**PainChek**
Intelligent Pain Assessment

PERSON CENTRED SOFTWARE
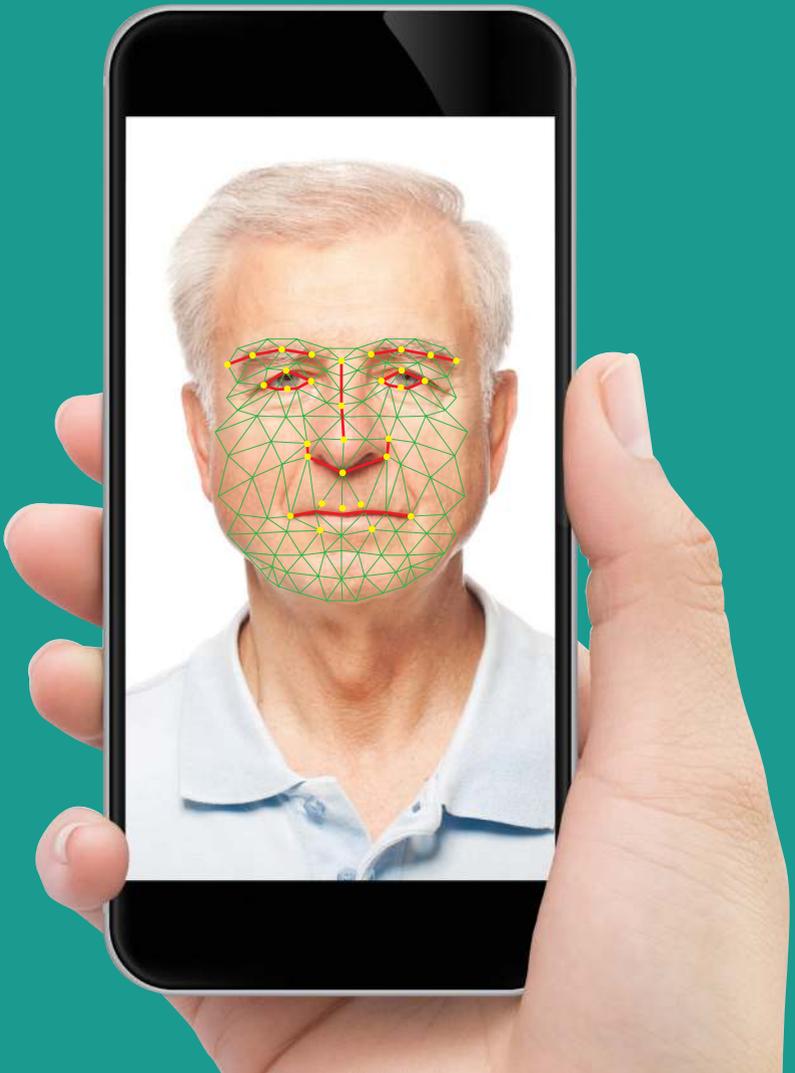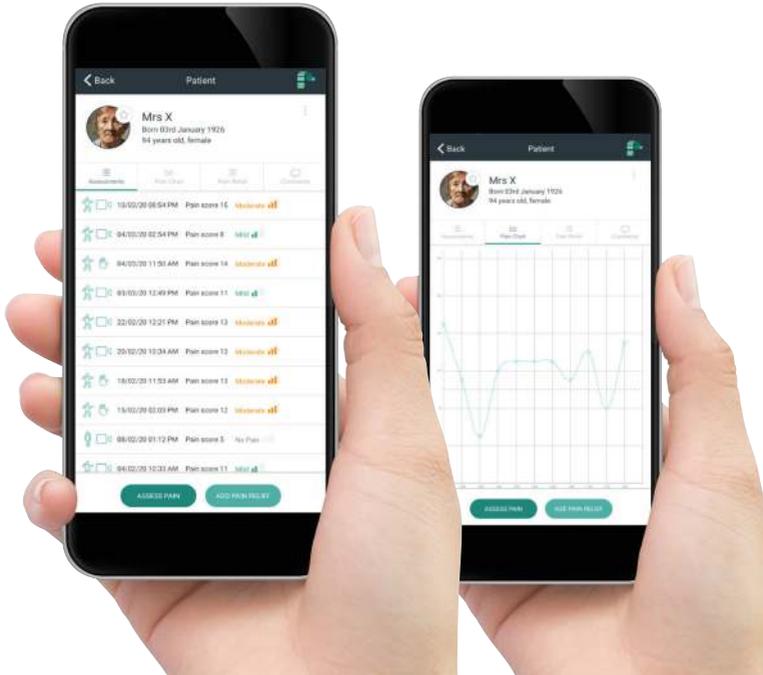MOBILE CARE MONITORING

# Transforming pain management

**using AI and smartphone technology to
give a voice to people who cannot verbalise pain.**

# What is PainChek®?

PainChek® gives a voice to people living with Dementia who can't verbalise their pain by using facial recognition to create fast, accurate pain scores.



