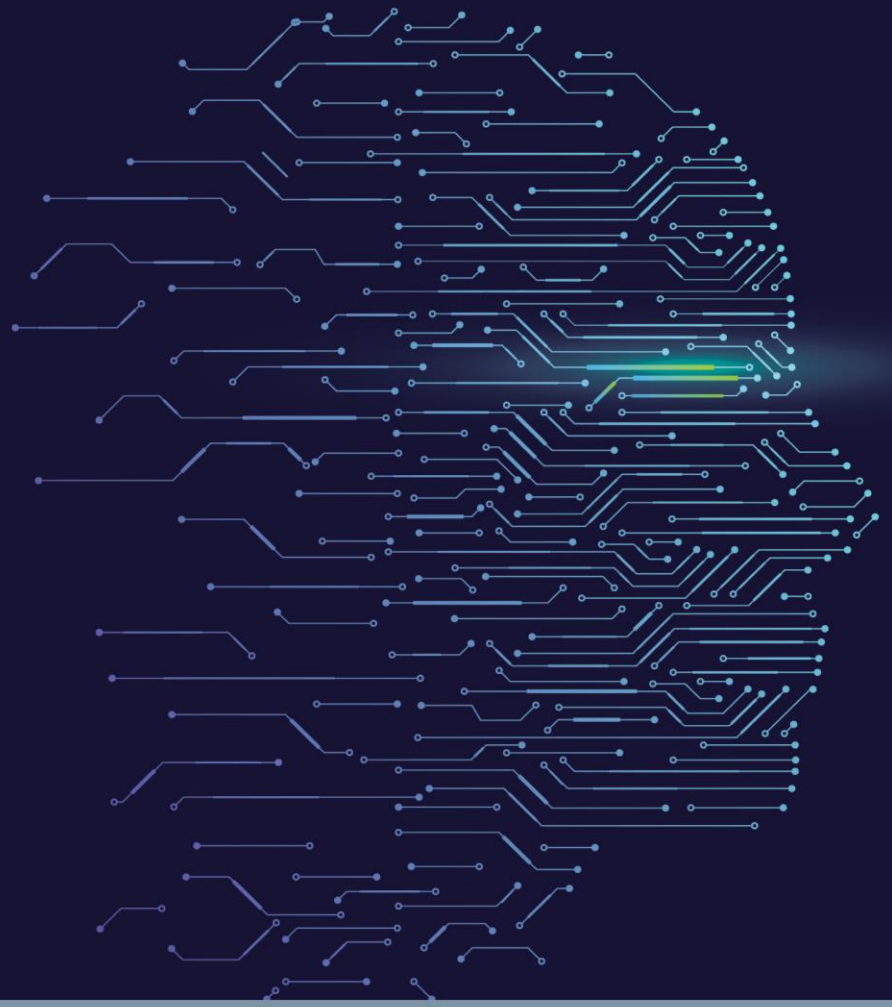
2019 IMAGING INFORMATICS SUMMIT



Optimizing the IT Supply Chain to Deploy AI in the Clinical Workflow

Tessa S. Cook, MD PhD

Penn Medicine

@asset25

ACR® American College of Radiology

WASHINGTON

Disclosures

ROLES

Board Member (SIIM, AUR, PRS)
Member, RSNA Radiology Informatics Committee
Member, ACR Informatics Commission
Director, National Imaging Informatics Course
Chair, Informatics Committee of ACR's Patient- and Family-Centered Care Commission
Fellowship Director, Imaging Informatics, Penn Radiology

