

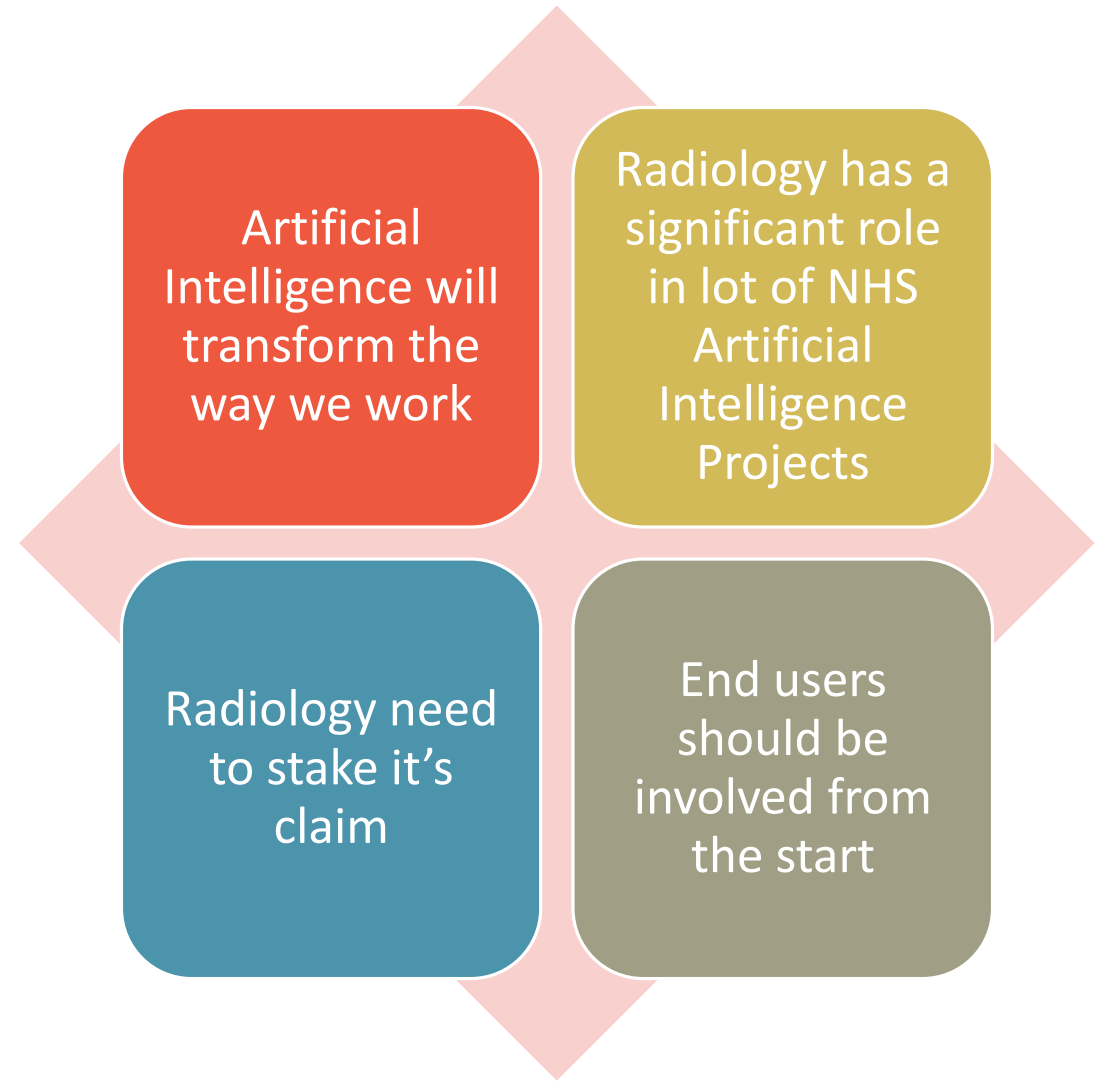


Clinical Artificial Intelligence

MARK HALL

GG&C

The ground truth



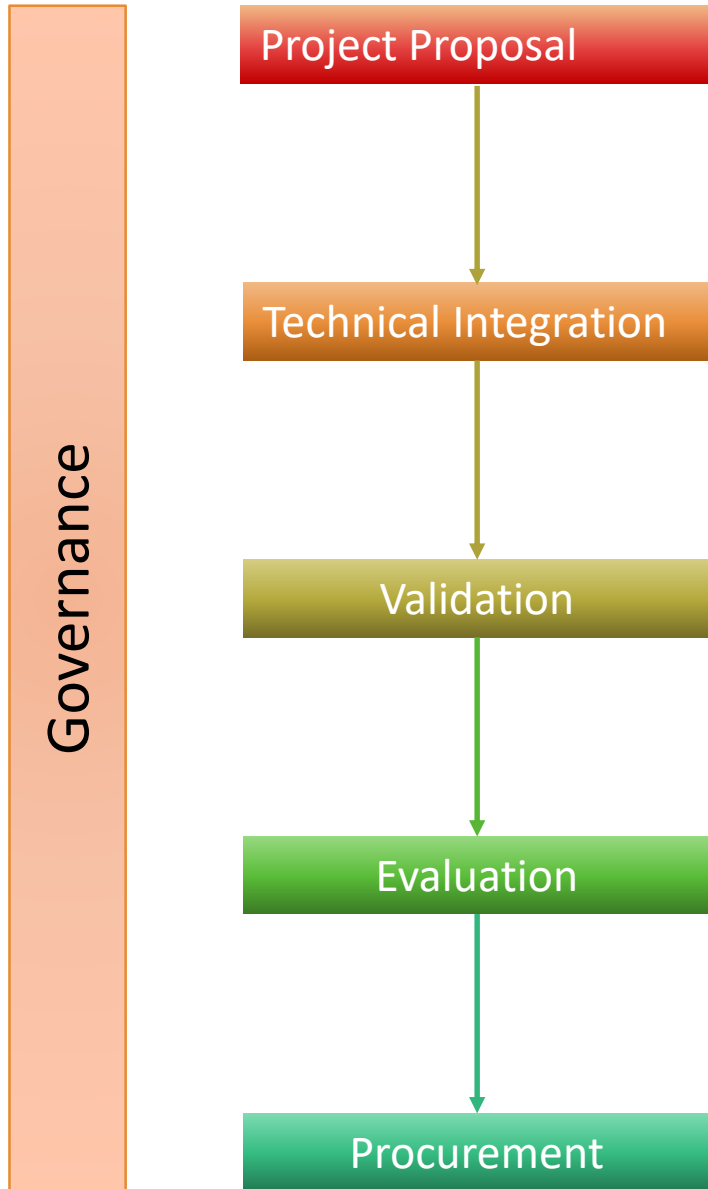
Our 2 approaches



AI TRANSFORMATION OF OUR
RADIOLOGY DEPARTMENT



SET UP A STANDARDISED
PATHWAY FOR AI



Set up an AI working Group

- Radiologists
- Management
- Innovation Project Managers
- IT/PACS support
- Radiology Trainees

Standardised Process

- Standardised Project SBAR Governance Form
- Validation Template
- Evaluation Template

Projects

28/04/2020	Lungprint	GG&C	Blackford
24/08/2020	Small Bowel Motility in Crohn's	GG&C	Motilent
06/07/2020	Cad4Covid	GG&C	Blackford
14/10/2020	Osteoporosis	GG&C/Israel	STORM/ZEBRA
01/12/2020	PE Detection	GG&C	AiDoc

AI transformation

Execute	Execute pilot projects to gain momentum
Build	Build an in house AI team
Training	Provide broad AI training
Strategy	Develop an AI strategy
Communicate	Develop internal and external communications

Broad AI Training

Recruiting consultant colleagues for AI validation

Assisting consultants lead they own AI project

Consultant EPAs for research

Trainee attached to each project

AI radiology trainee "studyship" January 2021 – January 2022

National AI Education Morning – 25th February 2021

Summary

The AI Transformation of Radiology as a speciality

Adopting a safe, standardised approach to artificial intelligence