**Mary lives with Dementia...**

She struggles to tell her carers when she is in pain and how severe the symptoms are.
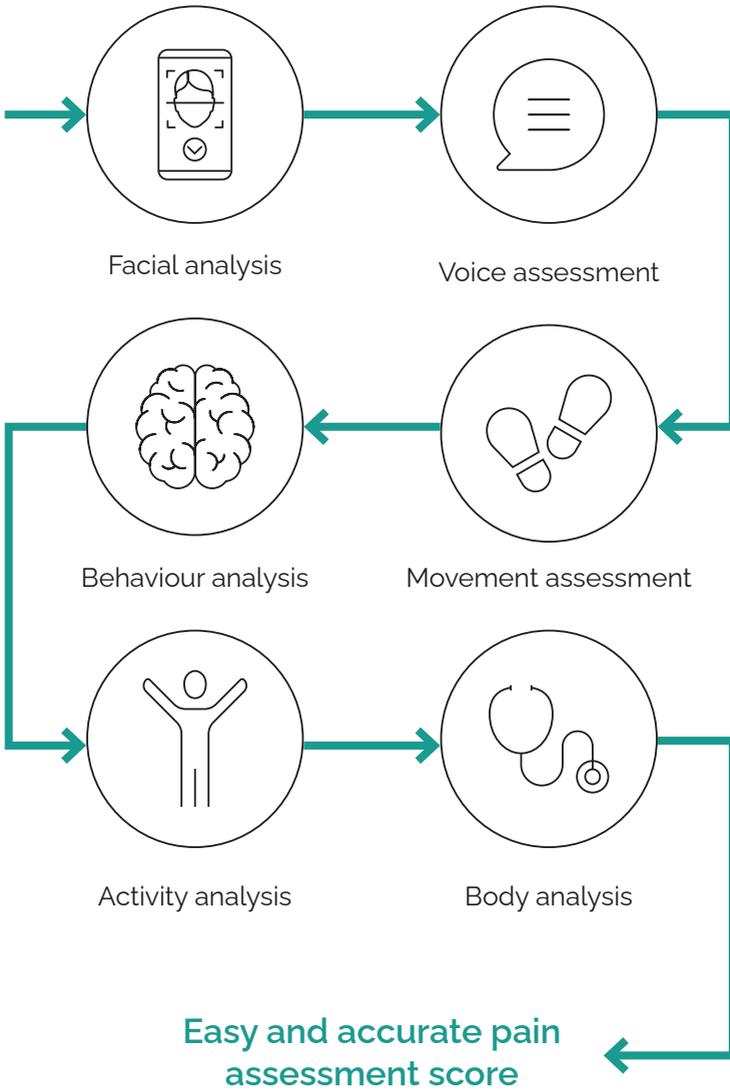
Luckily for Mary, her care home uses PainChek to allow them to quickly understand when Mary is in pain.

Her carers use PainChek's thorough assessment which assesses her behaviour, movement, voice, face, activity and body to form robust insights into her pain levels.

Over time, they are able to track and monitor her pain with accurate pain charts, meaning Mary receives the interventions she requires to make her most comfortable.

# How does it work?



Facial analysis

Voice assessment

Behaviour analysis

Movement assessment

Activity analysis

Body analysis

**Easy and accurate pain assessment score**

## What we're about

PainChek® is giving a voice to people who cannot verbalise their pain. 70% of people living within aged care in the UK live with some form of dementia. On top of this, 80% of the UK care home population live with chronic pain. The combination of these two factors creates a large population of people who are living with pain and may not be able to articulate their feelings. This is where PainChek® comes in.

The PainChek® App uses AI technology to identify facial expressions which are associated with pain; combined with other complementary assessment domains to produce a robust assessment score. PainChek's ability to manage pain means challenging behaviour is minimised, resulting in fewer residents being prescribed anti-psychotic medication.

By 2051 over 2 million people are expected to be living with dementia in the UK, many of whom will be living with chronic pain which often goes unnoticed.

## Ready to start the journey?

As a Person Centred Software customer, find out more about PainChek, by contacting us on:

email **hello@personcentredsoftware.com**
call **01483 357657**

PERSON
CENTRED
SOFTWARE
MOBILE CARE MONITORING