offered We applied for and received a grant from Fargo Cass Public Health

American

Lung Association

Working with our partners, we developed our own Tobacco Free Environments policy



**Fargo Cass Public Health** 

## Because of our focus on best practice and person-centered care, we learned :

Most of our consumers want to quit Those that quit tobacco, have better treatment outcomes Medications (including psych meds) work better when people quit tobacco

We identified champions and provided Tobacco Treatment Specialist training •Mayo Clinic Tobacco Treatment Specialist Training (TTS)

•NDDoH holds instate TTS trainings by Mayo staff We educated our staff on what we were doing and why

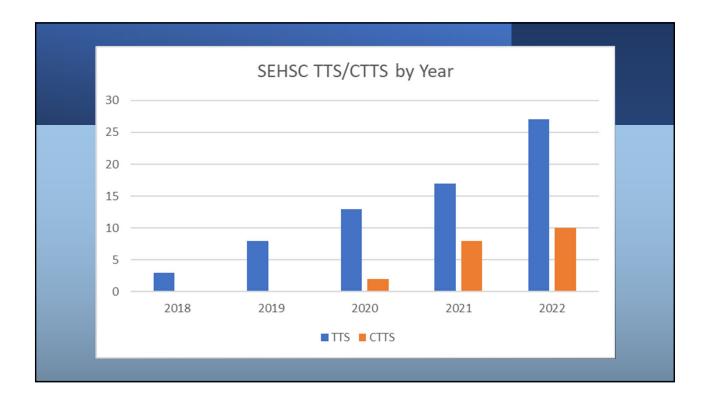
Surveys were conducted with our staff.

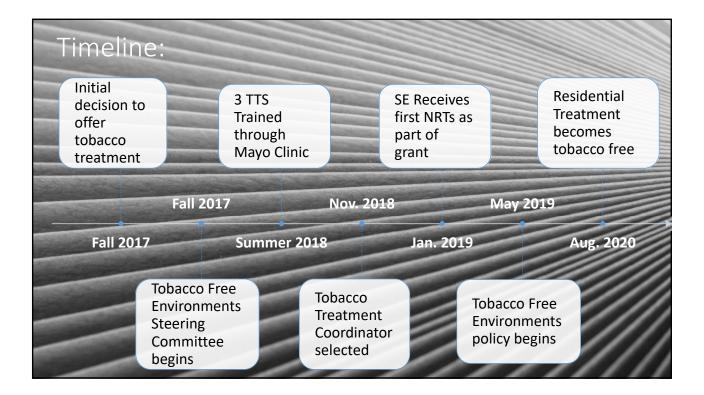
We did encounter some reluctance to becoming tobacco-free.

We focused on our agency first! Later we addressed this in residential treatment settings.

Research shows:

This population may take longer to quit tobacco.





Current Tobacco Treatment Status

### <u>STAFF</u>

- SE 27 Tobacco Treatment Specialists (TTS), through Mayo Clinic
- 10 are Certified TTS
- Weekly groups on tobacco cessation
- Tobacco Treatment as part of orientation for new staff and consumers

Continuing challenges:

Training more staff as TTS

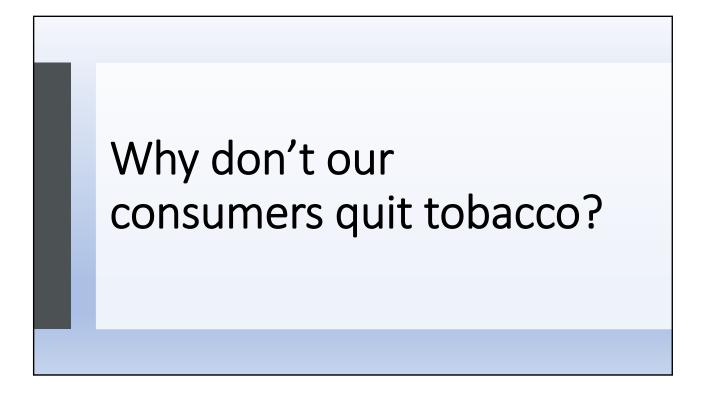
Resistance among some consumers in residential settings

