

ePAT Technologies Limited

Investor Presentation Update March 2017



Pain is the most common reason people seek medical advice.

ePAT technologies want to augment caregivers' ability to manage pain with a simpler, more objective assessment method.



Investment Highlights

- ePAT addresses a critical medical problem
- Targeting large global markets high volume business model with low operating cost base
- Short time frame to market
- Clear commercialization strategy
- Plans for multiple products and revenue channels
- Experienced and capable Board and Management teams





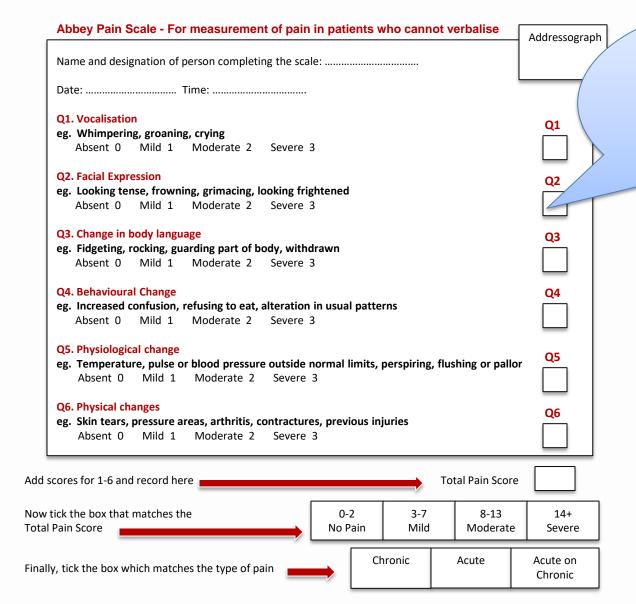


The Problem

- Pain is often poorly managed particularly in those who are unable to communicate
- Tools used to assess pain are highly subjective and often not used
- As a result, pain often goes undetected and untreated



Pain Assessment monitoring currently lacks objectivity and requires specialist intervention.



Facial expression analysis on the Abby Pain Scale requires the user to both detect and quantify facial expression indicative of pain: this is subjective and vulnerable to user bias.



Our Proposed Solution

ePAT

ePAT are developing a secure medical device that will use a smartphone to visually analyze facial expressions, assess and score pain levels in real time, and update medical records in the cloud

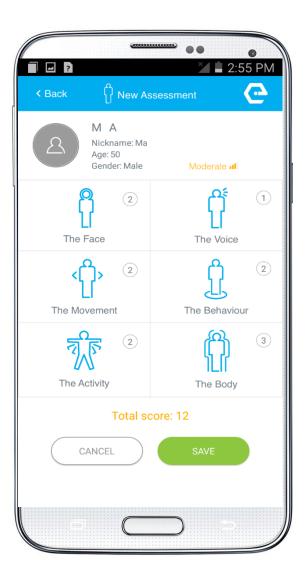


ePAT solution



- Automated Facial Pain Analysis:

 a 10 second video of patient face
 recognizing 9 subtle types of micro-facial
 expressions that indicate pain
- Questionnaire checklist:
 to guide the carer to accurately assess body
 movement, vocalization and other pain
 factors by simple Yes/No decisions
- Automated pain assessment score:
 based on 42 test points synchronized to the
 cloud and stored for ongoing pain assessment
 monitoring by patient's carer



ePAT has been designed to deliver the following benefits



- ✓ Automate key assessment processes, saving time and reducing the risk of error
- ✓ Empower caregivers to monitor and manage pain accurately without expert support
- ✓ Reduce patients' need to seek medical advice for pain, enabling better in-home care
- ✓ Improve health outcomes for people in pain and reduce cost for healthcare providers



Our Partners

nViso, recognised internationally for their expertise in **micro- expression analysis**, to assist the prototype App development

and

Darwin Digital to develop the commercial version of the ePAT App for Dementia and to do the backend system development.



