



lifelight™

Addressing challenges in non-invasive monitoring of vital signs

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The problem

- Patient monitoring is necessary but...
- Today's Monitoring requires
 - Labour-intensive checking or
 - Patient compliance
 - Cost of devices
- If no constant monitoring warranted
 - Fast and easy collection desired
 - Non-invasiveness

Lifelight vitals detection

- Computer vision, observes tiny changes in skin colour to detect vitals
 - Pulse, respiration, blood pressure
- Non-invasive solution
 - No special hardware required
 - Fully passive - no patient effort required
- National Early Warning Score (NEWS)
 - Risk of deterioration within 24 hours



Human Eye



Lifelight™

Challenges

- Associating vital signs to patient's medication
- Access to patient's records
- Data Privacy restrictions

Validation

- Currently validating accuracy of vital signs acquisition
- Potential as a healthcare solution
 - Easy monitoring at home
 - For older people
 - No need for special equipment or skills

Find out more

Visit www.xim.ai/lifelight

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