Reactions from the Field: Artificial Intelligence

Session #265 | Thursday, February 14, 2019 | 2:30pm – 3:30pm | Room W304A
Featured Panelists

Razvan Atanasiu
CTO, Healthcare
Hyland Healthcare

Anil Jain, MD, FACP
Vice President & CHIO
IBM Watson Health

Jeff Fried
Director, Product Management
InterSystems

Moderator: Steve Wretling, Chief Technology & Innovation Officer, HIMSS
Thank you to our Session Sponsors
• The best clinical outcomes are achieved when the highest quality data sets are employed by AI and machine learning algorithms

• Our customers rely on our open standards approach and expertise in medical data integrity, liquidity and curation for their AI research and precision care delivery

• Our AI-powered visualization tools provide diagnostic confidence for imaging professionals around the world

• We also see opportunities to apply AI and machine learning algorithms to streamline workflows and automate repetitive tasks
• Artificial Intelligence/Machine Learning algorithms require massive amounts of data
• Legacy Imaging systems cannot handle the data requirements or the volume
• Need standards-based customizable access to imaging data in an automated fashion
• Yale partnered with Hyland to automate VNA access through the WADO-based API and python scripting engine
  • Partnership to validate against hundreds of head CT cases
  • Automated segmentation of liver lesions based on retrospective review of hundreds of abdominal CT and MR studies

Matt Zawalich, Director Clinical Imaging Technology
Yale New Haven Health System
About InterSystems

• 80 countries worldwide, headquartered in Cambridge, Mass.
• Data Management and interoperability for mission-critical and life-critical, data-intensive applications
• Products:
  – InterSystems IRIS Data Platform and IRIS for Health
  – HealthShare
  – TrakCare
• Major clients include:
  – Epic
  – U.S. Department of Veterans’ Affairs
  – Hospitals, payers and health systems worldwide

40+ years of experience in data management, interoperability, and support of the world’s most critical applications
Our Take on Artificial Intelligence

• “It’s not about Big Data, it’s about Good Data.” – Babak Hodjat

• Clean, normalized data is the key to successful A.I.

• InterSystems IRIS Data Platform unifies, normalizes, and processes data as a foundation for A.I. and M.L. models

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