Simulation-based training for medical students and residents in psychiatry

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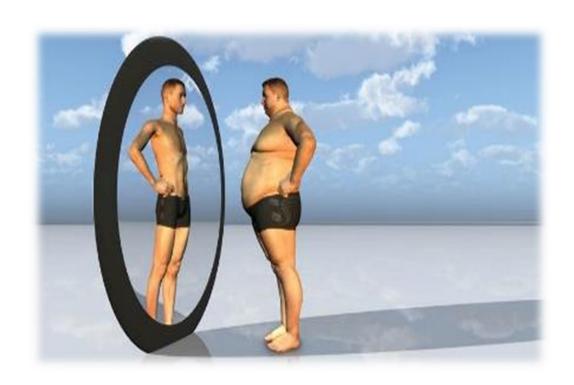
Introduction

Why actors (SP)?

Introduction

Why video?

Introduction

To evaluate whether the use of SP during the rotation in psychiatry is effective in improving both communication and psychiatric skills of medical students in real-life settings

Methods

Participants

- St. George University of London (n=29)

- Tel Aviv University (n=13)

- MSR and Psychiatry

Methods

Procedure

- SP ➡ training ➡ clinical setting

- Communication and psychiatric

  skills

- Two groups

Methods

Evaluation

- Four habit coding scheme

- Mental status coding scale

- Self-satisfaction

The Four Habits Coding Scheme: Validation of an instrument to assess clinicians' communication behavior

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Results

Four Habits Coding Scale scores, before and after training (n=42)

Habit	Mean (SD) Pre-training	Mean (SD) Post-training	t	P value
1: Invest in the beginning	13.7 (2.9)	21.9 (3.1)	-11.6	**<.001***
2: Elicit Patient's perspective	8.3 (2.7)	13.2 (2.1)	-8.9	**<.001***
3: Demonstrate empathy	11.9 (3.3)	17.3 (2.7)	-8.8	**<.001***
Total	33.9 (7.7)	52.3 (6.9)	-11.5	**<.001***

Mental Status Coding Scale (MSCS)

Signs and Symptoms	Pre-training	Post-training	P	
	n (%)	**n (%)**		
Suicidality	26 (62)	34 (81)	0.096	
Mood symptoms	35 (83)	36 (86)	0.554	
Impaired affect	30 (71)	35 (83)	0.332	
Presence of delusions	32 (76)	38 (90)	0.146	
Presence of hallucinations	34 (81)	40 (95)	0.109	
Impaired thought process	25 (60)	41 (98)	**<.001***	
	Mean (SD)	**Mean (SD)**	**t**	**p**

Discussion

- Efficacy of SPs in improving communication skills with real patients

- Use of SPs improve clinical skills and confidence

- Enhance communication skills, build empathy, and reduce stigma towards psychiatry

Discussion

Limitations

- Sample size

- Two different programs

- Lack of control group

MSR & Psychiatric Residents

- MSR training days in several clinical junctures during the residency

- Preparing residents for the wards, ER and outpatients clinics

- Improving residents communication skills (e.g. Breaking Bad News)

Introduction

- Training residents in delivering difficult news

- Understanding the efficacy of training on residents

  performance and competency

Methods

- 20 residents

- One training day

- Two scenarios for delivering difficult news