





## Motivational Interviewing in Respiratory Health Care: A Knowledge Translation (KT) Initiative

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### What is your level of familiarity with motivational interviewing?

- a. Never heard of this approach
- b. Heard about it from courses or articles, but never taken a full course or training
- c. Previous training, but not sure I remember much
- d. Previous training, but didn't really apply it to my practice
- e. Previous training, and using it actively in my practice



# What is Motivational Interviewing (MI)?

#### Learning Objective:

Define Motivational Interviewing (MI) and its relevance to respiratory health care and health behaviour change



### www.motivationalinterview.org



Following:

(Listening)

Directing:

(Informing)

### **Direction Language**

- "Directing" as a counsellor behavior
- "Direction" as goal-orientation
- "Directional" rather than "directive" as a description of MI

### **Evidence base for MI in Respiratory Health Care**



#### Motivational interviewing for smoking cessation (Review)

### **Key points from the review of 14 studies:**

- MI vs. brief advice or usual care yielded a modest but significant increase in quitting.
- Found that MI seems to be effective when given by general practitioners and by trained counsellors.
- Longer sessions (> 20 m) were more effective than shorter ones.
- Two or more sessions of treatment appeared to be marginally more successful than a single session treatment, but both delivered successful outcomes.

### **COLLABORATION®**

Lai, D.T.C, Cahill, K., Qin, Y., & Tang, JL. (2010). Motivational interviewing for smoking cessation. *Cochrane Database of Systematic Reviews*, (1), 40 pp.

### **Key points:**

- Method and spirit of MI as applied to asthma management.
- MI strategies have been modified such that HCPs can readily incorporate them into regular clinical care.
- In 2007, there were 117 National Institutes of Health–funded trials on MI, 2 of which were on asthma management, one with low-income adults and the other with inner-city teens.
- Demonstrating to HCPs that patient-centered counseling serves their needs by reducing daily frustrations of nonadherent patients, decreasing adverse events, and improving the quality of care with minimal drain on time could motivate HCPs to learn and use these skills.

follow medical recommendations. MI helps patients resolve their ambivalence about behavior change and builds their

Borrelli, B., Riekert, K.A., Weinstein, A., & Rathier, L. (2007). Brief motivational interviewing as a clinical strategy to promote asthma medication adherence. *Journal of Allergy and Clinical Immunology*, 20(5),1023-30 pp.

A Randomized Controlled Pilot Study of Motivational Interviewing to Change Attitudes about Adherence to Medications for Asthma

Karen B. Schmaling, 1,2 Arthur W. Blume, 1 and Niloofar Afari1

### **Key points:**

- Participants who received education alone showed a decreased level of readiness to adhere with their medications over time, whereas participants who received MI showed a stable or increased level of readiness.
- Among participants who described themselves as not consistently adhering with their medications at the first evaluation, those who received MI endorsed more positive attitudes toward taking medications over time.

reflected in change in medication use.

KEY WORDS: adherence; asthma; motivational interviewing; education.

Schmaling, K., Blume, A., & Afari, N. (2001). A Randomized Controlled Pilot Study of Motivational Interviewing to Change Attitudes about Adherence to Medications for Asthma. *Journal of Clinical Psychology in Medical Settings*, 8(3), 167-72 pp.

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### A Randomized Trial to Reduce Passive Smoke Exposure in Low-Income Households With Young Children

### **Key points:**

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Smoke), a

Method

 Does a motivational intervention for smoking parents of young children lead to reduced household passive smoke exposure?

 MI vs. self-help. Follow-up's at 3 & 6 months. MI condition consisted of a 30-45 m MI session at the participant's home with a trained health educator and 4 follow-up counseling calls.

PhD§;

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6 M nicotine levels were significantly lower in MI households.

s health. g housel stratedless of 2001;108: families.

 Providers can help parents work toward reducing household passive smoke exposure using MI and providing a menu of approaches lead to reregardless of whether the parents are ready to quit.

fe From ANOVA.

targeting low-income families with young children, was a randomized controlled study in which participantssmoking parents/caregivers (N = 291) who had children analysis of variance; SD, standard deviation.

egular exposure to passive smoke is associated

Emmons, K.M., Hammond, S.K., Fava, J.L., Velicer, W.F., Evans, J.L., & Monroe, A.D. (2001). A randomized trial to reduce passive smoke exposure in low-income households with young children. Pediatrics, 108(1),18-24 pp.

