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## **MORRISON GOVERNMENT \$5M GRANT FOR PAINCHEK TRIAL IN AGED CARE**

PainChek Ltd (ASX:PCK) has welcomed the announcement that the Morrison Government will invest \$5M to facilitate the implementation of the company's pain recognition app in Australian residential aged care centres (RAC's). A copy of the Government's media release is attached.

PainChek® is the world's first smart phone pain assessment and monitoring device. The app automatically detects pain via artificial intelligence and facial recognition technology. Research shows it is already driving better quality aged care and improved pain management in residential settings around Australia.

The announcement was made in Perth today by the Minister for Senior Australians and Aged Care Ken Wyatt AM at Regents Garden Aged Care. The funding makes provision for a universal PainChek® access license for the more than 1,000 Residential Aged Care Providers in Australia and their 100,000 residents living with dementia for a one year period. The contract is in the process of being finalized.

PainChek CEO Philip Daffas commended the Federal Government and the Hon Ken Wyatt AM for showing genuine vision and a strong commitment to improving the care of non-verbal Australians who are in residential care.

"This investment is set to trigger widespread and long-term use of the PainChek® app. From a business perspective we have been focused on how best to facilitate national uptake. We have been making good progress by approaching aged care providers individually but this takes the implementation to a whole new level in double-quick time," said Daffas.

"The feedback is very positive from the residential aged care centres that are already using PainChek®. So facilitating uptake is going to provide equality of access to all service providers and their residents living with dementia. We are well positioned to roll out PainChek rapidly through a range of training programmes and partners including on-line training capabilities and we will be working hard to implement PainChek® as quickly as possible across nominated trial aged care homes"

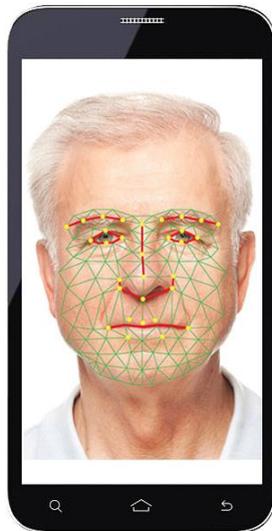
"This program will help refine how the app gets integrated into every day clinical care in the aged residential setting. PainChek® is a uniquely Australian invention being progressed by an Australian leader in digital health innovation. The app effectively gives a voice to people who cannot verbalise their pain and we look forward to working with the government to expand our efforts to do just that," said Daffas.

Chief Scientific Officer at PainChek, Professor Jeff Hughes said he was delighted that the government support was focused in the aged care setting. There are more than 220,000 residents in aged care within Australia of which around 50% are living with dementia. Undiagnosed or poorly diagnosed pain is a huge issue among that group.

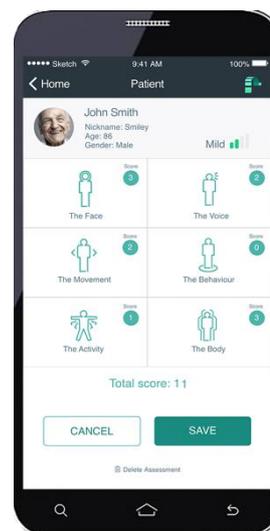
“This government funding is consistent with our extensive clinical study work which demonstrates the effectiveness and reliability of PainChek in identifying pain. The bulk of this work was conducted on people living with moderate to severe dementia,” said Professor Hughes.

**The PainChek® Technology:**

PainChek® uses cameras in smartphones and tablets to capture a brief video of the person, which is analysed in real time using facial recognition software to detect the presence of facial micro- expressions that are indicative of the presence of pain.



*PainChek® artificial intelligence assesses facial micro-expressions that are indicative of the presence of pain*



*PainChek® six domains of pain assessment that calculates pain severity score*

This data is then combined with other indicators of pain, such as vocalisations, behaviours and movements captured to calculate a pain severity score. Due to its speed, ease of use and its reproducibility, PainChek® will be able to be used to detect and measure a person’s pain, and then further measurements can be used to monitor the effectiveness of pain management.

PainChek® is being rolled out globally in two phases: first, PainChek® which is designed for adults who are unable to effectively verbalise their pain such as people with dementia, and second, PainChek® for Children who have not yet learnt to speak.

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## **The Hon Ken Wyatt AM, MP**

**Minister for Senior Australians and Aged Care  
Minister for Indigenous Health  
Member for Hasluck**

### **MEDIA RELEASE**

29 April 2019

#### **\$5 MILLION FOR AUSTRALIAN INNOVATION TO REDUCE DEMENTIA PAIN**

A national trial of world-first artificial intelligence technology promises to reduce the pain suffered by people living with dementia, thanks to a \$5 million grant from the Morrison Government.

“This is Australian innovation to help some of our most vulnerable Australians,” said Minister for Senior Australians and Aged Care Ken Wyatt AM.

“Accurately identifying the pain felt by people who have communication challenges can be difficult and with more than 50 per cent of residents in aged care homes living with dementia, there is a widespread risk of under-treated pain.”

The PainChek® app provides caregivers and health professionals with an efficient, smartphone-based system that applies artificial intelligence to determine a person’s pain using facial recognition analytics.

PainChek® CEO Philip Daffas said the Morrison Government funding would allow broader application of the app, to strengthen analysis of its effectiveness.

“This is welcome, given the significant benefits being reported at the dozens of residential aged care centres that already use PainChek®,” Mr Daffas said.

“It will provide equality of access to all residential aged care homes and their residents living with dementia and fits with our extensive clinical studies which have been conducted on people living with moderate to severe dementia.

“This will help refine how the app can be integrated into everyday clinical care, where PainChek® effectively gives a voice to people who cannot verbalise their pain.”

Unidentified pain can contribute to behavioural and psychological symptoms and incorrect prescription of antipsychotic medication.

“Better pain identification and better medication management means a better quality of life for people receiving aged care,” said Minister Wyatt.

“This trial will complement the reforms already announced by the Morrison Government to improve medication management and provide a record boost to dementia prevention, treatment and support.

“Under the Medical Research Future Fund, our Government is providing \$185 million over the

next decade to establish a Dementia, Ageing and Aged Care Mission, building on our five-year, \$200 million Boosting Dementia Research initiative.”

“Our Government’s strong economic management ensures continued record investment in vital health and aged care initiatives like these.”

The 2019-20 Budget included an investment of \$7.7 million to reduce the misuse of medicines in residential aged care.

This investment includes the establishment of a new unit of clinical pharmacists within the Aged Care Quality and Safety Commission which will work directly with residential aged care providers to drive best practice use of medicines.

This is in addition to the Morrison Government’s support for the *Pain in Residential Aged Care Facilities: Management Strategies* publication launched early this year to help Australia’s aged care workforce to identify, assess and manage pain felt by people in their care.

PainChek® has regulatory clearance in both Australia and Europe.

The PainChek® app originated at Western Australia’s Curtin University and was then further developed by listed Australian digital health company PainChek Ltd.

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Authorised by Ken Wyatt AM, MP, Member for Hasluck.