

#### **Disclosures**

- Academic CV Imaging core lab with multiple commercial sponsors (including AI)
- Scientific Advisory Board/consultant BayLabs

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### Al in Already on Your Echo Machine

- 1. What is AI / ML?
- 2. How is it being applied in Echo today?
- 3. What's next for AI/ML in Echo?
- 4. Adjunct to other Al Medical Applications?

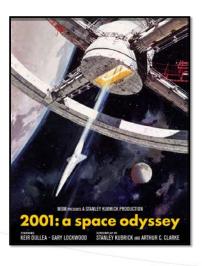
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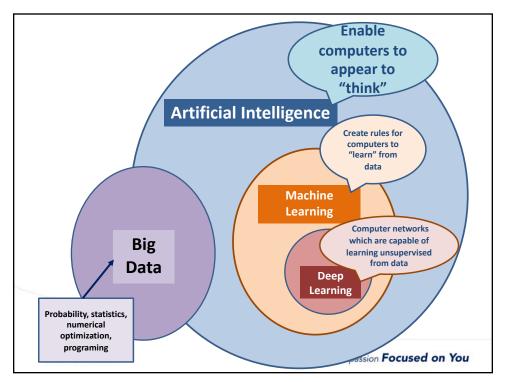
# **Artificial Intelligence**

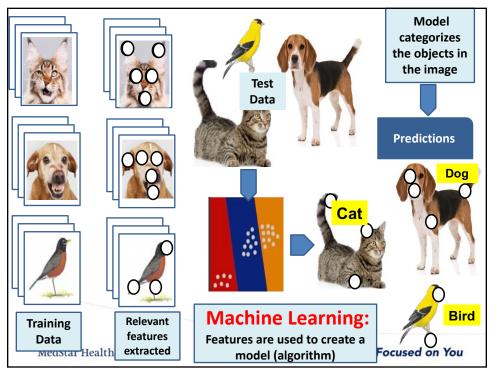


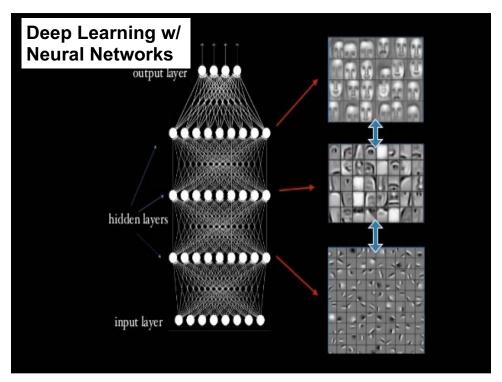
Provides computers with the ability to mimic human intelligence using logic, if-then rules, machine learning, deep learning

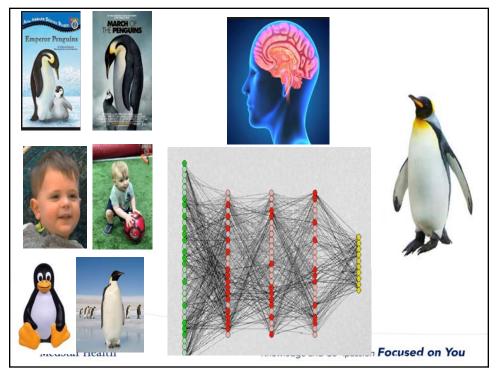
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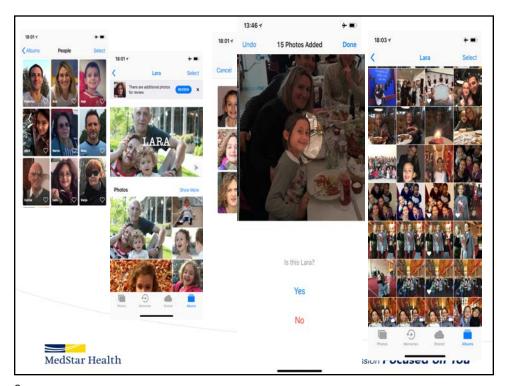
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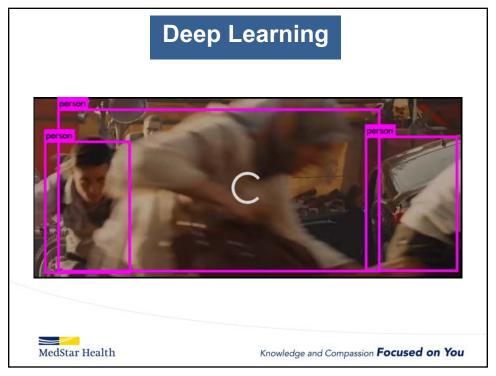