### **Environmental Tobacco Smoke Exposure**

in Dadiatria Acthma Oxymeriaty and

### **Key points:**

- Reviews the empirical research regarding the effects of exposure on children with asthma and provides a brief overview of interventions to reduce ETS exposure.
- Health care providers (HCPs) can use medical encounters as "teachable moments" to advise parents to quit smoking and/or reduce ETS exposure in the home.
- Ask every caregiver of a child with asthma about their smoking status (& rest of 5 A's).
- With practice MI can be incorporated into an office visit with minimal effort.

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McQuaid, E., Walders, N., & Borrelli, B. (2003). Environmental Tobacco Smoke Exposure in Pediatric Asthma: Overview and Recommendations for Practice. *Clinical Pediatrics*, 42(9),775-787 pp.

### Take away points:

- Still a lack of adequate research within the field of MI and respiratory health/asthma.
- However, MI strategies show positive results when working with clients facing various chronic health concerns.
- Most effective interventions involved multiple repeated contacts (office, in-home, phone, text messaging) with trained HCPs.
- HCP's office may be utilized as an effective channel for motivating behavior change among those facing respiratory conditions.

#### Other Relevant Sources:

- Borrelli, B., McQuaid, E.L., Becker, B., Hammond, K., Papandonatos, G., Fritz, G., & Abrams, D. (2002).

  Motivating parents of kids with asthma to quit smoking: the PAQS project. *Health Education Research*, 17(5), 659-69 pp.
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- Halterman, J.S., Riekert, K., Bayer, A., Fagnano, M., Tremblay, P., Blaakman, S., & Borrelli, B. (2011). A pilot study to enhance preventive asthma care among urban adolescents with asthma. *The Journal of Asthma*, 48(5), 523-30 pp.
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- Powell, C. & Brazier, A. (2004). Psychological approaches to the management of respiratory symptoms in children and adolescents. *Paediatric Respiratory Reviews*. 5(3), 214-24 pp.
- Riekert, K.A., Borrelli, B., Bilderback, A., & Rand, C.S. (2011). The development of a motivational interviewing intervention to promote medication adherence among inner-city, African-American adolescents with asthma. *Patient Education and Counseling*. 82(1), 117-22 pp.
- Seid, M., D'Amico, E.J., Varni, J.W., Munafo, J.K., Britto, M.T., Kercsmar, C.M., Drotar, D., King, E.C., & Darbie, L. (2011). The In Vivo Adherence Intervention For at Risk Adolescents With Asthma: Report of a Randomized Pilot Trial. *Journal of Pediatric Psychology*, Online, Dec, 1-14 pp.
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Motivational interviewing is encouraged to support patients'/clients' willingness to engage in treatment now and in the future. (GR/LOR: 1B)

www.can-adaptt.net

### The "Spirit" of Motivational Interviewing

#### Learning Objective:

Operationalize the "spirit" of motivational interviewing in conversations with clients



### The Spirit of Motivational Interviewing

- Partnership
- Acceptance —
- Compassion
- Evocation

- Absolute worth
- Accurate empathy
- Autonomy support
- Affirmation

### Partnership



You are the best judge of what is going to work for you.

### Acceptance



I am here to help whatever you decide to do.

### Compassion



Guide me to be a patient companion, to listen with a heart as open as the sky. Grant me vision to see through his eyes, and eager ears to hear his story... Let me honour and respect his choosing of his own path.

### **Evocation**



What are your thoughts about smoking and quitting?

# Understanding - and Resisting The "Righting Reflex"

### Persuasion Exercise

- Choose one person near you to have a conversation with, and work together
- One will be the speaker, the other will be a counsellor

### Speaker's Topic

- Something about yourself that you:
  - want to change
  - need to change
  - should change
  - have been thinking about changing

but you haven't changed yet...in other words – something you're ambivalent about

- **Counsellor**: Find out what change the person is considering making, and then:
- Explain *why* the person should make this change
- Give at least three specific **benefits** that would result from making the change
- Tell the person *how* they could make the change
- Emphasize how *important* it is to change
- If you meet resistance, repeat the above.
- P.S. This is *NOT* motivational interviewing

### Common Reactions to Righting Reflex

Angry, agitated

Oppositional

Discounting

**Defensive** 

Justifying

Not understood

Not heard

Procrastinate

**Afraid** 

Helpless, overwhelmed

Ashamed

**Trapped** 

Disengaged

Not come back - avoid

Uncomfortable

### A Taste of MI:

Conversation with one speaker and one listener

```
Something about yourself that you want to change need to change should change have been thinking about changing .....but you haven't changed yet
```

i.e. – something you're ambivalent about

### Listener

- 1. Listen carefully with a goal of understanding the dilemma
- 2. Give no advice.
- 3. Ask these four open questions and listen with interest:
- a) Why would you want to make this change?
- b) How might you go about it, in order to succeed?
- c) What are the three best reasons to do it?
- d) On a scale from 0 to 10, how important would you say it is for you to make this change?