GRANTS

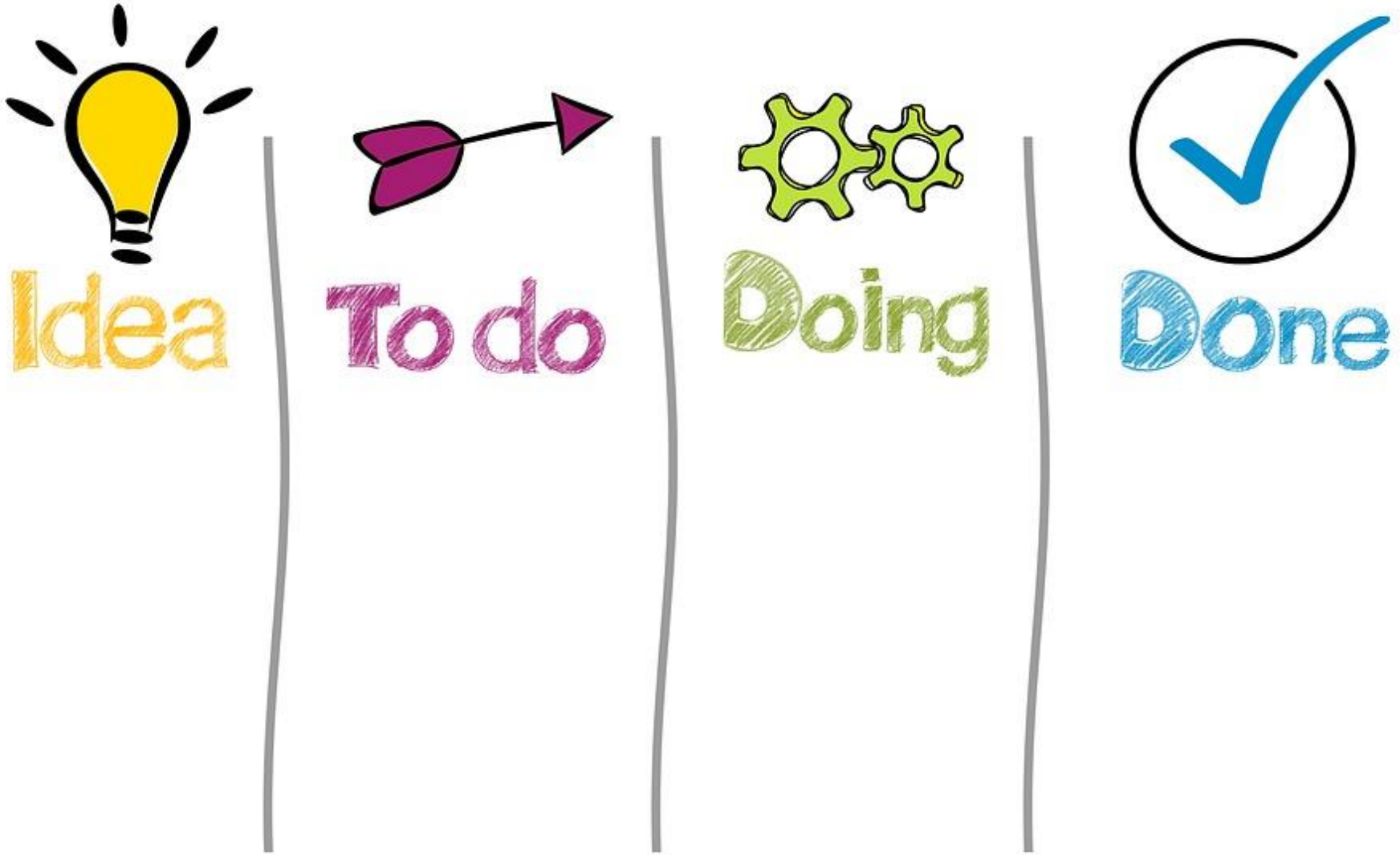
Society for Imaging Informatics in Medicine (2019)
ACR Innovation Grant (2019)
RSNA Education Development Grant (2019), Education Innovation Grant (2019)