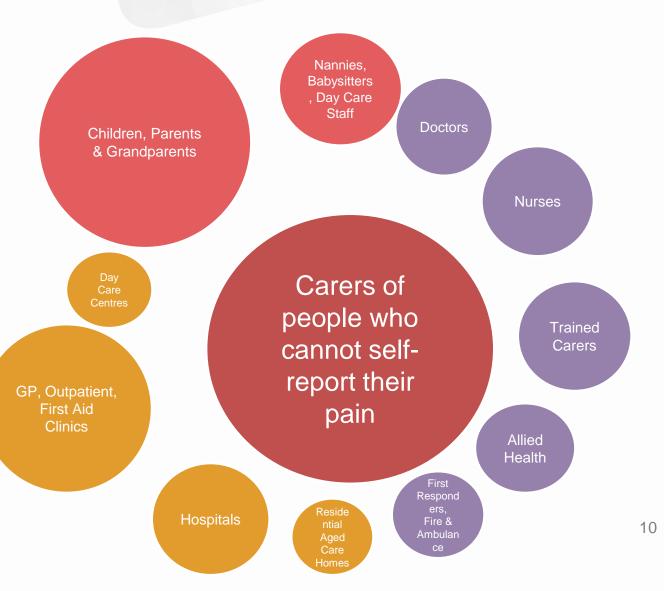




Our initial focus will be to commercialise ePat Apps for:

- Carers for people with Dementia
- Carers of Pre-verbal Children





Target Market

Dementia

Syndrome in which there is deterioration in memory, thinking, behaviour and ability to perform everyday activities

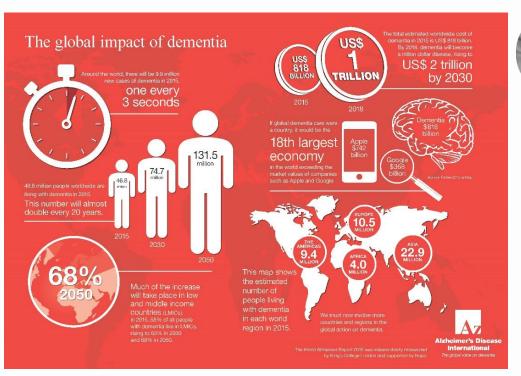
Advanced Dementia is associated with an inability to communicate pain

Healthcare shift to provide home care facilities through outreach programmes and

home carers

Carers of people with dementia

Healthcare Professionals
Trained Carers
Allied Health
Family Members







Target Market

Pre-Verbal Children

- Neonates (0-1 month), infants and toddlers (1 month 3 years)
- Sources of pain include: rashes, teething, middle ear infections, headaches, gastro-intestinal.
- Current pain assessments are often subjective and based on intuitions, assumptions and personal beliefs

Carers of pre-verbal children

Mums & Dads
Grandparents
Health care professionals
Nannies
Babysitters
Day care workers