Follow-up: And why are you at \_\_\_ and not zero?

- Give a short summary/reflection of the speaker's motivations for change
- Then ask: "So what do you think you'll do?" and just listen

### Common Human Reactions to Being Listened to

Understood Safe

Want to talk more Empowered

Liking the counselor Hopeful

Open Comfortable

Accepted Interested

Respected Want to come back

Engaged Cooperative

Able to change

Would you rather work with these people...

### ...or these?

- Angry, agitated
- Oppositional
- Discounting
- Defensive
- Justifying
- Not understood
- Not heard
- Procrastinate

- Afraid
- Helpless, overwhelmed
- **Ashamed**
- Trapped
- Disengaged
- Not come back avoid
- Uncomfortable

### Summary of Skills

- "Spirit" of MI
  - Partnership
  - Acceptance
  - Compassion
  - Evocation
- Resist the "Righting Reflex"
  - Avoid rescuing or offering unsolicited advice/suggestions in response to a patientarticulated concern or problem
  - Allow the patient to articulate his or her own reasons for change and next steps



### FOUNDATION SKILLS - OARS

**OPEN** questions (to elicit client change talk)

**AFFIRM** the client appropriately (support, emphasize personal control)

**REFLECT** (try for complex reflections)

**SUMMARIZE** ambivalence, offer double-sided reflection

#### Learning Objective:

Review and practice foundation skills in MI







### FOUR KEY STRATEGIES - O A R S

### Open versus Closed Questions

### Open versus Closed Questions

- CLOSED questions invite a "yes/no", one- word or very limited answer
- OPEN questions encourage elaboration they evoke the client's ideas, opinions, hopes, concerns, etc.







#### Open versus Closed Questions

Read the following questions, and "vote" for whether each one is OPEN or CLOSED

### "Would you say you are motivated to quit smoking in the next 30 days?"

- a. Open question
- b. Closed question

# "Tell me about how motivated you are to quit smoking in the near future – say, the next 30 days?"

- a. Open question
- b. Closed question

## "What made you decide to quit smoking in the next 30 days?"

- a. Open question
- b. Closed question

## How many cigarettes do you smoke in a typical day?"

- a. Open question
- b. Closed question

## "Can you describe a typical day, and how smoking fits in?"

- a. Open question
- b. Closed question







#### FOUNDATION SKILLS - OARS

#### **Affirmations**

**Praising versus Affirming** 

#### **Affirmations:**

- Go beyond "giving a good grade"
- Are not about the practitioner's approval of the patient
- Acknowledge the client's experience, struggle, expertise, efforts, etc.





I think it's great that you are planning to quit smoking!



#### Thank you!

I really hope I don't disappoint you...



### Example of Affirming



You have really given this a lot of thought.

### Affirming can lead to...

Yes, and now that my grandson is older, I want to teach him it is never to late to change



## Example of Praising:



Look how far you've come! I know you can do this.



I sure hope so...

But I am actually not so sure



### Example of Affirming



You have hung in there even though the cravings have been pretty bad.

### Affirming can lead to...

Yes – I can't believe how far I've come

Maybe I can really do this!









#### FOUNDATION SKILLS - OARS

#### Reflective Listening

**Simple versus Complex Reflections** 

Simple reflection

Complex reflection





People are really on your case about this, even though smoking is not the only harmful thing out there.

It is frustrating because it feels like "why pick on smoking"?



Smoking has some negative consequences, and so do other things.

From your perspective, smoking is not the most harmful thing to be concerned about.



A lot of people are pressuring you about something you already know is unhealthy.

It is like nagging, and that doesn't feel very supportive or helpful.



#### **Practicing Reflective Listening**

Individually, take a moment to write down an example of a simple and a complex reflection for the following statement (coming up – next slide).

