

**FGAI4H-R-039-A06**

Cambridge, 21-24 March 2023

**Source:** Makerere University

**Title:** Att.6 – Presentation - Challenges of development & deployment of AI in clinical settings

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**Contact:** Rose Nakasi E-mail: [g.nakasirose@gmail.com](mailto:g.nakasirose@gmail.com)

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**Abstract:** This PPT contains a presentation on Challenges of development & deployment of AI in clinical settings given in the workshop on 21 March 2023.



## Challenges of development & deployment of AI in clinical settings:-My experience

Meeting R

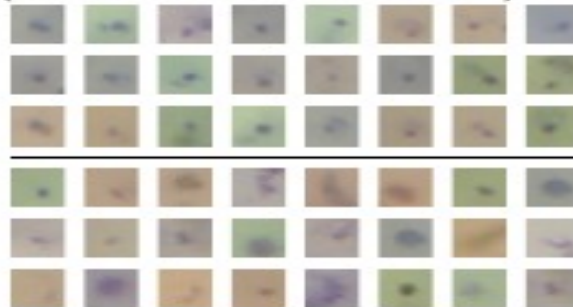
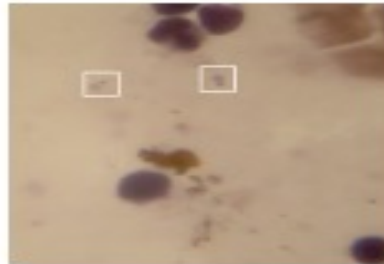
Rose Nakasi, PhD  
g.nakasirose@gmail.com  
Makerere University, Uganda

E-meeting, 21<sup>st</sup> – 24<sup>th</sup> March 2023

# Digital Microscopy of Malaria

## Setup

Positive patches (labelled as "Malaria") :



Photomicroscopy with smartphone:



# AI Development and deployment challenges

- Lack of enough datasets
  - Data shortages in Africa
- Lack of enabling government policies
  - Lack of a formidable policy on AI implementation strategies in Africa to prioritise the design and deployment of AI
- Un developed open discussions on the ethical implications of AI In health
  - Supports image analysis and has potential to improve the timeliness and accuracy
- Attitude of healthcare practioners
  - Sceptism in adopting and using new technology
- Insufficient infrastructure and poor yet expensive network connectivity
- Changes in technology