

The Universal Pain Assessment Solution enabling best-practice pain management



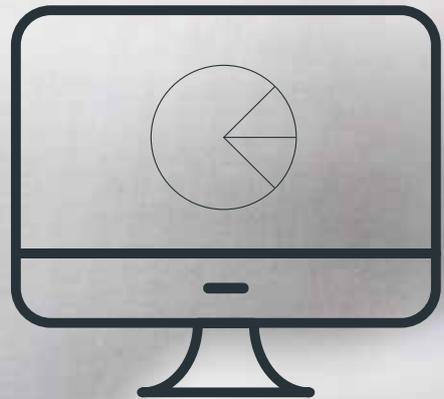
PainChek®
App



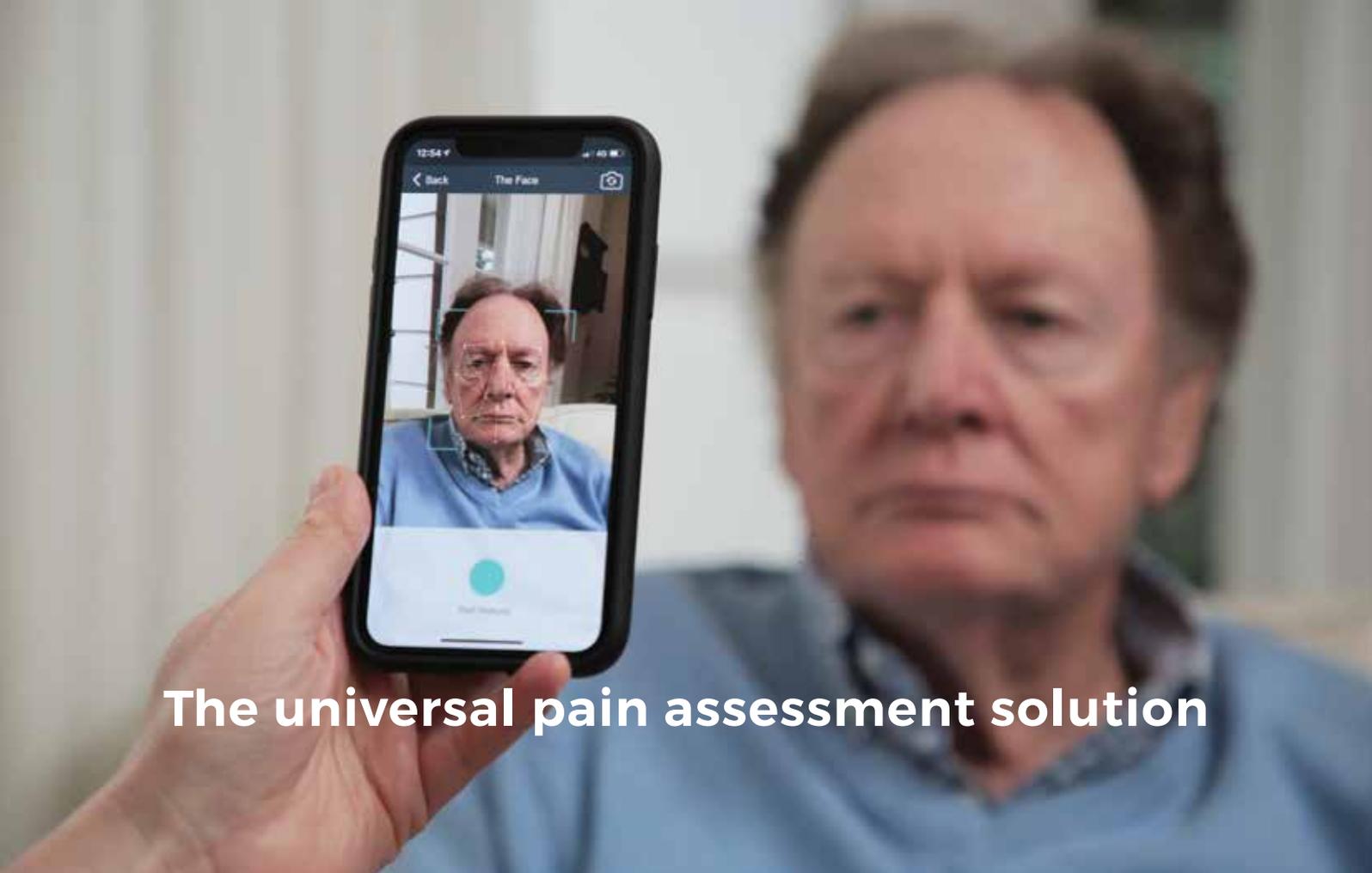
Numerical
Rating Scale



PainChek® Analytics



Enabling best-practice
pain management



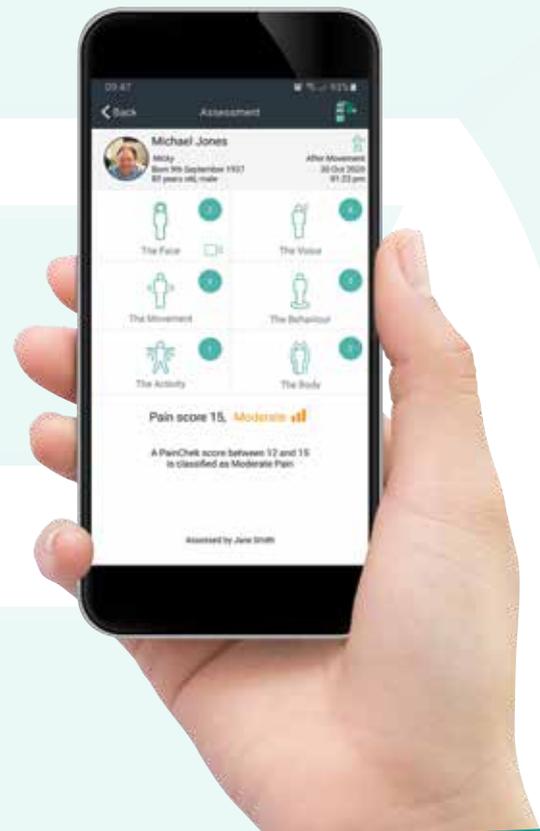
The universal pain assessment solution

PainChek® - giving a voice to those who cannot reliably verbalise their pain.

PainChek® is seeking to create the new standard for pain assessment - providing a voice for those who cannot verbalise their pain. PainChek® has become the established standard of care within Care Homes, helping carers to accurately and rapidly assess pain intensity levels at the point of care, for those residents living with dementia or cognitive impairment.