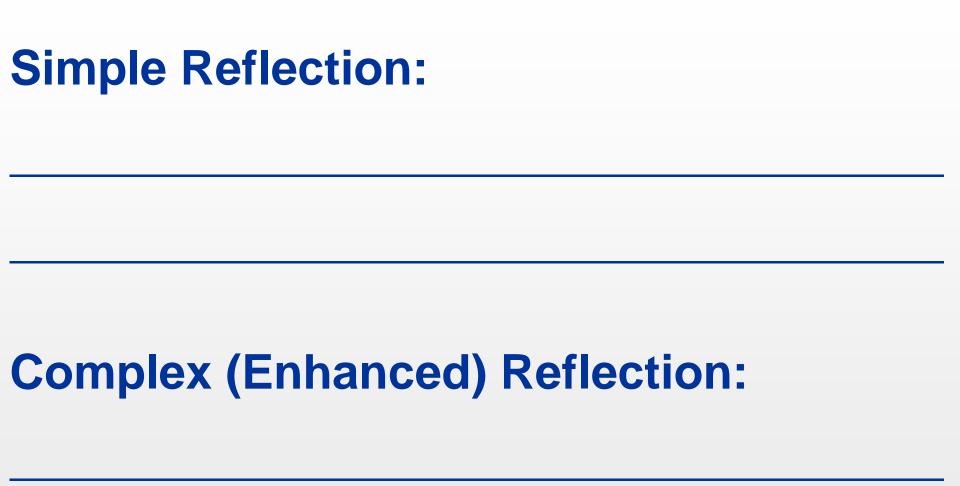
Then compare what you wrote with others at your table. As a group, choose the best examples to share with the larger group.

#### **Practicing Reflective Listening (1)**



"How I live my life is my own business."

#### "How I live my life is my own business."



#### **Practicing Reflective Listening (2)**



"I know you mean well, but I don't need this medication any more."

"	know	you m	ean well,	but I don	't need	this
m	edicati	on any	/ more."			



#### Complex (Enhanced) Reflection:







#### FOUNDATION SKILLS - OARS

#### **Summary Statements**

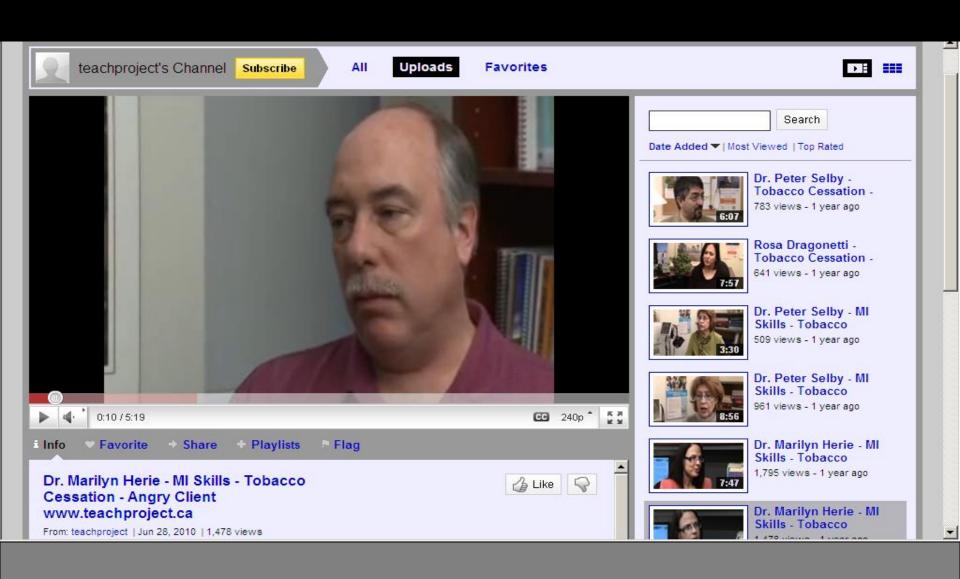
"Bouquets of Change Talk with Sprigs of Sustain Talk"

### Why use summary statements?

- To check your understanding of the person's situation as a whole
- To reflect back key components of what the person has discussed
- To signal a transition to another topic or the end of the session/consultation
- To highlight change talk

#### Example of OARS (including Summary Statement)

#### "Angry Bob"



#### Summary of Skills: O A R S

- Open-ended questions
- Affirmations (versus praise)
- Reflections (simple and complex)
- Summary statements







## Recognizing & Responding to Change/Sustain Talk

Learning Objective:

Listen for and respond to client change talk

#### Change Talk

- Any speech moving in the direction of change
- We don't know if it's change talk unless we know what the goal is

"If I don't quit smoking I know I will be back in the hospital."

