

# Improving Accuracy in the Assessment of the Dizzy Patient with Online Virtual Patients

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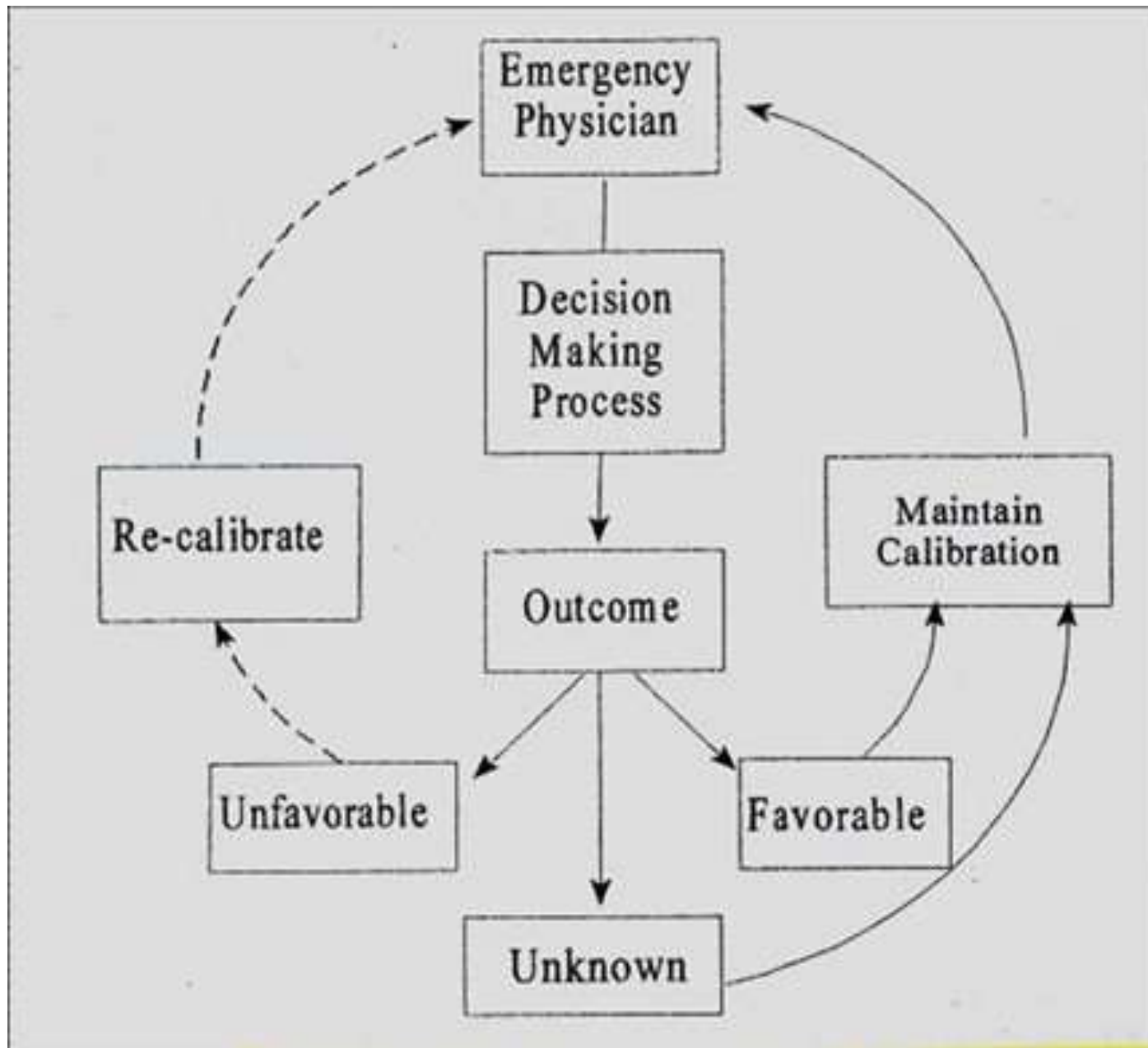
ABMS Scholar

