



KYMIRA

e-Textiles for health

## Where it began

Ada Byron 1842

Jacquard's automated punch cards

Full Circle

E-Textiles



# Why e-textiles?

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## Two main reasons

- Surface Area
- Barriers to ubiquitous adoption

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## Surface Area

- Smart Watch:  $14\text{cm}^2$
- Smart Garment:  $10,000\text{cm}^2$

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## Barriers to adoption

- Power
- Understanding
- Changes in behaviour



Impact

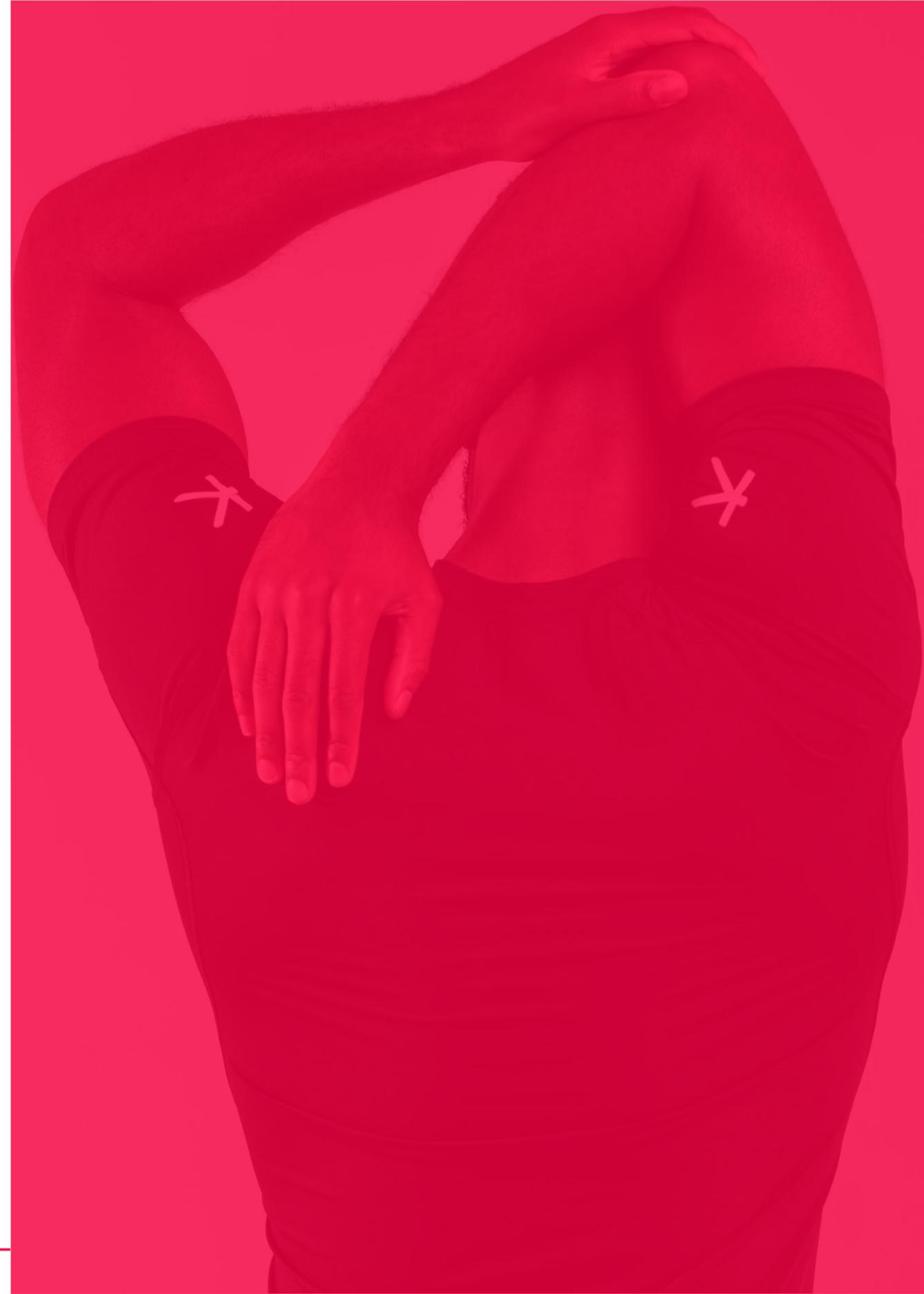


e-textiles hold the answer

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## Medical applications

- Digital Migrants
- Domestic healthcare
- Uncomplicated solutions



A grayscale world map showing the outlines of continents and countries. A semi-transparent gray rectangular box is centered over the map, containing the text "Real World Evidence".

Real World Evidence



Hugely more affordable

- Ongoing e-textiles research
- Commercialisation



# Sportswear and Medical with a passive infrared technology



## Who we work with:

We have a large network of research partners, collaborators and subcontractors.