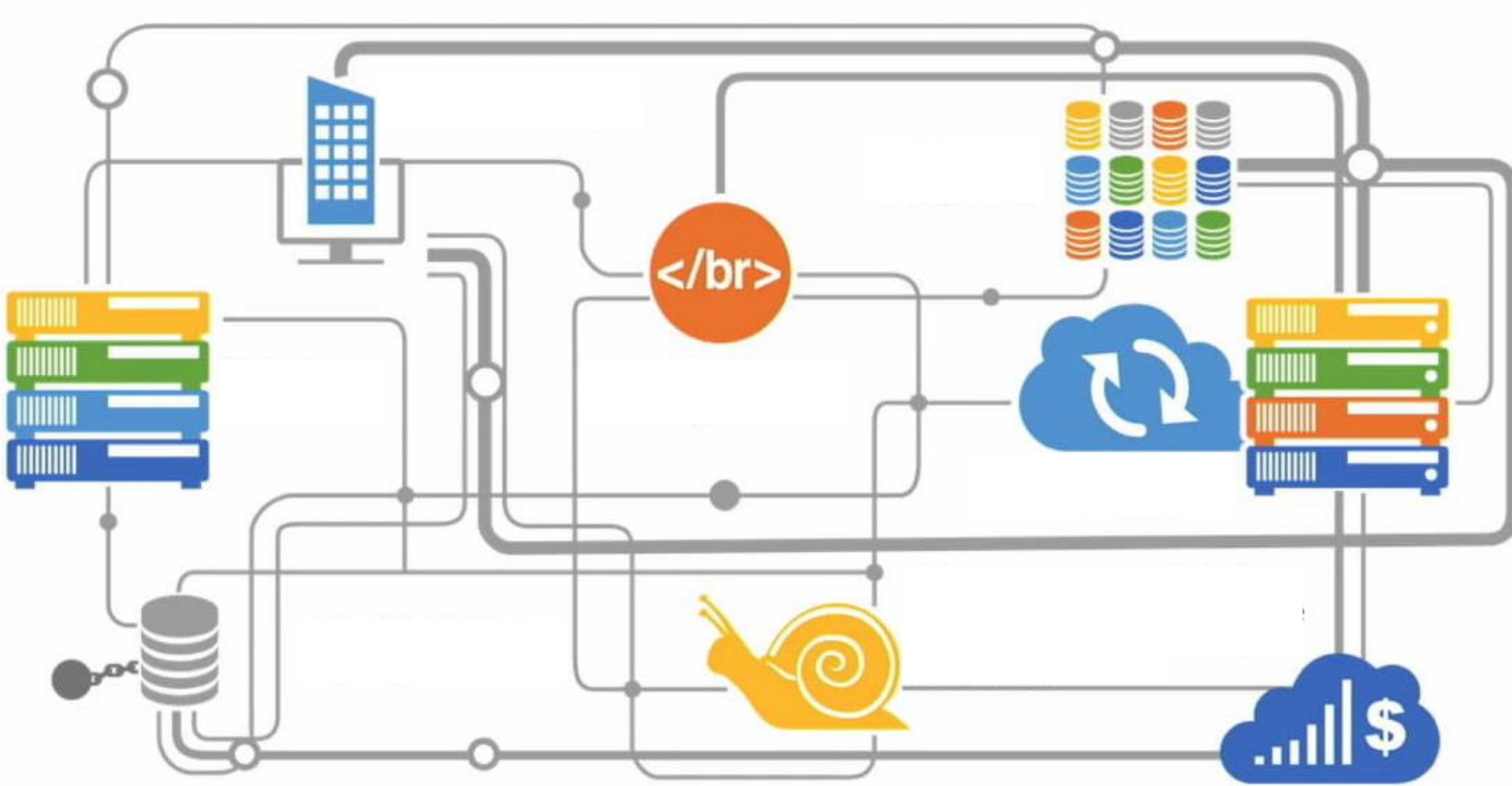
INDUSTRY AGREEMENTS

Departmental AI evaluation projects: Nuance Healthcare, TeraRecon, Siemens Healthineers

Royalties, Osler institute

Learning Objectives


Idea
To do
Doing
Done



https://vimeo.com/284207515

Deploying AI in the Clinical Workflow

- What AI tools do you need? Who decides?
- How do you evaluate the tools?
- Who are the stakeholders for AI purchasing decisions?
- What is the AI budget?
- Where do they live – on prem, in the cloud?
- How do you manage the PHI?
- How do you integrate these tools into the workflow? Which workflows?
- What do the radiologists do if they disagree with the AI? Do you track that? How?

