

## BACKGROUND

- Medical errors are common and often go unrecognized.
- Medical education often lacks experience in identifying and disclosing medical errors.
- We sought to create a workshop that provided participants the opportunity to examine, identify, and disclose medical errors through a case-based example.

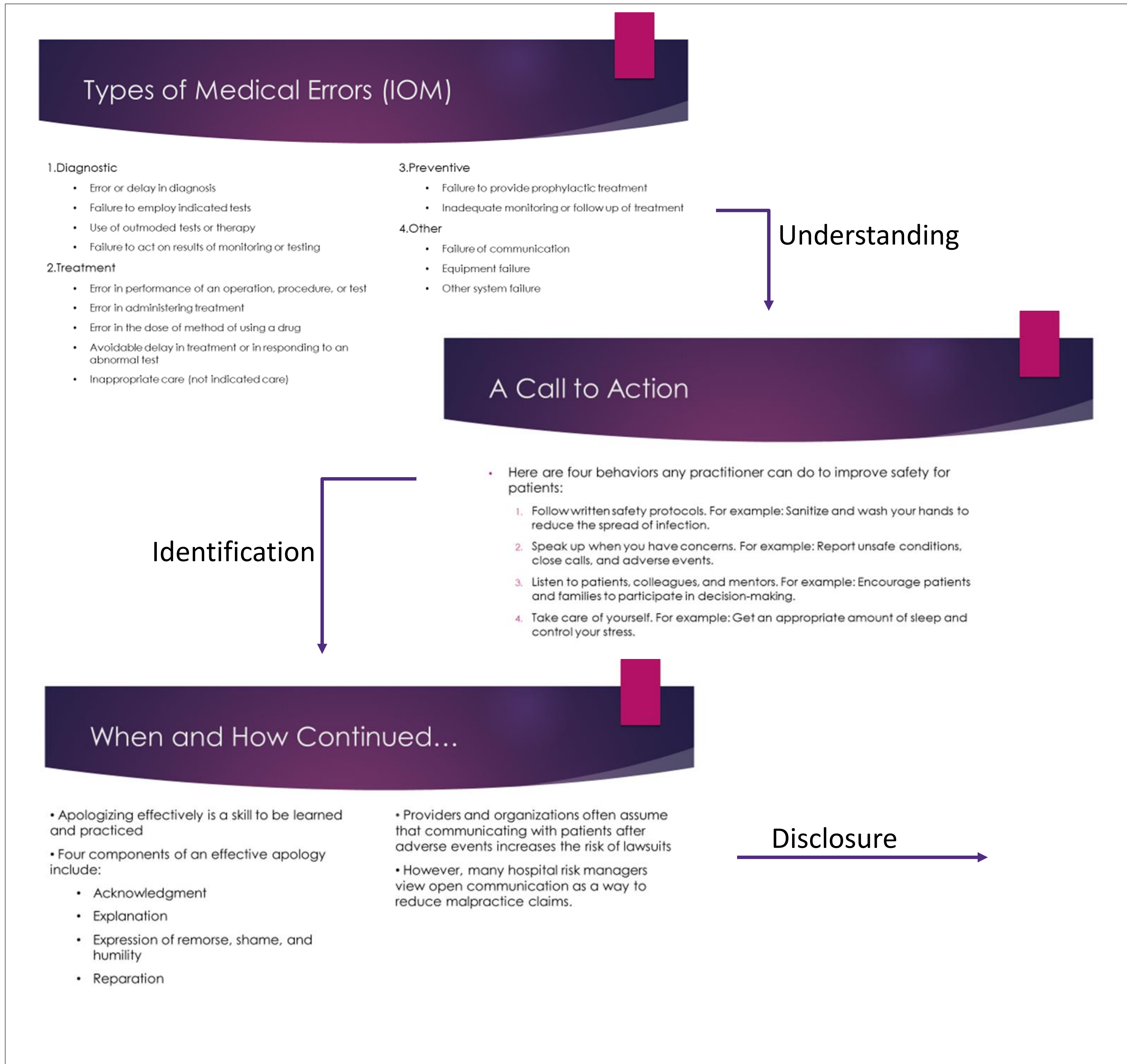
## METHODS

- Case based workshop created that centered on identification and disclosing of medical errors.
- Workshop included didactics, video simulation, and participant role play.
- Video simulation is owned by authors and is based on a real case that occurred at our facility
- Participants took pre and post-session surveys regarding ability and comfort with identifying and disclosing medical errors.