University of Reading



University of Southampton



University of Surrey



European Thermodynamics



Lightricity



Dycotec

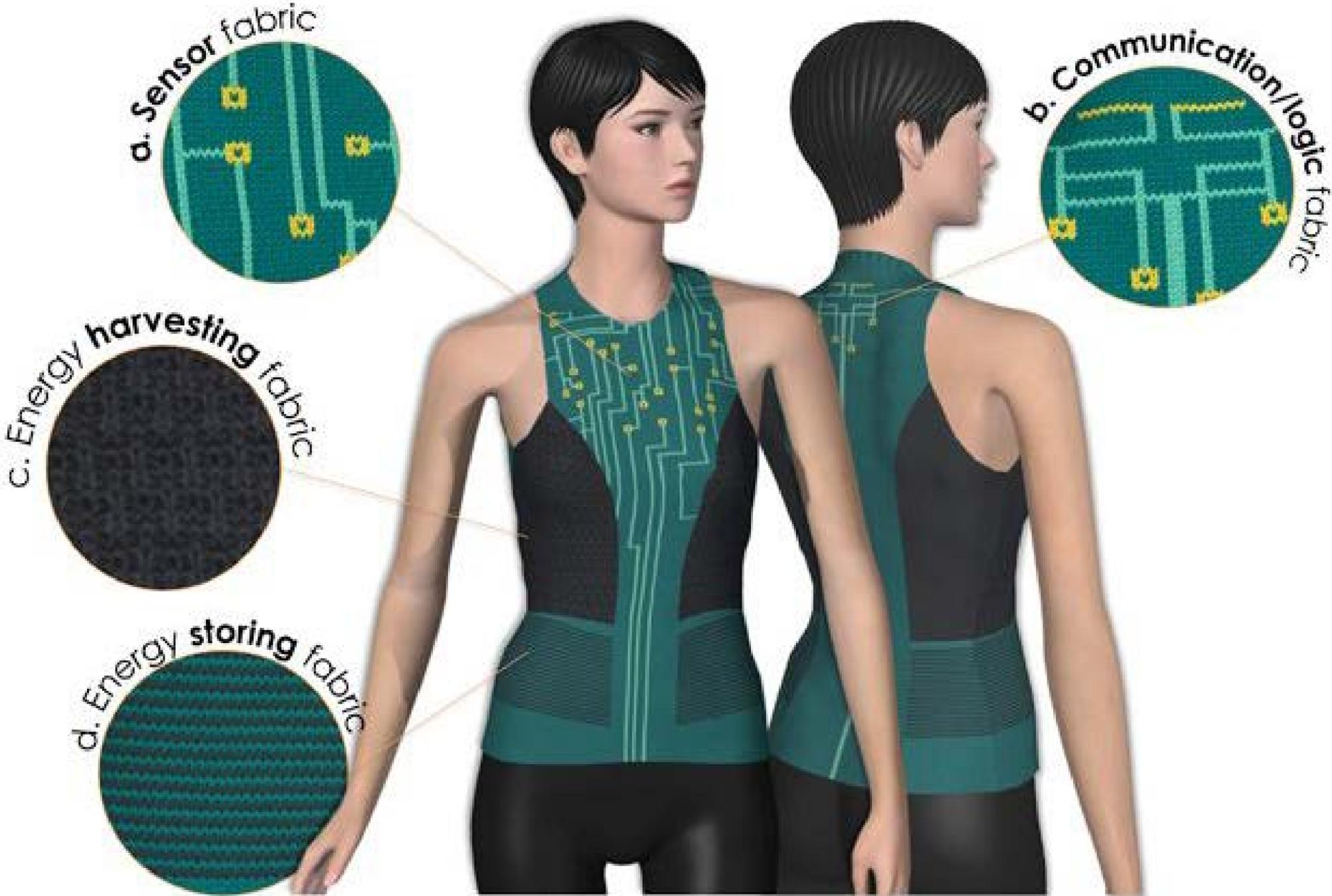


Guys & St Thomas' NHS



Imperial NHS

