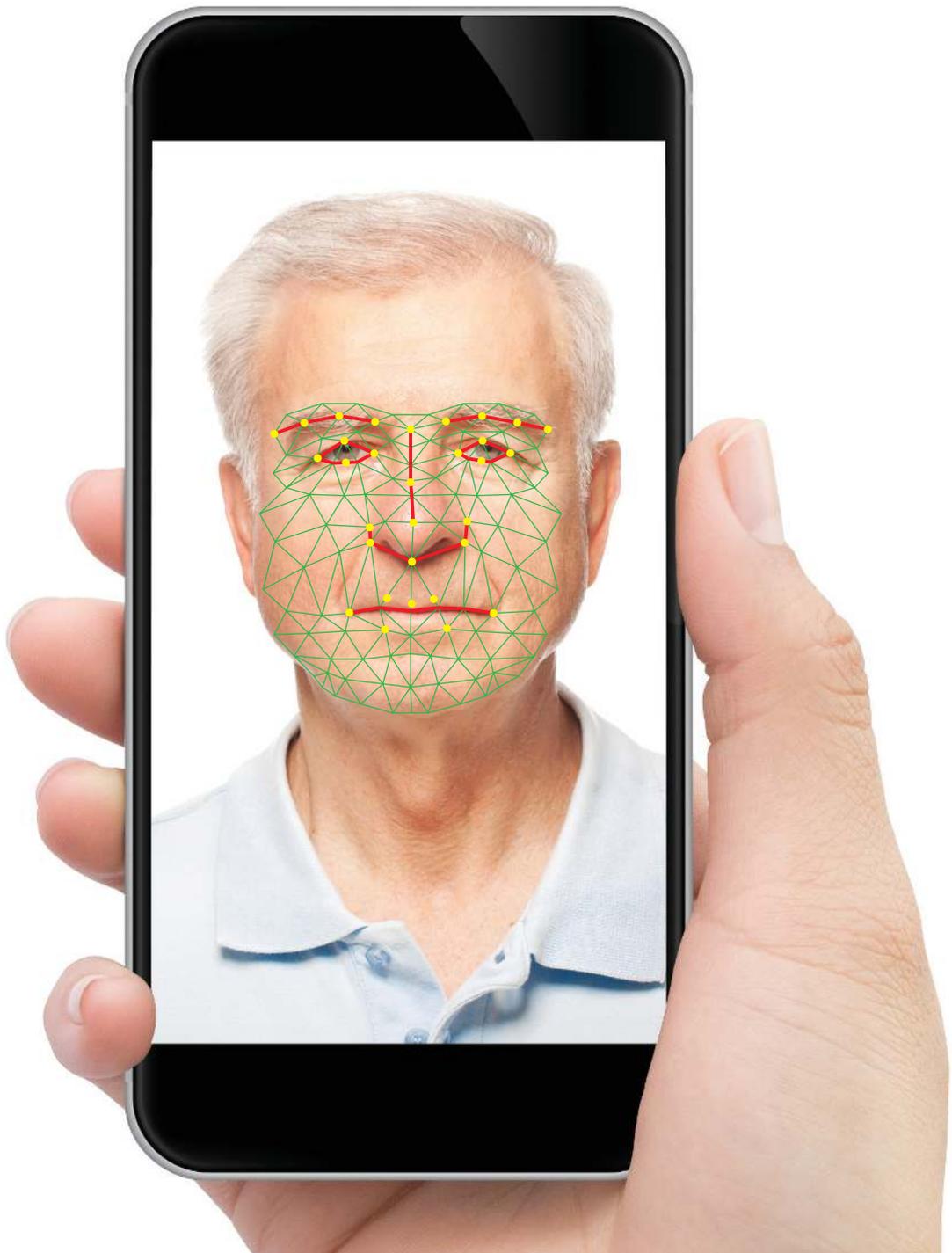


# Transforming pain management.



# Empowering all caregivers to accurately assess and manage pain.

Pain often goes unrecognised and under-treated in people with communication difficulties such as dementia. Although tools exist to assess pain, they are often subjective, manually based and subsequently under used by carers. PainChek® is a secure smart phone-based medical device that uses artificial intelligence to assess and score pain levels in real time and update medical records in the cloud.

## PainChek® – what it is and how it works.

PainChek® is a fast and simple to use solution. It uses the smart phone camera to record a short video of the person's face and analyses the images using facial recognition analytics. It automatically recognises facial muscle movements that indicate pain and takes note of them.

Next, the caregiver uses PainChek® to record their observations of pain related behaviours such as how the person is moving and vocalising pain that will complete the assessment. Finally, PainChek® calculates an overall pain score and stores the result allowing the caregiver to monitor the effect of medication and treatment over time.

