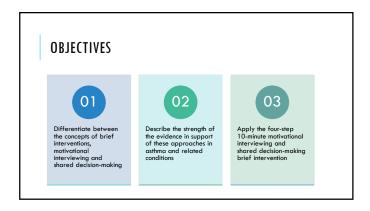
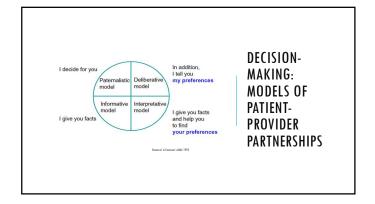
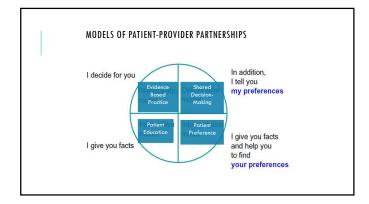
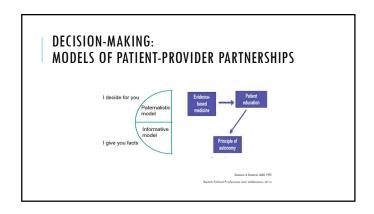


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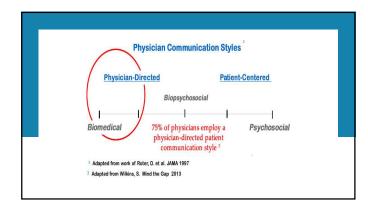


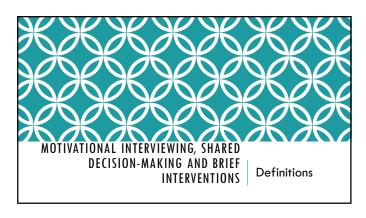


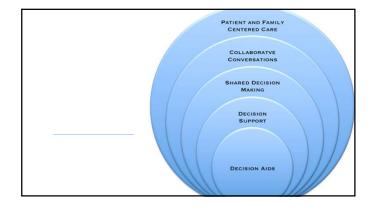






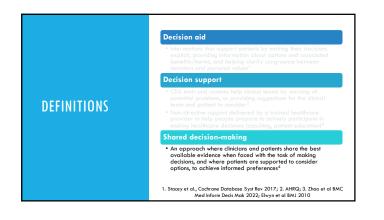


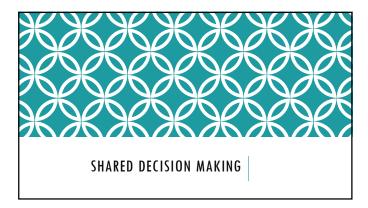


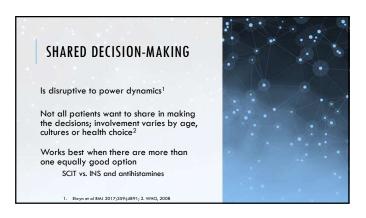


# DEFINITIONS • Interventions that support patients by making their decisions explicit, providing information about options and associated benefits/harms, and helping clarify congruence between decisions and personal values. Decision support • OB took and system help clinical teams by warning of potential problems, or providing suggestions for the clinical team and patient to consider. • Non-directive support delivered by a trained healthcore provider to help people perpare to actively participate in making healthcare decision. (coaching, patient education). Shared decision-making • An approach where clinicans and patients share the best available evidence when faced with the task of making decisions, and where patients are supported to consider approach, where patients are supported to consider approach, to achieve informed preferences. 1. Stacey et al., Cochrone Database Syst Rev 2017; 2. AHRQ; 3. Zhoo et al BMC Med Inform Decis Med. 2022; Ewyn et al BMJ 2010

# DEFINITIONS DEFINITIONS Perison aid Intervenilors that support patients by making their decisions explict, providing information about options and associated benefits, harms, and helping durity congruence between decision support CoDS tools and systems help clinical teams by warning of potential problems, or providing suggestions for the clinical team and patient to consider<sup>2</sup> Non-directive support delivered by a trained healthcare provider to help people prepare to actively participate in making healthcare decisions (coaching, patient education)<sup>3</sup> Shared decision-making An approach where clinicians and patients share the best available evidence when faced with the task of making decisions, and where patients are supported to consider options, to achieve informed preferences<sup>4</sup>