4 Babies Born Every second

~ 130 million
Births per year

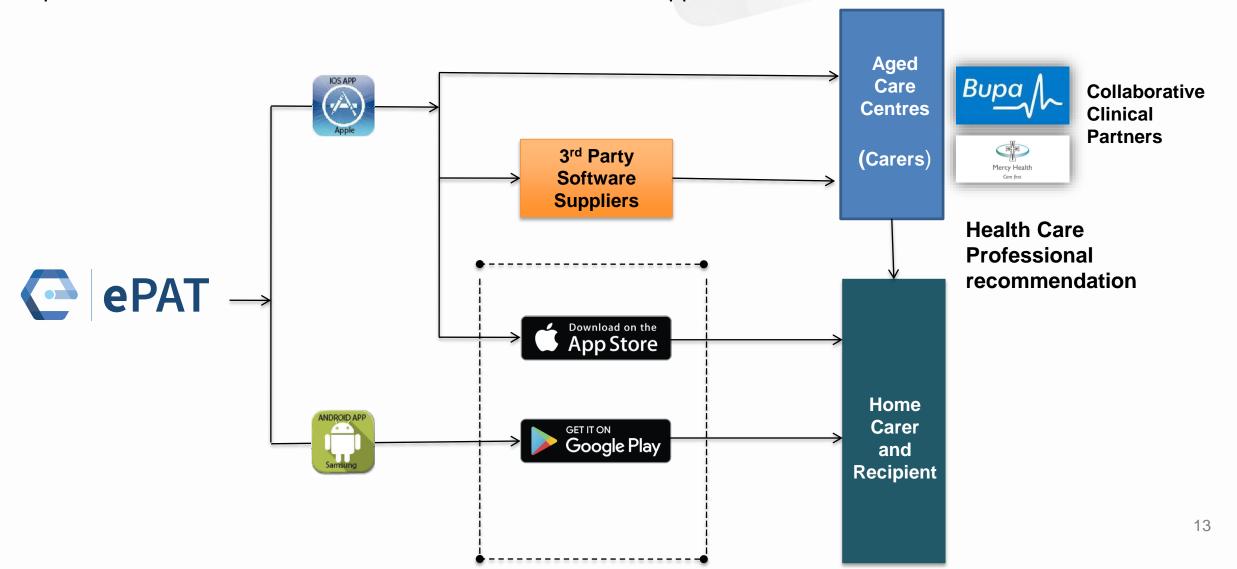
~ 260 million
New parents





ePAT Market entry strategy

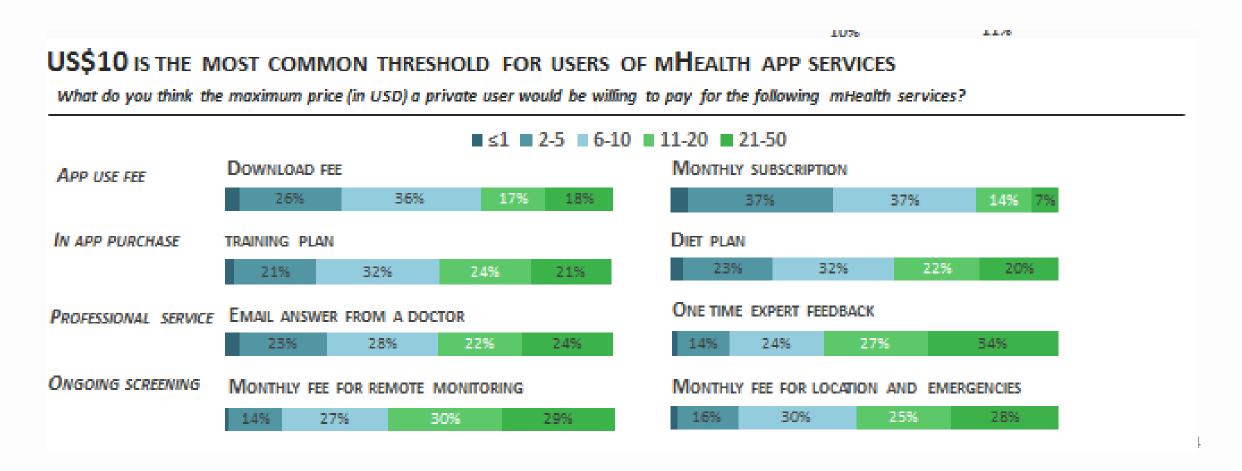
Initial market entry will be to Aged Care Centers with IOS App to gain healthcare professional recommendation - prior to direct to home carer launch with IOS and Android App



mHealth App Developer Survey



mHealth App Developer Economics 2015 survey confirms chronic illnesses - such as dementia - as the most promising market for mobile health Apps







Dementia App

- 1. Q4 2016 Validation studies completed
- 2. Q3 2017 Implementation studies completed
- 3. Q2 2017 TGA and CE mark application submitted
- 4. Q3 2017 Target for TGA approval in Australia and approval in the EU
- 5. Q3 2017 Target for commercialisation in Australia and initial European markets
- 6. Q1 2018 Target for FDA approval in the USA
- 7. Q2 2018 Target for commercialisation in the USA

Pre-Verbal Children Apps

- Q4 2016 Next phase of development expected to commence
- 2. Q2 2017 Prototypes for initial validation testing
- 3. Q4 2017 Commence clinical studies
- Q2 2018 Finalise App and build regulatory file for approvals
- 5. Q3 2018 Target for Regulatory approval in Australia and Europe and commercialisation ready



Progress Update on Key Milestones



Dementia App: Validation Study

Timing:

- Commencement Mar 15
- Completion May 16

Objectives:

- To provide data needed for regulatory approval filings
- To determine the relationship between ePAT and Abbey Pain Scale (APS) pain scores
- To investigate psychometric properties of the ePAT when compared to the APS



Dementia App: Validation Study Results



Activity	Correlation Coefficient (95% Confidence Intervals)
Overall (ePAT Score vs. Abbey Score)	0.88 (0.86 - 0.90)
Rest	0.88 (0.84 – 0.91)
Movement	0.89 (0.86 – 0.92)

