

Testing times: tiny test tubes for better diagnostic tests, outside the laboratory

Summary

We develop clinical diagnostic testing technology- such as miniature blood tests or for rapid antibiotic resistance detection. We are especially interested in moving diagnostics outside labs. Design, technology, development and adoption all vital.



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Key findings/learning/outcomes

- Co-developed testing technology and applications with various clinical and research partners
- Evaluated technology with clinical samples in Thailand
- E.g. dengue fever, AMR, febrile children, cardiovascular disease
- Built R&D network
- Many barriers to new technology delivery/rollout

Where?

South and SE Asia

Malaysia, Thailand, Vietnam, India

Project partners/funders

Various partners

Newton Fund

Internal GCRF

(+Wellcome Trust/Innovate UK/ EPSRC)