# Disclosures

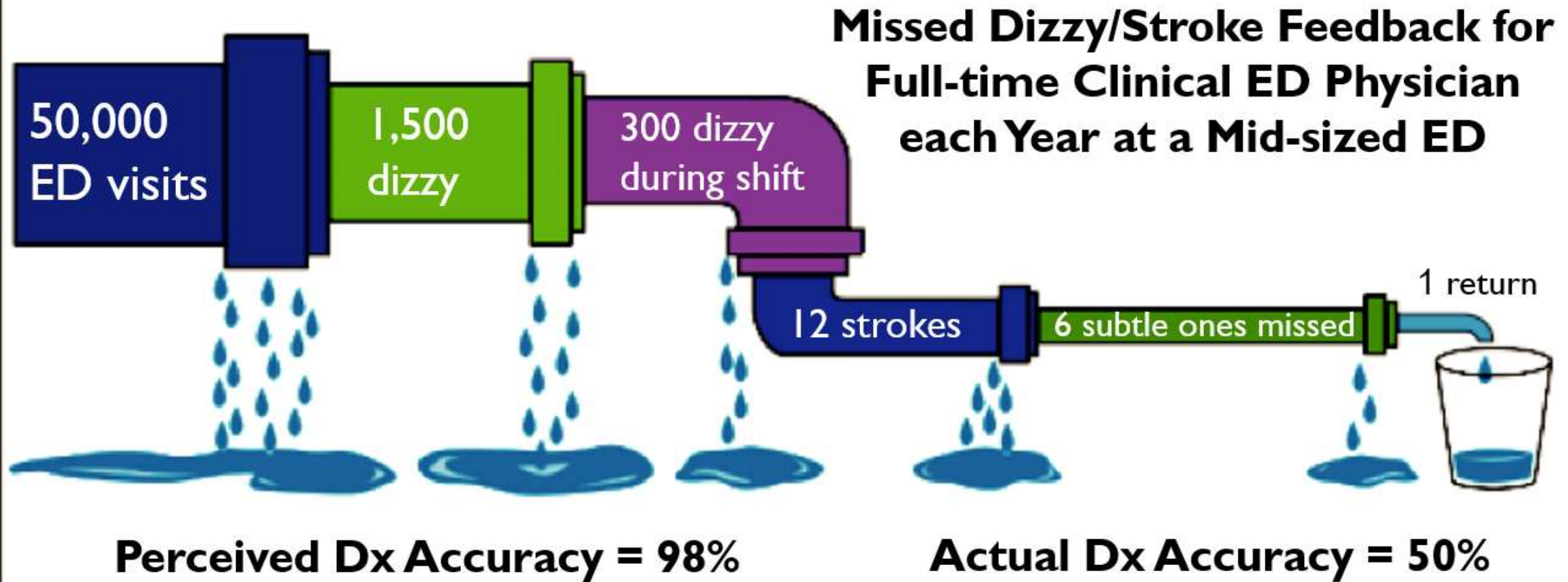
- NONE

# Disclosures

- NONE



Croskerry P. The feedback sanction. Acad Emerg Med. 2000 Nov;7(11):1232-8. Review. PubMed PMID: 11073471.