Guide to Correlation Coefficient: $\pm 0.70 - 1.00$ Strong; $\pm 0.30 - 0.69$ Moderate; $\pm 0 - 0.29$ None (0) to weak

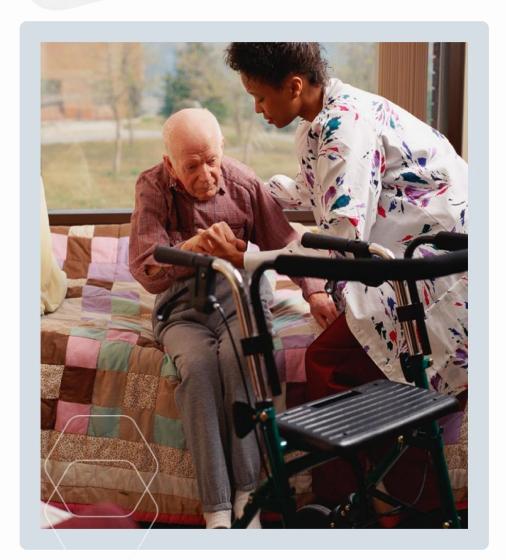
Dementia App Validation Study:



Conclusions:

The ePAT has demonstrated excellent performance against the Abbey Pain Scale regardless of activity when assessing clinical pain in patients with moderate to severe dementia.

This study provided most of the support data for Regulatory Approval filings.



Dementia App: Pilot Implementation Study



Location: Brightwater W.A.

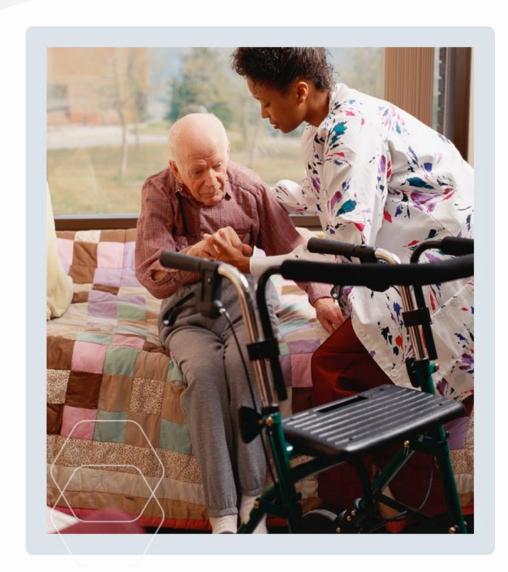
Timelines:

Commencement: Oct 16

Completion: Dec 16

Objectives:

- To evaluate the feasibility and clinical effectiveness of the ePAT in assessing pain among residents with moderate-to-severe dementia.
- To determine the clinical impact of the use of ePAT pain in residents with moderate-to-severe dementia and their management.
- Obtain final data for CE/TGA Regulatory filings



Dementia App: Pilot Implementation Study Results

Activity	Weighted Kappa (κ)	95% CI
Rest n=38	0.72	0.58-0.86
Movement n= 38	0.66	0.48-0.84

Conclusions: Good inter-rate reliability data – indicating ePAT can be used by different people with different skill sets and will achieve same results.

Dementia App Multi-centre Implementation Study



Objective:

 to assess the operation of the ePAT system when embedded in a clinical use environment – so as to refine final product prior to launch.

Multi-centre study with BUPA

- Up to 10 aged care sites across Victoria
- Potential for 200+ subjects
- Planned to start in Q2 2017
- Ethics approval in place



Dementia App: TGA and CE Mark submissions



- ePAT is a Class 1 medical device
- Completed Validation & Implementation studies provide the core data set for regulatory submission
- Kea Dent & Associates appointed to complete Technical File
- ePAT on target for:
 - CE Mark and TGA Submissions before end of Q2
 17
 - CE Mark and TGA Approvals before end Q3 17

"As ePAT is considered a Class 1 medical device, on meeting the Essential Requirements, we will then provide a written self-declaration statement of compliance with the regulatory requirements to obtain the CE Mark and TGA approvals"

ePAT Patent Status



- Patent Clearance for PCT filing received in August 2016
- National Filings commenced Feb 2017 in all key global markets;
 - Europe
 - US
 - Australia
 - China
 - Japan

