

HIMSS[®]19

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Global Conference & Exhibition
FEB 11–15, 2019 | ORLANDO



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



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Hyland[®]

HEALTHCARE

Hyland[®]

- 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

Hyland[®]

- 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*





InterSystems

Health | Business | Government

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

*40+ years of experience in data management, interoperability,
and support of the world’s most critical applications*



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