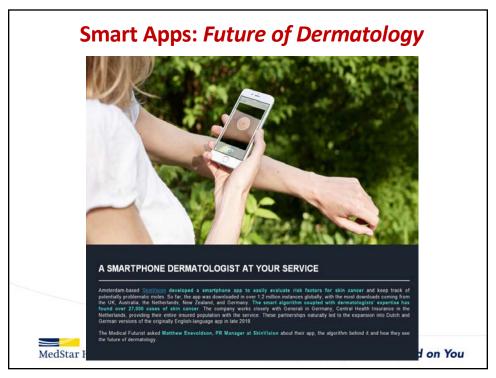


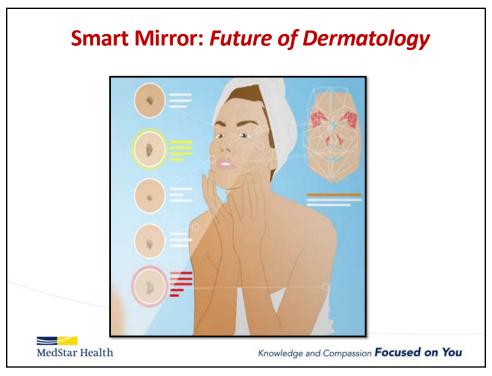


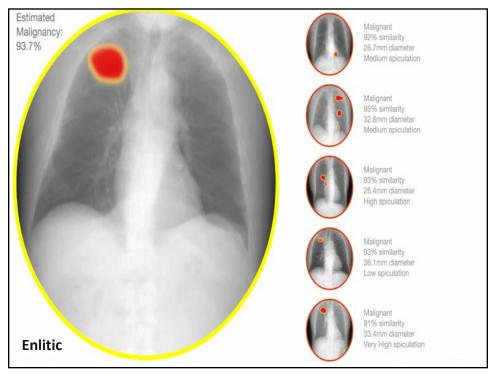


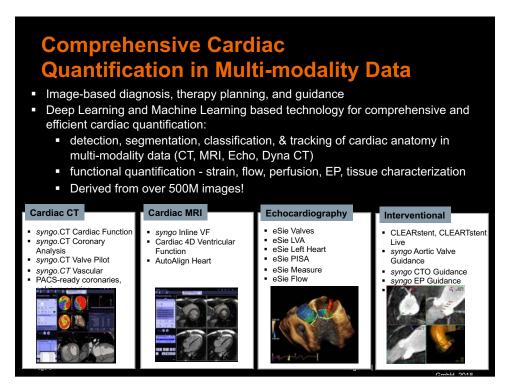


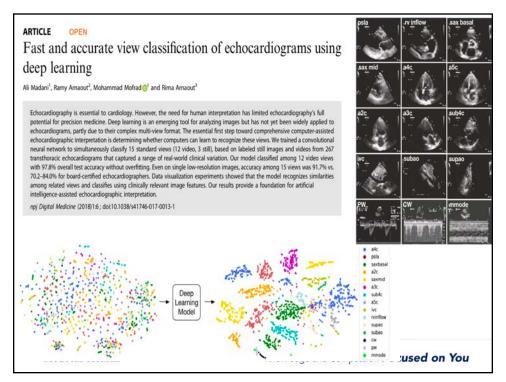


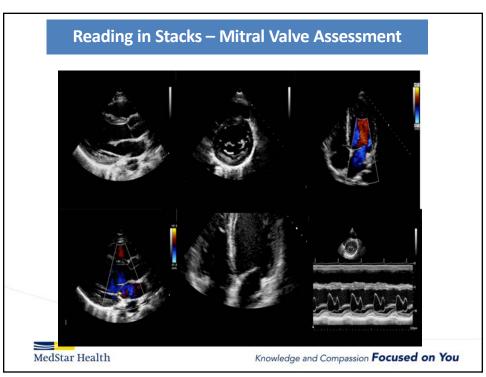


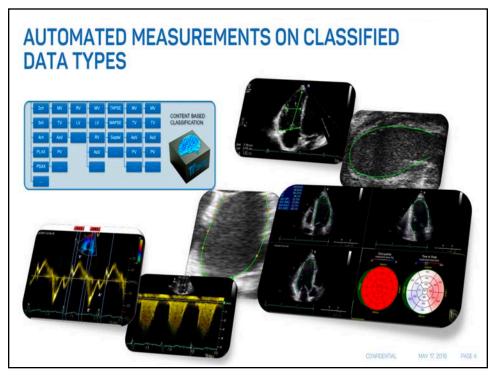


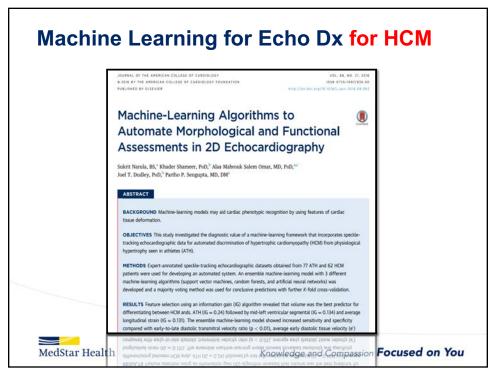


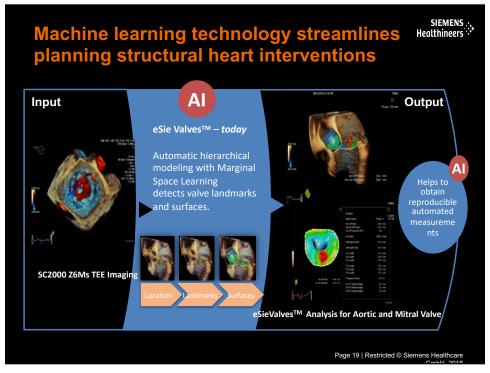












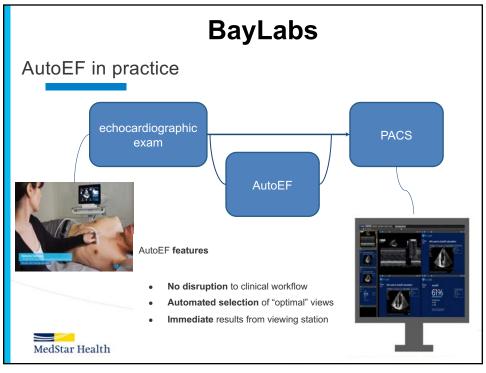
