Precision Imaging Metrics: 
All-in-One Cloud-Hosted Quantitative Imaging Assessment and Workflow Management System for Cancer Centers 

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Disclosures

- Member, Novometrics, LLC
  - Created to apply for NCI SBIR and AIP funding for further development of Precision Imaging Metrics software, including 510(k) submission (Phase I SBIR completed)

- Member, IQ Medical Imaging, LLC
  - Received two NCI STTR Phase II awards

- Medical Advisory Board, Fovia Inc
What is Precision Imaging Metrics?

• An all-in-one quantitative imaging and workflow management system tailored to the specific clinical trial needs of cancer centers

• The platform consists of two interconnected software components:
  1. Web-based clinical trial workflow and management system (WMS)
  2. Cloud-hosted viewer for image analysis

• PIM is in use by 7 cancer centers with 8th coming onboard summer 2018
  • 4 additional new sites are pending contract
Precision Imaging Metrics (PIM)

- Serves as communication bridge between cancer center and radiology groups
- Eliminates paper forms, spreadsheets, and other formats that do not have audit trails
- Reduces turnaround time for results
- Increases protocol compliance
- Increases reliability / reproducibility of results
- Decreases prep time for data locks, audits
- Improves financial compliance
PIM Integrated Image Viewer

- Built on Open Health Imaging Foundation (OHIF) open source framework
- OHIF is partially funded by ITCR U24 grant
  - Enables groups across academia and industry to build web-based imaging applications without having to start from scratch
  - Includes tools such as dcmjs and Cornerstone
- PIM has leveraged these tools to develop custom clinical trial functionality