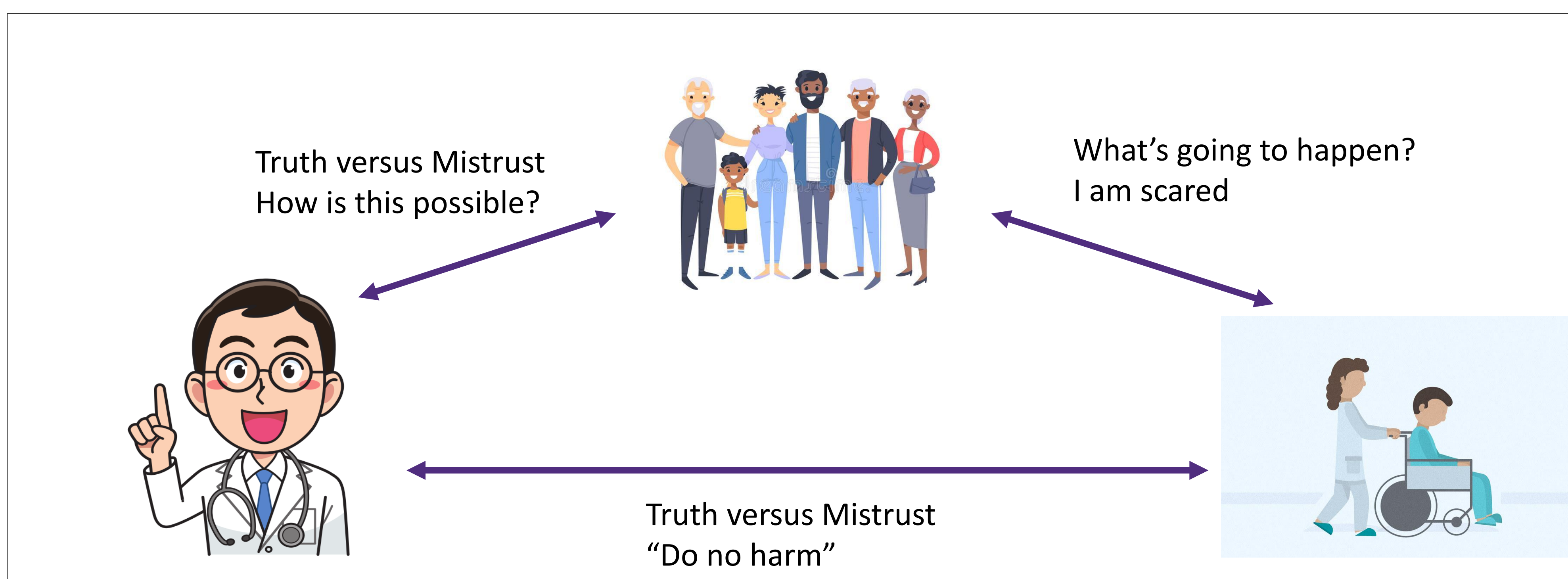
## WORKSHOP CASE OUTLINE

- 54 yo M with h/o aortic valve replacement on Coumadin, presents to ED with his wife after a tooth extraction for evaluation of bleeding from his dental extraction site.
- Pressure with gauze was attempted at home without stopping the bleed the bleeding.
- The patient did not stop his Coumadin due to his valve replacement
- The resident suggested giving Vitamin K to reverse the Coumadin in order to stop the bleeding.
- Attending thought since he had his valve replaced better to opt to use topically applied TXA at the extraction site
- TXA order goes into the EHR correctly with the assistance of the pharmacist and administration note
- Nursing side MAR does not reflect this note
- TXA is given by mouth instead of topically because nursing can't see the comment section of the order in the MAR.
- The TXA was a subtherapeutic dose, but there is no way for anyone to know exactly how this is going to effect the heart valve.

## FRAMEWORK FOR IDENTIFICATION AND DISCLOSURE



## COMMON DYNAMIC OF MEDICAL ERROR DISCLOSURE



## RESULTS

Table 1 Average Likert Scale Responses

Prior to this Workshop (N=28):	Avg. response out of 5 <sup>a</sup>	After workshop (N=26):	Avg. response out of 5 <sup>a</sup>	P-Value <sup>b</sup>
How knowledgeable are you about the different types of medical errors?	2.89	How knowledgeable are you about the different types of medical errors?	4.19	<0.001
How comfortable are you in disclosing medical errors to patients and their families?	2.46	How comfortable are you in disclosing medical errors to patients and their families?	4	<0.001
After completing this workshop, I hope to be more knowledgeable and comfortable about identifying and disclosing medical errors.	4.57	After completing this workshop, I am more knowledgeable and comfortable about identifying and disclosing medical errors.	4.42	<0.001

<sup>a</sup>5-point Likert Scale with 1 indicating not comfortable/no prior knowledge and 5 indicating extremely comfortable/Very knowledgeable

<sup>b</sup>Two-sample T-Test use as N of pre-workshop survey is different from post-workshop survey.

## DISCUSSION

- 28 fourth year medical students attended workshop
- Well received by medical students, this feasible case-based workshop offers an opportunity to address an important part of medical training, identification and disclosure of medical errors.
- Results suggest that student knowledge and comfort with disclosing a patient error improved.
- Medical students generally felt that the workshop was relevant to their role as future physician.

## REFERENCES

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