#### Change Talk and Sustain Talk

"Opposite Sides of a Coin"

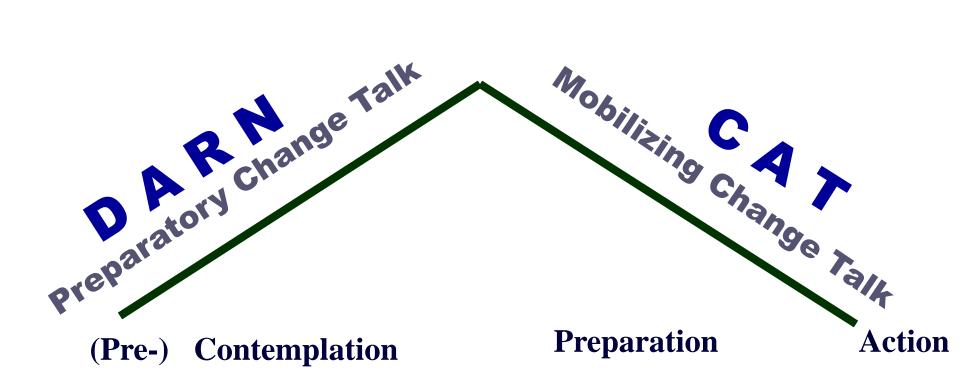
#### DARN CAT

- Desire
- Ability
- Reasons
- Need

- Commitment
- Action
- Taking Steps



# Yet another metaphor MI Hill



#### Discord and Sustain Talk

- Both highly related to practitioner style
- Respond to both in the same way (OARS)

```
"I'm not going to quit." (sustain talk)
"You don't understand how hard it is for me."
(resistance)
```

# Responding to Change Talk

- Use O A R S strategies to elicit:
  - Open questions: Ask for elaboration
  - Affirmations: Affirm "DARN CAT" statements
  - Reflect examples of change talk back to clients
  - Summarize change talk

## Example

"I know I should use my inhalers, but I am always forgetting where I put them."

What kind of change talk is this?

Preparatory change talk – "DARN" statement (NEED)

# Example

"I know I should use my inhalers, but I am always forgetting where I put them."

- What are some of the reasons you think it's important to use the medication?
- You have been working hard to manage your asthma in spite of how hard it can be.
- You know that using the medication every day is very important.
- Let me make sure I understand what you've said so far: You've been having a lot of coughing at night; you came today to see me because you are worried about the symptoms you're experiencing; you know what you should be doing it's just hard to actually put it into practice. Does that capture it, or did I miss anything?

#### **Practice Exercise**

"I have tried asking my partner to smoke outside, but she doesn't listen."

What kind of change talk is this?

#### Practice Exercise

"I have tried asking my partner to smoke outside, but she doesn't listen."

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## Agenda-Mapping

#### Learning Objective:

Apply agenda-setting as a strategy for working with clients with complex, co-occurring issues

# Agenda-Mapping

- A brief discussion with the client, where he/she has the most decision-making freedom possible
- The client chooses what area toward better health they want to discuss
- No topic is off limits success in one area can lead to success in another

## Tips for Agenda-Mapping

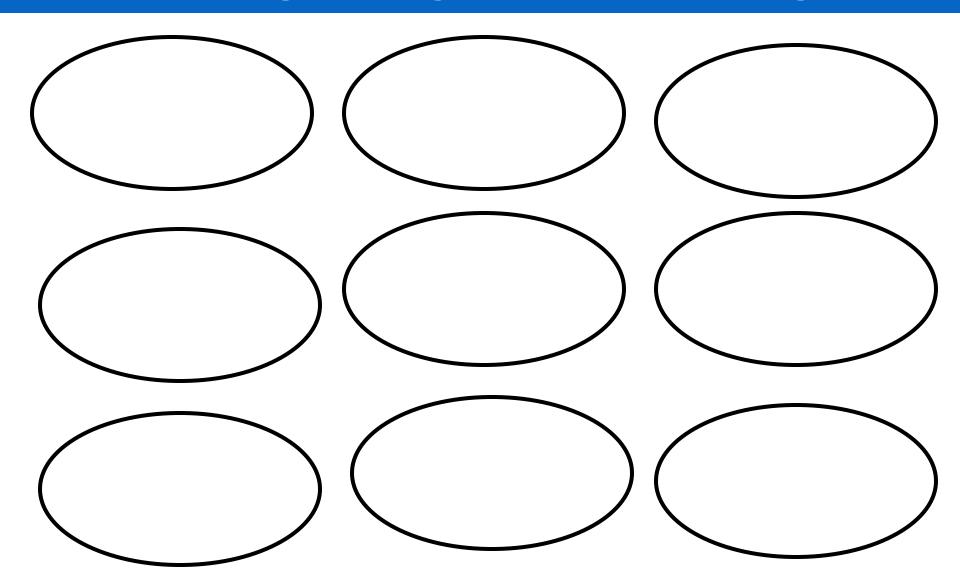
- Start with understanding the patient's perspectives and preferences
- Try not to 'trap' the person by suggesting a lifestyle change (or focusing too soon on change) once the person raises a lifestyle area