# Al in Already on Your Echo Machine

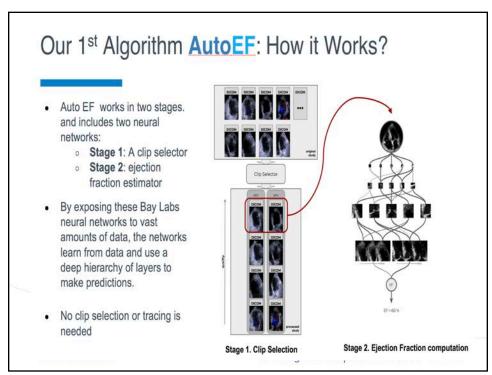
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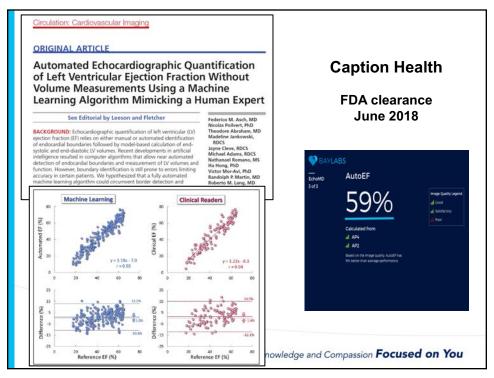
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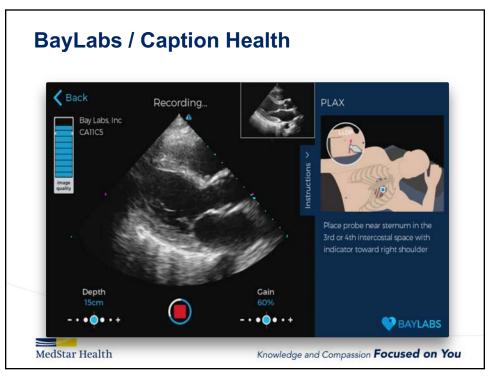
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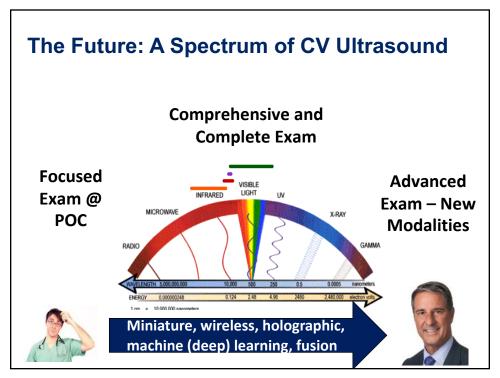




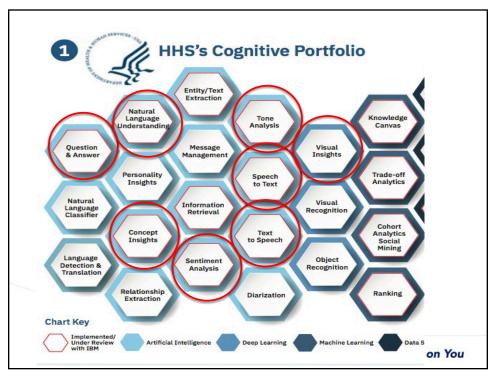