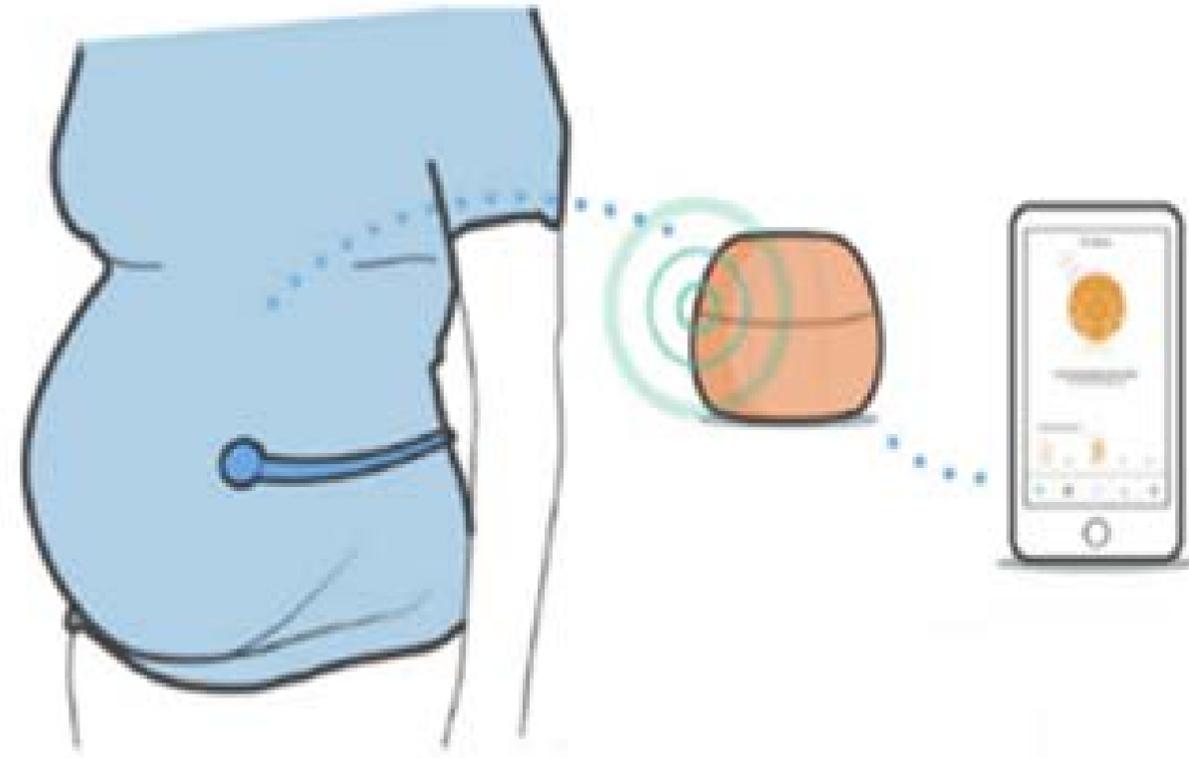
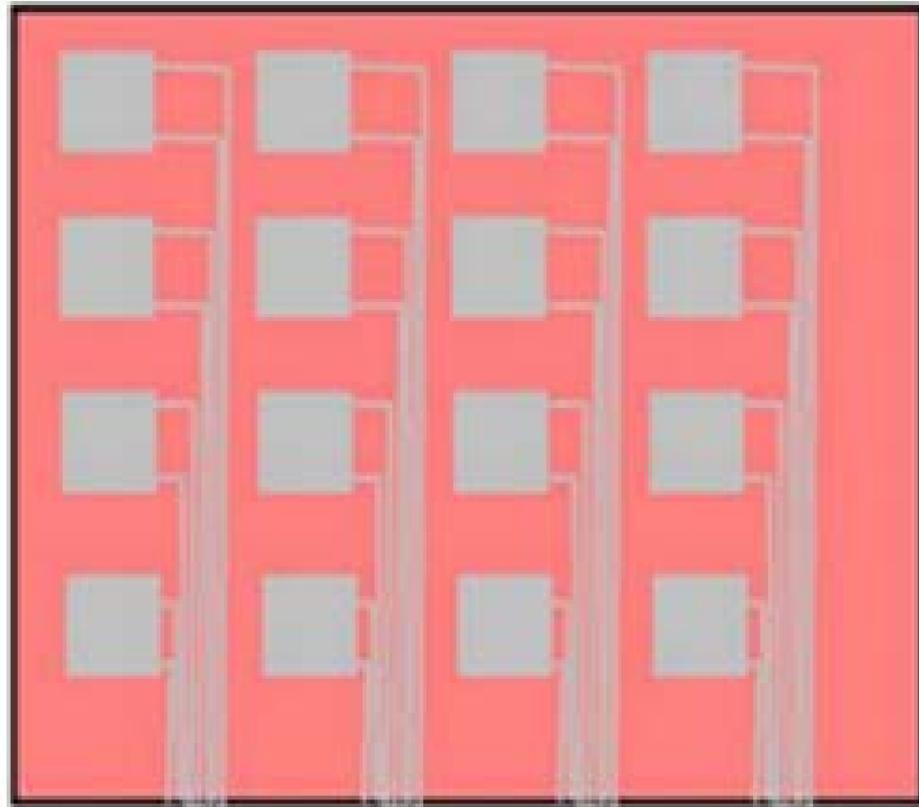




e-Textiles for health



Conductive fabric  
Piezoelectric Polymer  
Conductive fabric  
Fabric base



KYMIRA

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