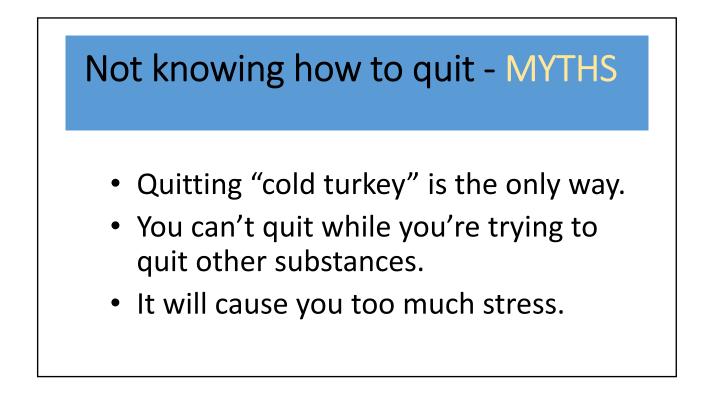
Making sure nicotine addiction is addressed in treatment: accurate diagnosis and treatment

Transitioning NRT purchases from grant funding to state funding

Continuing to learn more about Electronic Nicotine Delivery Systems (ENDS)

Success Stories:	A woman in her 60's who had smoked for 40 years has been tobacco free for over one year
	A man in his 30's with a long history of addiction to methamphetamine, marijuana, and alcohol has been tobacco free for over one year
	A man in his mid fifties with a long history of mental health and substance abuse has been tobacco free for 6 months
	A man in his early 20's in long term residential has been tobacco free for 3 months





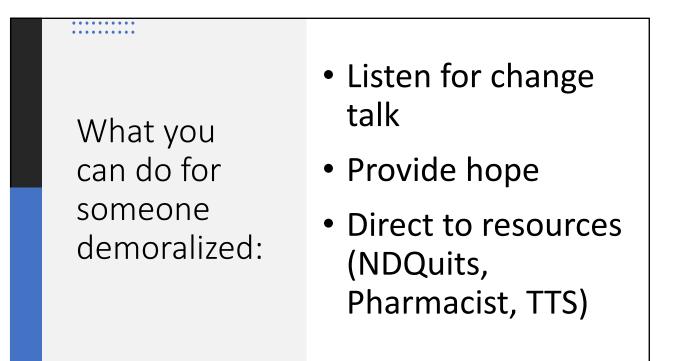
What you can do if someone doesn't know how:

- Provide accurate information
- Refer to a local Tobacco Treatment Specialist: locally or NDQuits.
- Listen: What are their reasons for quitting? How does this fit with their goals for themselves?
- Provide hope: Quitting nicotine is possible, given the right information, tools, and strategy.

# Demoralizing: Quitting tobacco can be tough!

# "I've tried before and failed"

"I've tried everything, and it hasn't worked"

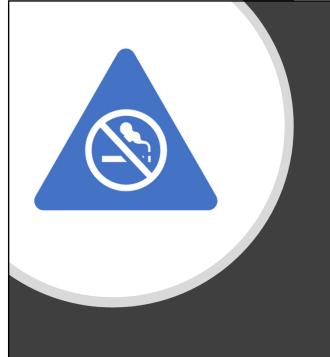


# Defending:(Digging in): Asserting their autonomy

How to work with someone "digging in" and not wanting to quit.

Affirm that it is their right to continue to use

Discuss how continuing to use tobacco may not be in line with what they want for themselves



For Example: Someone wanting to get into their own apartment you can gently let them know:

- Most apartments are tobacco free
- If they need funds for a deposit, furnishings, or rent their continued tobacco use works against them

Insurance now pays for cessation medications

- Since January 2020, ND Medicaid has paid for nicotine patches, gum, lozenges, medications (varenicline and bupropion) and nicotine inhalers.
- Since January 2022, ND MA pays for tobacco cessation counseling.
- Psychiatrists at SE can and do prescribe this.

# gins with a conversation ut quitting tobacco!

Motivational Interviewing Involves knowing what is important to someone

How can we work together to make that happen What's important to someone?

## **Basic Needs**

Relationships: Family, friends, pets,

Aspirations/dreams: what are they working towards

Quitting tobacco is in line with this:

\$	More money for basic needs: Food, shelter, clothing
<b>ŤŤŤŤ</b>	Improved relationships: Most people don't use tobacco
<b>~~</b>	Able to progress dreams: go to Hawaii, get a car, run a 5K or more

There are currently *more* people who have quit tobacco than are currently using tobacco.

# It all begins with a conversation about quitting tobacco!