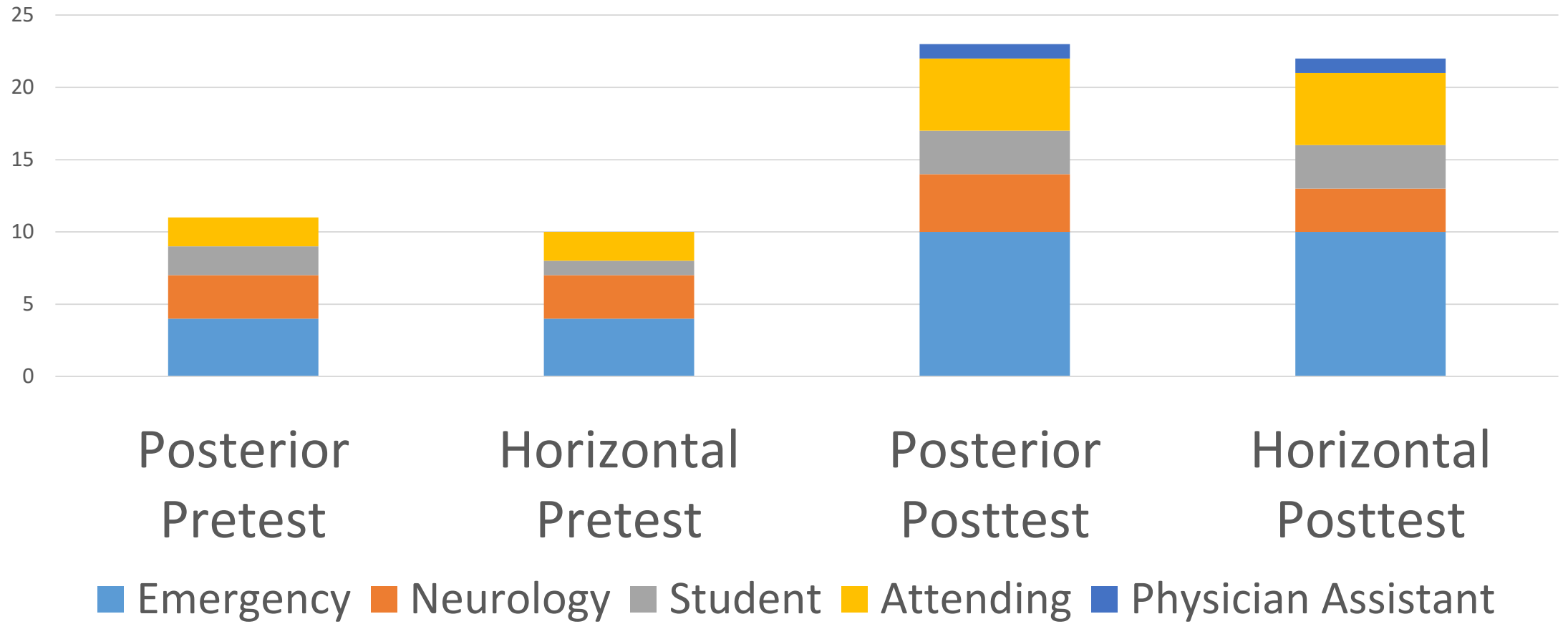


Omron R, Kotwal S, Garibaldi BT, Newman-Toker DE. The Diagnostic Performance Feedback "Calibration Gap": Why Clinical Experience Alone Is Not Enough to Prevent Serious Diagnostic Errors. *AEM Educ Train*. 2018 Sep 17;2(4):339-342. doi: 10.1002/aet2.10119. eCollection 2018 Oct. PubMed PMID: 30386846; PubMed Central PMCID: PMC6194049.