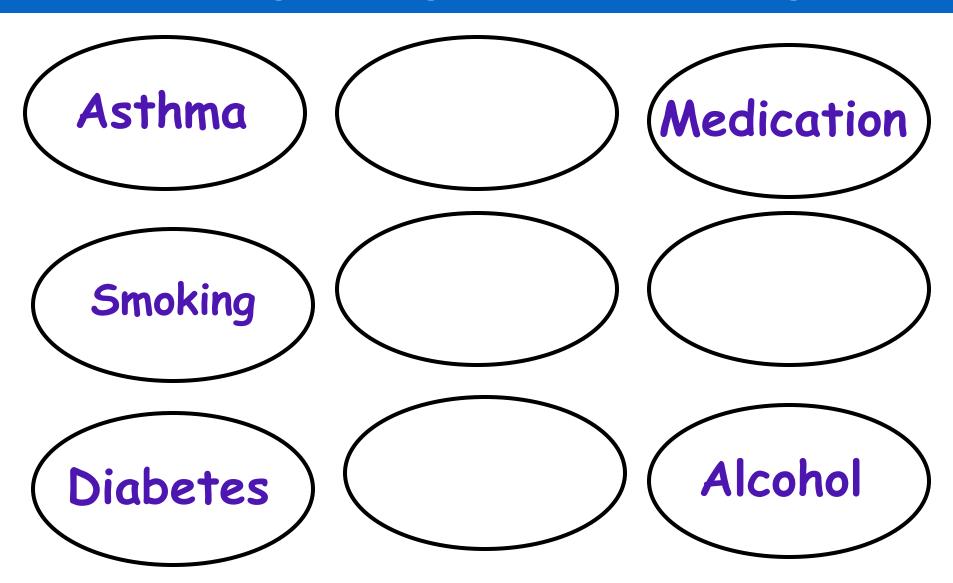
## Tips for Agenda-Mapping

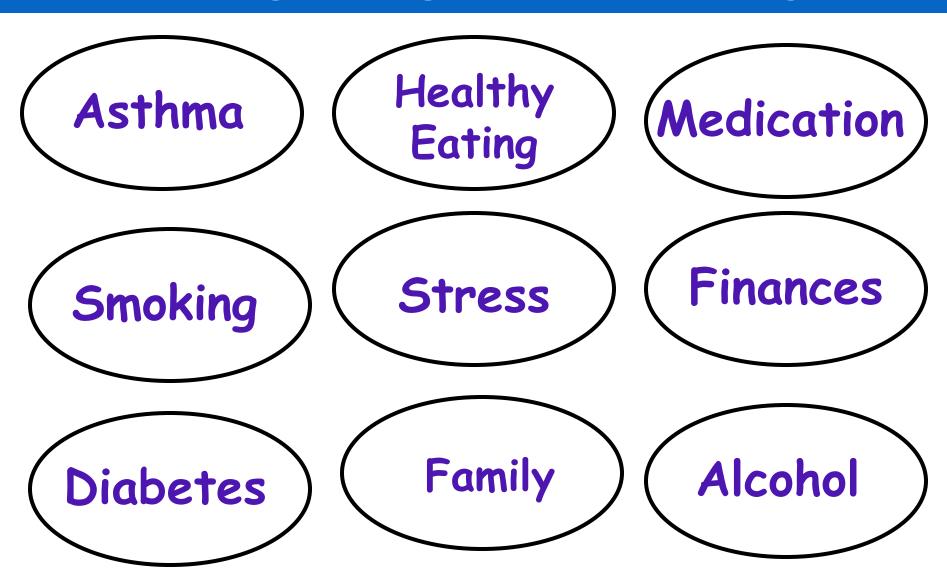
- Consider providing the patient with a finite list of topics to choose from, and asking them if any of the areas they want to discuss are included in that list
- After the patient responds, feel free to mention topics that you want to talk about