## THREE TALK MODEL OF SHARED DECISION MAKING

- Team talk
- Let's work as a team to make a decision that suits you best
- Option talk
- Let's compare the possible options
- Decision talk
- Tell me what matters most to you for this decision



Elwyn et al BMJ 2017;359:j4891

## PREMISE FOR SHARED DECISION-MAKING



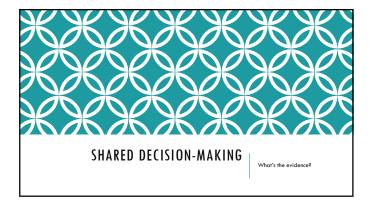
When providers understand patient preferences, they can facilitate discussion of the risks and merits, offering options to consider jointly



Helps to reconcile differences, leading to mutually agreed upon higher quality decisions that best match patients' needs with evidence-based recommendations



Building relationships is at the core of  $\ensuremath{\mathsf{SDM}}$ 



### SHARED DECISION-MAKING IN ASTHMA - COCHRANE SYSTEMATIC REVIEW

Kew KM, Malik P, Aniruddhan K, Normansell R. Shared decision-making for people with asthma. Cochrane Database Syst Rev. 2017;10(10):CD012330. Published 2017 Oct 3. doi:10.1002/14651858.CD012330.pub2

## **EVIDENCE** PYRAMID Animals & Cell Studies

## SHARED DECISION-MAKING IN ASTHMA - COCHRANE SYSTEMATIC REVIEW

Four studies compared SDM to control in 1342 participants

Three studies recruited children with asthma and their caregivers Two involved use of an online portal, followed by face-to-face consultations

The final study randomized pediatric general practice physicians to receive a seminar program promoting application of SDM principles

One trial delivered the SDM intervention to the medical practitioner

Three trials delivered the SDM intervention directly to the participant

Kew KM, Malik P, Aniruddhan K, Normansell R. Shared decision-making for people with asthma. Cochrane Database Syst Rev. 2017;10(10):CD012330. Published 2017 Oct 3. doi:10.1002/14651858.CD012330.pub2

#### THE EVIDENCE FOR SHARED DECISION-MAKING IN ASTHMA

Individual studies demonstrated some benefits of SDM over control

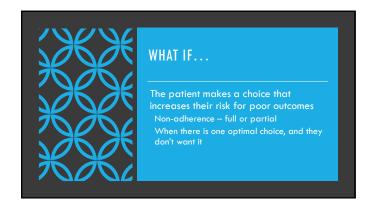
- quality of life
- patient and parent satisfaction
- •adherence to prescribed medication
- \*reduction in asthma-related healthcare visits
- •improved asthma control

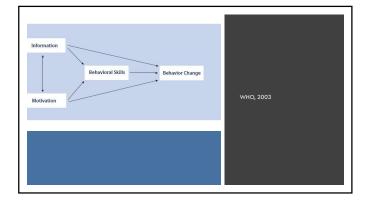
Kew KM, Malik P, Aniruddhan K, Normansell R. Shared decision-making for people with asthma. Cochrane Database Syst Rev. 2017;10(10):CD012330. Published 2017 Oct 3. doi:10.1002/14651858.CD012330.pub2

## Congo Ng STUDIES IN ASTHMA Lee DL, Hammond JW, Finkel K, Gardner DD, Nelson B, Baptist AP. An Electronic Shared Decision-Making App to Improve Asthma Outcomes: A Randomized Controlled Trial. J Allergy Clin Immunol Pract. 2023;11(10):3116-3122.e5. doi:10.1016/Ejajap.2023.06.016 George M, Bruzzese JM, Lynn S Sommers M, et al. Group-randomized trial of tailored brief shared decision-making to Improve asthma control in urban black adults. J Adv Nurs. 2021;77(3):1501-1517. doi:10.1111/jan.14646 Ludden T, O'Hare K, Shade L, Reeves K, Patterson CG, Tapp H. Implementation of Coach McLungs<sup>5M</sup> into primary care using a cluster randomized stepped wedge trial design. BMC Med Inform Decis Mack. 2022;22(1):285. Published 2022 Nov 4. doi:10.1186/s12911-022-02030-1

### SDM IN COPD

Granados-Santiago M, Valenza MC, López-López L, Prados-Román E, Rodriguez-Torres J, Cabrera-Martos I. Shared decision-making and patient engagement program during acute exacerbation of COPD hospitalization: A randomized control trial. Patient Educ Couns. 2020;103(4):702-708. doi:10.1016/ji.pec.2019.12.004







## MOTIVATIONAL INTERVIEWING

"Particular way of talking with people about change and growth to strengthen their own motivation and commitment."

