

digitalhealth

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LONDON 14-15 MARCH 2023

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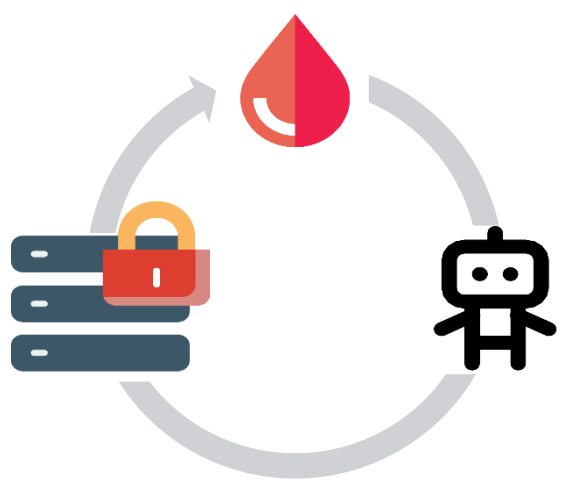
# Lauren Scanlon

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Lead Data Scientist,  
The Christie NHS Foundation Trust

# Predicting AKI (Acute Kidney Injury)

## The road from development to implementation

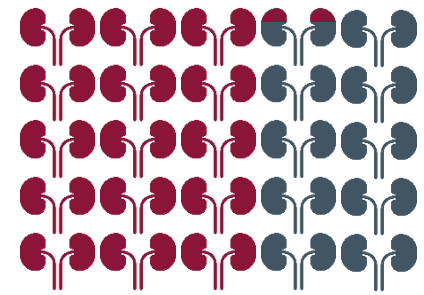


Developed and validated algorithm from routine blood tests at the Christie

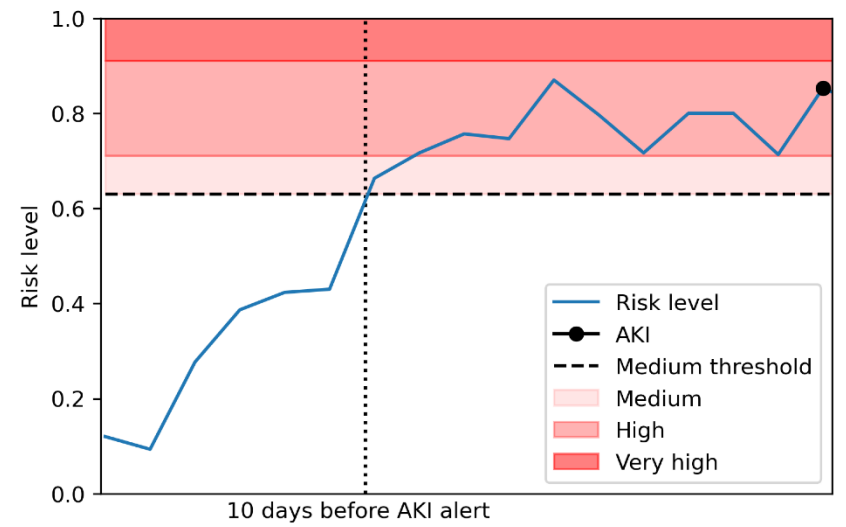
73.8% of patients with an AKI event



61.2% of AKI events identified before occurrence



Over validation period  
AUROC 0.881,  
Sensitivity 73.8%, Specificity 98.4%



Ongoing risk prediction from routine blood results



# Predicting AKI (Acute Kidney Injury)

## The road from development to implementation

# Thank you

Jorge Barriuso

Catherine O'Hara

Alex Garbett

Matthew Barker-Hewitt

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Katerina Pearson

Rohan Shottan

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