The PainChek® assessment framework includes the use of artificial intelligence to automatically assess the micro-facial features of pain for Care Home residents, driving objectivity and consistency in all assessments.

PainChek® Universal is a medical device and has regulatory clearance in New Zealand, Australia, UK, European Union, Canada and Singapore.





Numeric Rating Scale (NRS) - documenting the pain scores of those who can self-report.

Across all Care Home facilities, many residents are able to reliably self-report their pain. The Numerical Rating Scale (NRS) is an established standard used to document self-reported pain levels.

PainChek® and NRS are available together, combining two pain scales into one efficient universal pain assessment solution - simplifying and streamlining pain assessment procedures.



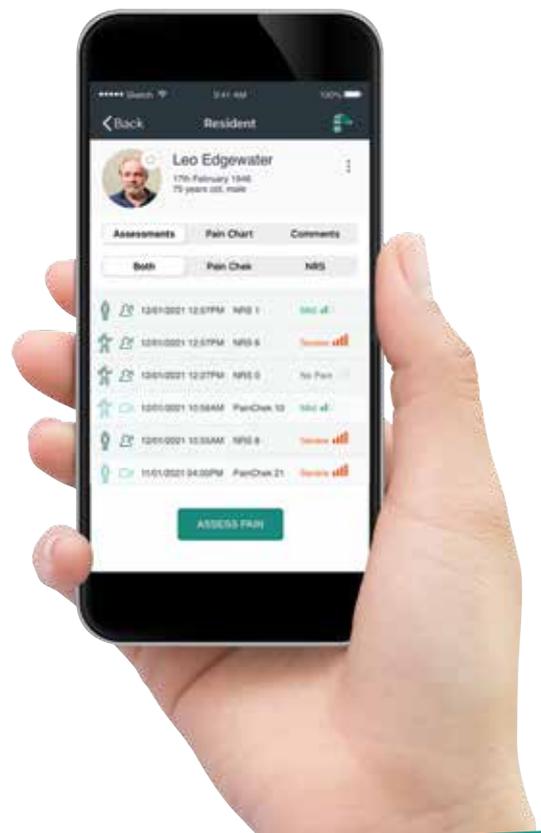


Providing the right pain assessment solution for those whose ability to communicate fluctuates.