MI is a micro-counseling approach for eliciting behavior change by helping clients explore and resolve ambivalence



### MI SPIRIT

Eliciting and respecting the patient's ideas, perceptions and opinions

Eliciting and reinforcing the patient's autonomy and choices

Acceptance of the patient's decisions



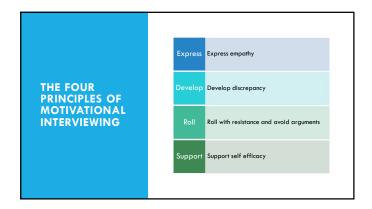
## AMBIVALENCE IS NORMAL

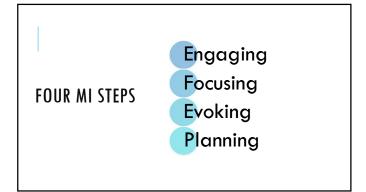
Cross talk

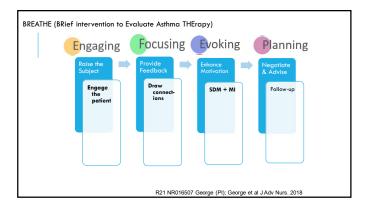
Change talk – in favor of change

Sustain talk – in favor or the status quo









ONE	MI	NUT	Έ	
<b>STEP</b>	1	ENG	AG	ING



They need to hear themselves say that they are agreeing to engage Will they say no?

Could we talk about your asthma management today?

## THREE MINUTES STEP 2 FOCUSING



Both give feedback

See if the patient can draw the connection between suboptimal self-management and current symptoms/status using infographic (next slide); if the patient can't the clinician does it for them

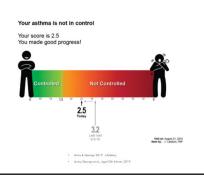
You're not in it to win

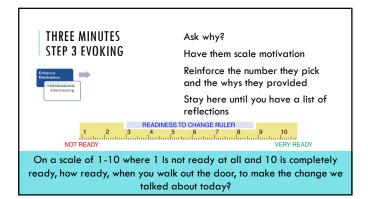
Curious but not invested

New behavior needs new reasons

What connection, if any, do you make between your asthma management and your symptoms/ER visit/etc?

INFOGRAPHIC OF ASTHMA CONTROL QUESTIONNAIRE SCORE IS UNDERSTANDABLE AND CREATES BEHAVIORAL INTENTIONS





If patient says any number  $\geq 2$ , ask "Why did you choose that number and not a lower one?" If a patient says  $\leq 1$  or is unwilling to answer, ask "What would it take for you to become a "2"?



# THREE TALK MODEL OF SHARED DECISION MAKING Team talk Let's work as a team to make a decision it suits you best Option talk Let's compare the possible options Decision talk Tell me what matters most to you for this decision

ONE	ΜI	NU	TE		
STEP	4	PL/	١N	NI	NG



Reinforce good steps

Remind them what they need to do and why

Imagine (small steps to success)

This is what I've heard you say, you have agreed to ... because you want/it will lead to ... (summarize their most motivational reasons for change). Remind yourself everyday of these reasons and even add new ones to the list. This is an agreement between you and yourself becaus only you can decide it is important enough to you to make these changes



MOTIVATIONAL
INTERVIEWING
IN COPD —
COCHRANE
SYSTEMATIC
REVIEW

Motivational interviewing provided by a health professional can help to improve adherence to pharmacotherapy

Janjua S, Pike KC, Carr R, Coles A, Fortescue R, Batavia M. Cochrane Database Syst Rev. 2021;9(9):CD013381. Published 2021 Sep 8. doi:10.1002/14651858.CD013381.pub2