# Using Smart Phones for Psychomotor Training



# Able to Accurately Diagnose Posterior Or Horizontal Canal Vertigo Pre and Post iPhone App Tutorial



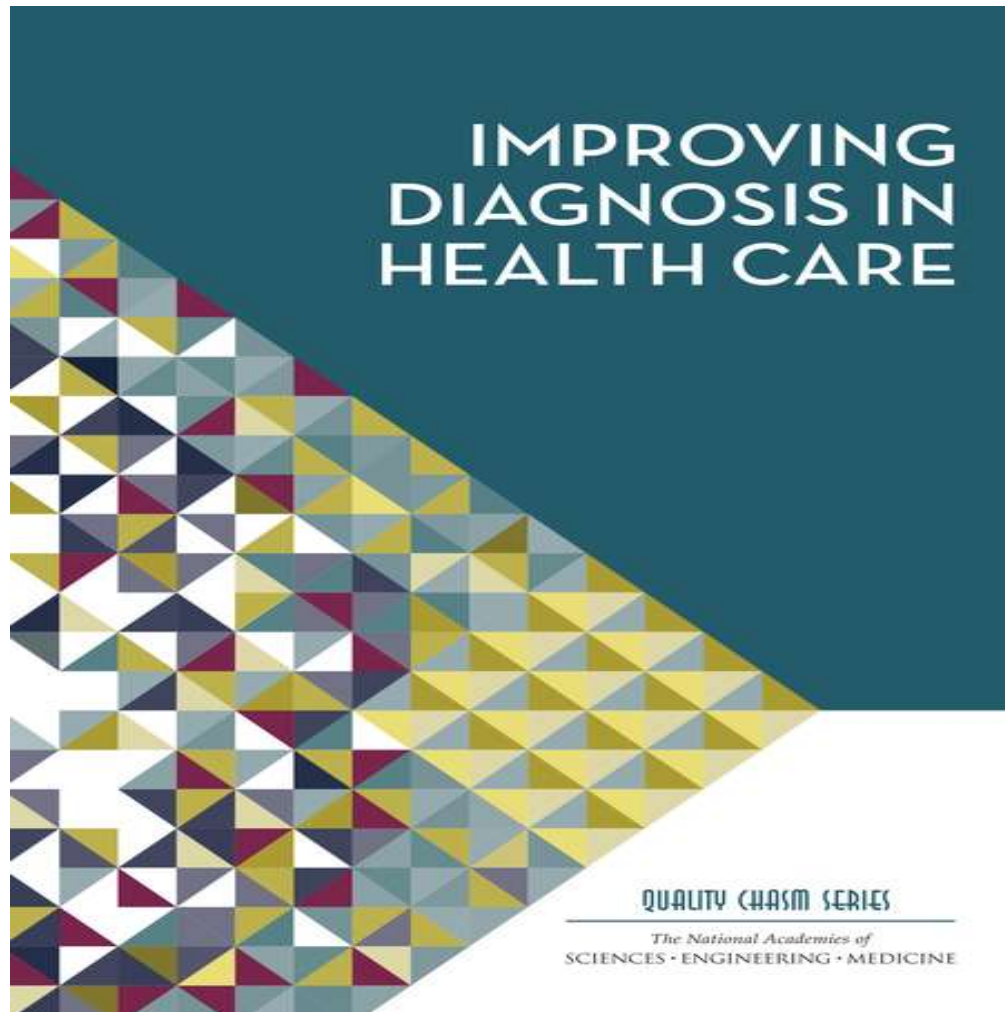
# Real-World Virtual Patients

***Improving Diagnosis through Case-Based  
Simulation Using Actual History & Physical Exam Data***

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Johns Hopkins University School of Medicine  
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# Background



## History of Presenting Illness

Contract All  Expand All

→ Dizzy Type

What do you mean when you say that you are dizzy? (audio recording of patient)

Can you describe more about the dizzy, lightheaded, or off balance feeling?

What did your dizziness feel like?

How would you describe your symptoms?

Dizzy Timing and Triggers

Dizzy Exposures

Dizzy Severity of Current Symptoms

Dizzy Associated Symptoms

Dizzy Impact of Problem on Life

Time: 00:01:00

Cost: \$7



Acknowledgements

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	Pre Test			Post Test		
	Senior Residents (n=16)	Interns (n=22)	p value	Senior Residents (n=17)	Interns (n=18)	p value
Test Score mean Range	34.4 0-100	36 0 – 83.3	0.61	31.8 11.1 – 100	53.1 25-90	0.001
Cost (\$) mean range	983.3 355.8- 1639	955.4 456.5-2144	0.98	1235.90 504.3- 2154.7	736.30 335.5- 1125.5	<0.01

**Thank you!!**

**American Board of Medical Specialties**

**Gordon and Betty Moore Foundation**

**Center for Diagnostic Excellence**