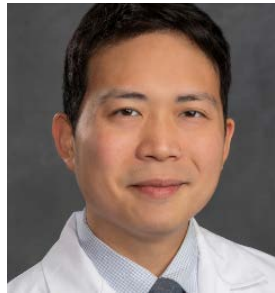


# VCU Pathology Grand Rounds

## “Evaluating Realism of AI Generated Cytology Images”

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PGY 4  
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Virginia Commonwealth University  
School of Medicine



### At the conclusion of this activity, the participant will be able to:

1. Understand the current use of artificial intelligence in Anatomic Pathology and the basic concepts of generative AI
2. Become familiar with the process of fine-tuning and testing a latent diffusion model for image generation through a user-friendly interface
3. Evaluate the realism of AI-generated images of bone marrow cells by Turing Test and potential use for trainee education



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