There are times when a Care Home resident's ability to reliably communicate the intensity of their pain will fluctuate, with causes ranging from acute delirium brought on by a urinary tract infection, to the impacts of psychotropic medications.

In these, and other scenarios, residents may require access to both PainChek® and NRS over the course of a day, or even an hour.

PainChek® is the universal pain assessment solution, capturing pain scores for all residents regardless of their condition or ability to communicate their pain. Pain scores which are documented in real time, are seamlessly sent to your CMS and PainChek® Analytics within seconds of completion at the point of care. Through this, PainChek® ensures accurate pain assessment and enables best-practice pain management regardless of the situation.





PainChek® Analytics supporting best-practice pain management

PainChek® Universal generates significant data on pain assessment outcomes and activity at individual, facility and group levels. This data is presented through tailored dashboards to inform and empower clinicians as they make crucial

medical decisions on pain management. This unique and powerful dataset is created and reported through PainChek® Analytics and is available online through the PainChek® Portal for all PainChek® clients.





Independent evaluation of PainChek® in Australian aged care facilities reports positive clinical outcomes

In 2019, the Australian Department of Health provided a \$5M grant to support the national roll-out of PainChek®. To date, 60% of the total industry has signed up to use PainChek®'s pain assessment technology, including providers in regional and metropolitan areas – and PainChek® is now the most common clinical software in the residential aged care industry.

An independent review has been conducted to evaluate the efficacy of PainChek® to improve the diagnosis and management of pain, quality of life, and/or health outcomes in people living with dementia in residential aged care. The findings were highly positive, with the national trial resulting in significant progress being made within the sector.



Non-medication related interventions have also been initiated to manage pain in response to PainChek® assessments.

Staff at a RACF (Residential Aged Care Facility) report the objectivity of PainChek® as a useful means to better assess and quantify resident's pain levels. For example, it was reported that a resident with severe dementia had a PainChek® assessment carried out which showed low levels of pain. Instead of using PRN medications to manage the resident's pain, which often cause the resident to be drowsy, staff used a heat pack. It was reported that this was effective and more beneficial to the resident's quality of life given this approach did not cause drowsiness. This experience has prompted a revised treatment pathway for this resident, whereby if the resident shows signs of agitated behaviour, staff assess for pain using PainChek® in order to quantify pain levels and therefore use the most appropriate intervention.

PainChek® has prompted a renewed focus on assessing pain across aged care facilities.

A resident had a long history of complaining of generalised pain, accompanied by challenging behaviour. Historically staff had believed the pain to be psychosomatic and no treatment was provided to address or manage the resident's concerns. Following the implementation of PainChek® and a renewed focus on pain assessment and management, a PainChek® assessment was undertaken which showed moderate levels of pain. Staff responded by providing PRN analgesia which was effective in managing the resident's pain and behaviour, with staff reporting that the resident was much less stressed and agitated.

PainChek® was shown to instigate a reduction in the use of psychotropic medication through identifying pain as a cause of challenging behaviour.

A resident arrived to the facility following a hospital admission as a result of an injury. The resident exhibited agitated and aggressive behaviour, whereby facility staff felt that the resident was a risk to other residents.

The resident did not have a pain management program upon arrival to the facility. Due to the behaviours shown, a PainChek® assessment was undertaken. The assessment highlighted that the resident was experiencing severe pain.

Staff discussed this finding with the resident's GP who initially increased the resident's psychotropic medication dose, as well as prescribing some analgesia. This resulted in the resident becoming extremely drowsy. The GP subsequently removed the analgesia, however, this resulted in the resident's agitated behaviours returning. The GP then removed the psychotropic medication and focused on managing the resident's pain. Staff reported that the resident was a "*different person*", with a severe reduction in agitation.

The PainChek® Universal pain assessment solution enabling best practice pain management

The Universal pain assessment solution combines both the PainChek® and NRS pain scales, along with PainChek® Analytics. This combination enables best-practice pain management for all residents, patients and people living with pain in any environment. It improves clinical processes through a fully digital product, training and documentation system.

Benefits include:

- A complete point of care pain assessment solution.
- Automated documentation - time saving for staff with no duplication of effort, double handling or paperwork.
- Fully digitised delivery, training and storage, with CMS integration across leading providers.
- PainChek® Analytics - monitoring and improving assessment practices and pain outcomes.

PainChek® is now widely used across the globe, with PainChek® users completing hundreds of thousands of assessments a year.

Call **0800 425 513** or go online and visit <https://www.painchek.com/nz/>