PainChek® is a world-first pain assessment medical device – now with regulatory clearance in Australia and Europe<sup>1</sup>.

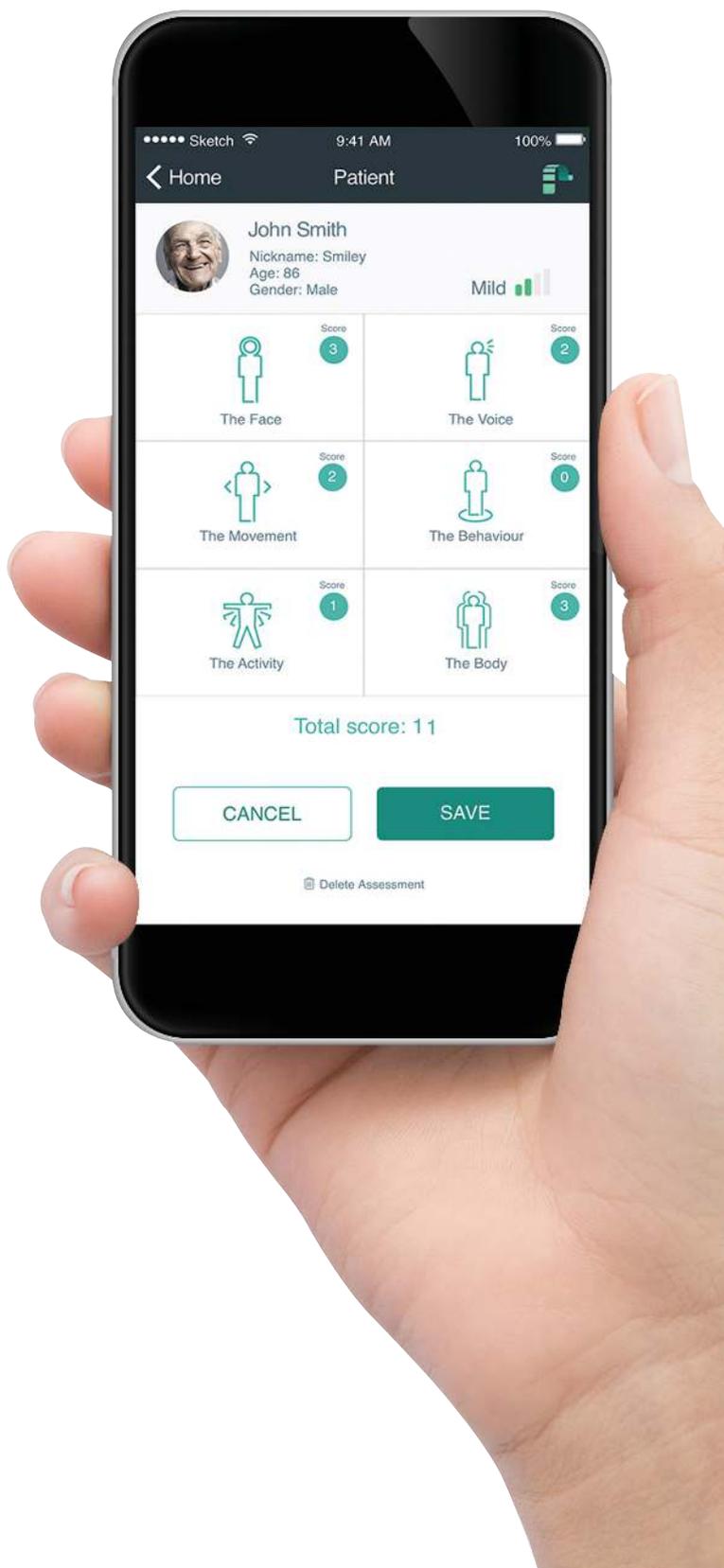
## PainChek® - summary of benefits:

1. **Automates** key assessment processes, saving time and reducing risk of error.
2. **Empowers** all caregivers to accurately assess and manage pain at the bedside and in the home environment.
3. **Documents** pain assessments for reporting, compliance and monitoring effectiveness of treatment.
4. **Supports** the healthcare providers to improve the quality of life for people in pain and provides a platform for optimising healthcare treatment costs.

## Australian Clinical Study Results in Residential Aged Care homes:

- PainChek® is a valid and reliable pain assessment tool for people with moderate to severe dementia, who can no longer self-report their pain
- It offers significant advantages over the current pain assessment methods.<sup>2</sup>

- 1 PainChek® has received the CE Mark and TGA clearance as a Class 1 Medical Device.
- 2 Mustafa Atee, *et al.* Pain Assessment in Dementia: Evaluation of a Point-of-Care Technological Solution. *Journal of Alzheimer's Disease* 60 (2017) 137-150.



For more information, go online [www.painchek.com](http://www.painchek.com)