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New Product Development: Systems engineering approach for Regulatory compliance

Wednesday 7 September 2022 09:30 (1 hour)

ProtonVDA was funded by the USA National Cancer Institute to develop a clinically realistic proton radiography and tomography prototype system. This funding also requires a commercialization plan, including for regulatory certification. Our research team includes several medical physicists and radiation oncologists to help ensure the clinical applicability. This talk will provide an overview of our system, and how we designed it to efficiently integrate with treatment rooms and clinical workflows using pencil beam scanning.

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