Integrating AI into the radiology department – challenges faced by imaging informatics professionals (IIPs)

Sylvia Devlin, MS, RT(R)(M)(QM), CIIP
Charlene Thomaselli, MBA

Johns Hopkins Medicine

Managing the IT supply chain as it pertains to AI products

Roseann Spitznagel
Cleveland Clinic

Deploying AI into the clinical radiology workflow – Important considerations for radiologists and informaticists

Judy Wawira, MD
Emory Healthcare

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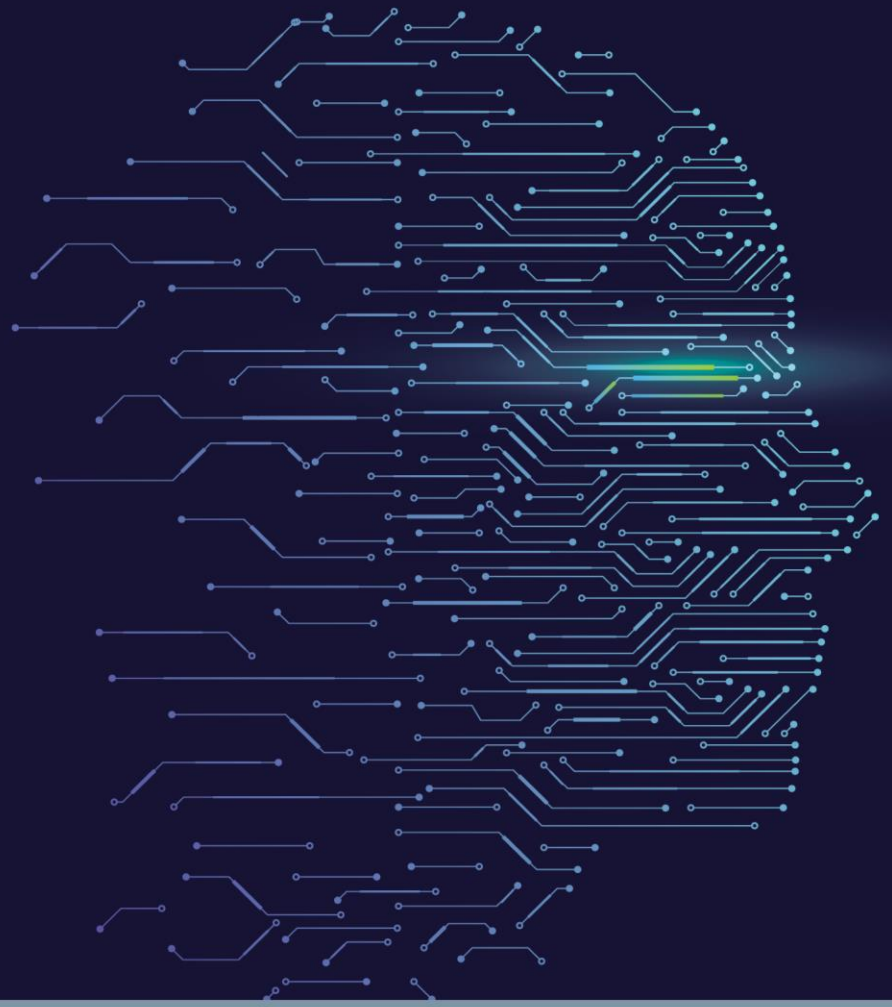

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