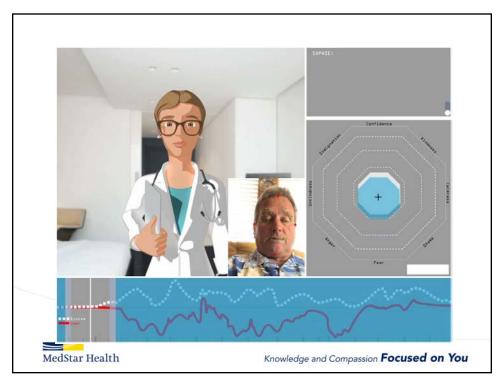




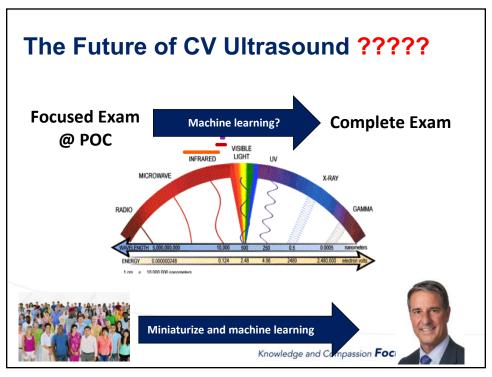












## **Today Al and Cardiac Imaging - Summary**

- Al and Machine Learning can be used to:
  - Facilitate image acquisition even in less experienced hands
  - Optimize efficiency and work flow
  - Minimize errors and interpretation variability
  - Standardize processes and reporting

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