# Strategies Include...

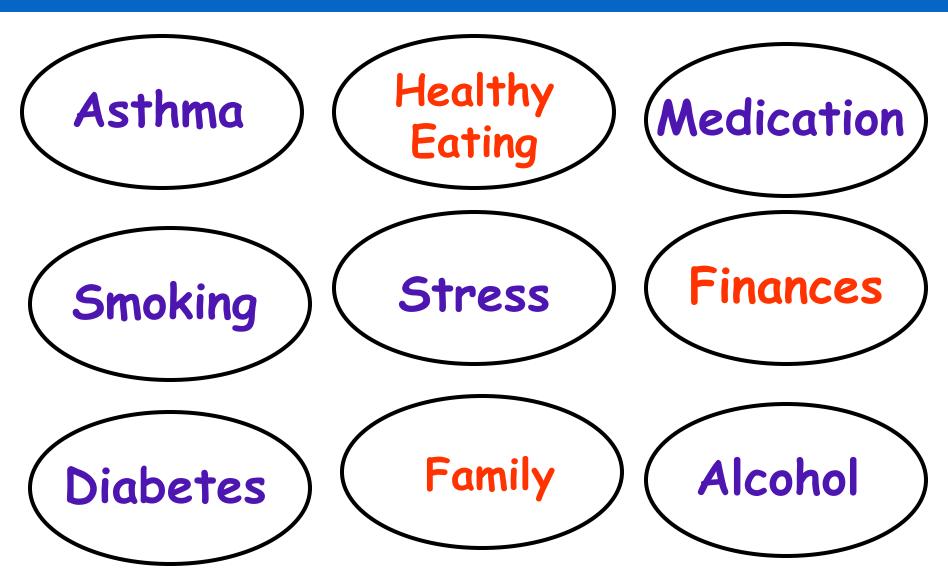
- Asking for elaboration
- Reflective listening
- Emphasizing personal choice and control
- Asking permission before making suggestions
- Summary statements







"Given these possible areas to focus, what would you like to talk about in our time together today?"



## Video Demonstration

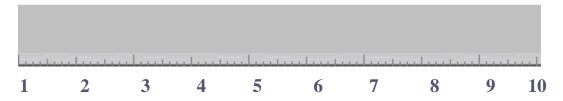


Agenda setting conversation with "Sal"

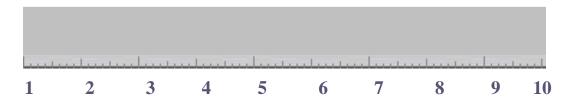
## "Readiness Ruler"

People usually have several things they would like to change in their lives – this may be only one of those things. Answer the following three questions with respect to your goal for this week.

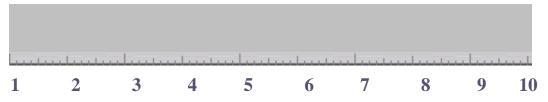
How important is it to change this behaviour?



How confident are you that you could make this change?



How ready are you to make this change?

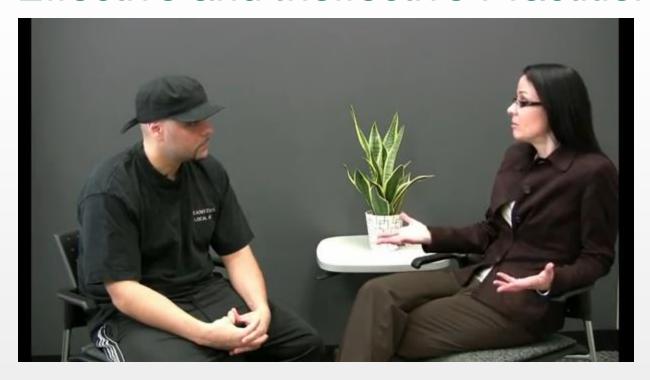


#### Summary of Skills

- Recognizing change talk
  - DARN CAT
- Eliciting Change Talk
  - OARS
- Agenda-setting
  - Worksheet
  - Readiness Ruler
  - Follow-up questions

# Putting It All Together

#### The Effective and Ineffective Practitioner



How NOT to do Motivational Interviewing: A conversation with "Sal" about managing his asthma

#### Learning Objective:

Recognize and integrate MI spirit and skills in practice

#### **Motivational Interviewing Coding Sheet**

•	Num	ber (	of c	losed	questions:	
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- Number of open questions:
- Number of simple reflections:
- Number of complex reflections:
- Change statements by client:
- Sustain statements by client:

