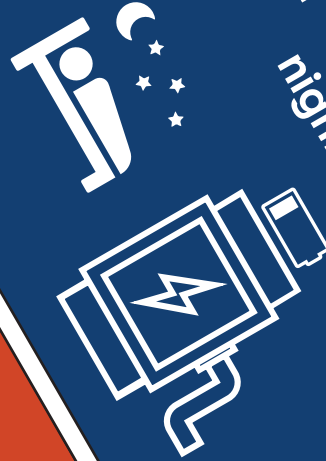


P24
patient

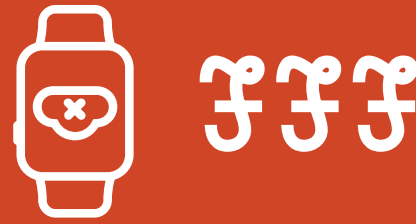
Carers, patients and their loved ones, are **poorly informed** about their health and only receive updates when it's **too late**...



Current solutions require patients or carers to **charge** the **device** and **don't monitor** at night.



Current commercial wearables track **limited** vital signs, or are **prohibitively expensive**.



Examples include: Embrace, Polar Zegarek... Empatica: Fitbit.

Zed Al-Aqqad
Ethan Benarroch
Simon Hanassab
Jonas Frieling
Peter Udvardi
Daniel Varga

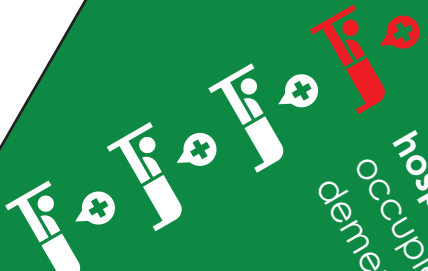
P24

Imperial College
London

In collaboration with

NHS

1 in 4¹ hospital beds occupied by dementia patients
20% are due to **easily preventable** infections such as UTIs.
Turn over for our solution ...



NHS Long Term Plan (2019). Technology helps carers
1 monitor the health of dementia patients in their homes.



1.1 million¹

Estimated people living with dementia in the UK by 2025.



£26 billion²

Current cost to the UK economy of dementia, this number will triple by 2040.



50%²

Unpaid dementia carers with limited expertise.

P24 uses **cutting edge technology** to help the UK's '2020 Challenge' in battling dementia.

1 NHS Long Term Plan. (2019). Technology helps clinicians monitor the health of dementia patients in their homes.

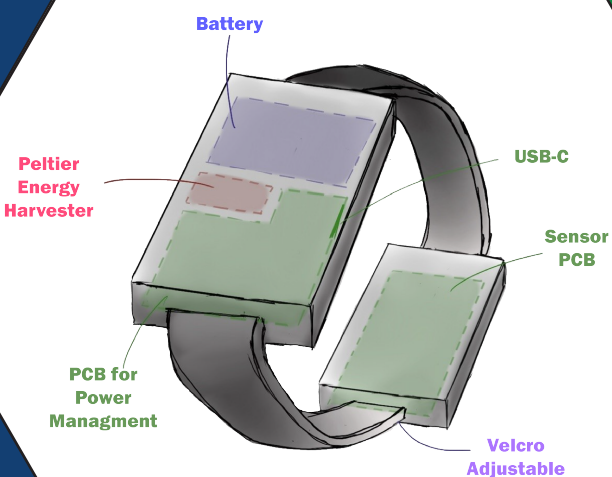
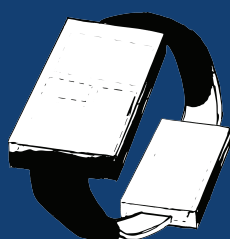
2 NHS UK (2019). NHS England - Dementia.

Remote patient monitoring



- allows patients to live at home
- frees up hospital beds
- enable early detection of health issues
- reduces the burden on carers
- provides peace of mind

Our **machine learning** powered **smartphone apps** allow patients to **track** their health and **alert GPs** and loved ones when **anomalies are detected**.



P24 is powered by **body heat**, eliminating the need for charging... first of its kind!



P24 is tracking with high accuracy:



Heart rate

Body temperature



Blood oxygen

Step count



P24 is a **non-invasive** and **simple-to-use** wristband that continually tracks vital signs **without need for intervention**.