#### **Targets:**

Twice as many reflections as questions

At least 50% complex reflections

No more than 50% therapist talk time

MI "Spirit"	(low)				(high)
Partnership	1	2	3	4	5
Acceptance	1	2	3	4	5
Compassion	1	2	3	4	5
Evocation	1	2	3	4	5

# The Effective Practitioner "Sal"



#### **Motivational Interviewing Coding Sheet**

•	Num	ber d	of c	losed	questions:	
---	-----	-------	------	-------	------------	--

- Number of open questions:
- Number of simple reflections:
- Number of complex reflections:
- Change statements by client:
- Sustain statements by client:
- Therapist talk time (approx.): \_\_\_\_\_\_ %

#### **Targets:**

Twice as many reflections as questions

At least 50% complex reflections

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MI "Spirit"	(low)				(high)
Partnership	1	2	3	4	5
Acceptance	1	2	3	4	5
Compassion	1	2	3	4	5
Evocation	1	2	3	4	5

#### Hands-on Practice

- In groups of three, take three roles:
  - Person "A" describe a change you are thinking of making in the next 6 months – 1 year
  - Person "B" respond using motivational strategies
  - Person "C" observe and give feedback

Each "Real Play" will take 5 minutes.

After each turn, rotate the roles so that everyone has a chance to practice and receive feedback.

Please HOLD your feedback until everyone has had a chance to practice – you will have an opportunity to debrief as a small group at the end of this exercise

#### **Motivational Interviewing Coding Sheet**

•	Num	ber of	clo	sed	questions:	
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- Number of open questions: \_\_\_\_\_\_
- Number of simple reflections:
- Number of complex reflections:
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- Sustain statements by client:
- Therapist talk time (approx.): \_\_\_\_\_\_\_\_%

#### **Targets:**

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MI "Spirit"	(low)				(high)
Partnership	1	2	3	4	5
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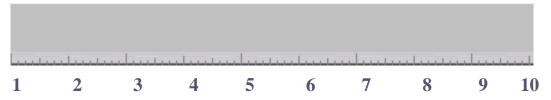
# Continuing Professional Development in Motivational Interviewing

#### Learning Objective:

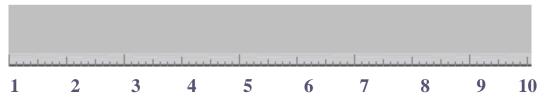
Set objectives and access resources for continuing professional development in MI skills

# "Readiness Ruler"

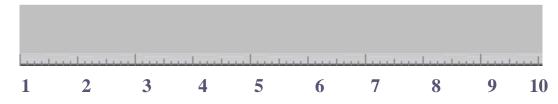
How important is it to start using some of these strategies/tools?



How confident are you that you could apply them in your practice?



How ready are you to actually use them?



### **Practice Goals**

What is one thing you will commit to practicing with your clients this week?

#### **Recommended Resources for Motivational Interviewing Skills Development**

Martino, S., Ball, S.A., Gallon, S.L., Hall, D., Garcia, M., Ceperich, S., Farentinos, C., Hamilton, J., and Hausotter, W. (2006). *Motivational Interviewing Assessment: Supervisory Tools for Enhancing Proficiency (MIA STEP)*. Salem, OR: Northwest Frontier Addiction Technology Transfer Center, Oregon Health and Science University.

http://www.motivationalinterview.org/Documents//MIA-STEP.pdf

Miller, W.R. & Rollnick, S. (2013). *Motivational Interviewing: Helping People Change 3rd Edition.* New York: The Guilforde Press.

Miller, W.R. & Rollnick, S. (2009). Ten things that Motivational Interviewing is not. Behavioural and Cognitive Psychotherapy, 37, 129-140. <a href="http://journals.cambridge.org/action/displayAbstract?fromPage=online&aid=5318416">http://journals.cambridge.org/action/displayAbstract?fromPage=online&aid=5318416</a>

Rollnick, S., Miller, W.R., & Butler, C.C. (2008). *Motivational Interviewing in Health Care: Helping Patients Change Behavior*. New York: The Guildford Press.

First chapter and table of contents available at <a href="https://www.motivationalinterview.org">www.motivationalinterview.org</a>

Rosengren, D.B. (2009). *Building Motivational Interviewing Skills: A Practitioner Workbook*. New York: Guilford.

#### **Useful Websites**

Motivational Interviewing Website

http://www.motivationalinterview.net/

Motivational Interviewing Network of Trainers (MINT) Website

www.motivationalinterviewing.org

Examples of Motivational Interviewing Videos on YouTube

http://www.youtube.com/user/teachproject#p/u