INTERNATIONAL PRELIMINARY EXA	MINING AUTHORITY	_	
To: Dr Andreas Hartmann GRIFFITH HACK Level 19, 109 St Georges Terrace Perth, Western Australia 6000 Australia		PCT NOTIFICATION OF TRANSMITTAL OF INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY (Chapter II of the Patent Cooperation Treaty) (PCT Rule 71.1) Date of mailing (day/month/year) 08 August 2016	
Applicant's or agent's file reference P96779.PCT		IMPORTANT NOTIFICATION	
International application No. PCT/AU2015/000501	International filing d 18 August 2015	late (day/month/year)	Priority date (day/month/year) 18 August 2014
Applicant ELECTRONIC PAIN ASSESSMENT	TECHNOLOGIES (EPAT	T) PTY LTD	
			g Authority transmits herewith the lished on the international application.
 A copy of the report and it the elected Offices. 	s annexes, if any, is being	transmitted to the Intern	ational Bureau for communication to all
		ernational Bureau will p	repare an English translation of the report

Pre-verbal Children's App Progress



- Algorithm written for facial microanalysis
- Children's video library being developed in Europe
- Prototype App developments to commence in Q2 2017



Why Invest In ePAT?

ePAT is on target with Milestones that lead to Dementia App **market launch in Q4 2017**

- Validation study results confirm accuracy compared to Abbey Pain Scale - a core requirement for healthcare professional use.
- Pilot Implementation study indicates consistency of results with different users with different skill sets which is critical for widespread aged care adoption, including home use.
- ePAT Apps has International patent clearance now commenced national country filings stage.
- Class 1 medical device regulatory approval processes for Australia and Europe well advanced.



ePAT Strategic Advantages:

- ePAT addresses a critical medical problem
- Targeting large global markets high volume business model with low operating cost base
- Short time frame to market
- Clear commercialization strategy
- Plans for multiple products and revenue channels.
- Experienced and capable Board and Management teams



Appendix 1: Our Team



Strong track record in clinical practice, R&D, innovation and commercialisation

Managing Director EPAT Technologies Ltd



Philip Daffas

Philip is a highly accomplished global business leader and people manager with a 25 year international career. He has worked for blue-chip healthcare corporates and novel technology start-up companies including Cochlear and Roche Diagnostics. Philip has held senior global business leadership positions in Europe, US and Australia. He has been instrumental in building businesses, growing market share and developing extensive high-level customer relationships in each sector.

Scientific Team: Inventors and Founders from School of Pharmacy, Curtin University

All three inventors are pharmacists with a strong track record in clinical practice



Prof. Jeff Hughes

Jeff is a professor in the School of Pharmacy, Curtin University in Western Australia. Jeff served as the Head of the School of Pharmacy of Curtin University, from March 2009 to May 2014. Jeff is one of the team who invented the ePAT App and is now Chief Scientific Officer of ePAT Technologies.



Dr Kreshnik Hoti

Kreshnik is registered а community and consultant pharmacist with a PhD in Pharmacy and an accreditation from the Australian Association of Consultant Pharmacy. Dr. Hoti has extensive practice experience in reviewing the use and safety of medicines in community and aged care settings, especially in geriatric people with chronic conditions.



Mustafa Atee

Mustafa is a clinical, community and academic pharmacist. Throughout his 11-year career in pharmacy, he has managed a number of community pharmacies in Western Australia. Mustafa holds a postgraduate diploma and master degrees in clinical pharmacy..

Appendix 2: Our Board



Strong track record in building global businesses, corporate governance and successful commercialisation of novel healthcare technologies

Non-Executive Chairman EPAT Technologies Ltd



John Murray

has over 20 vears' John experience in private equity and venture capital, and was a cofounder and Managing Partner of Technology Venture Partners: one of the original and leading venture capital firms in Australia. John is a past chairman of the Australian Capital Association. Venture John has considerable experience as a director of high growth, technology-based companies.

Managing Director EPAT Technologies Ltd



Philip Daffas

Philip is a highly accomplished global business leader and people manager with a 25 year international career. He has worked for blue-chip healthcare corporates and novel technology start-up companies Roche including Cochlear and Diagnostics. Philip has held senior global business leadership positions in Europe, US and Australia. He has been instrumental in building businesses, growing market share and developing extensive high-level customer relationships in each sector.

Non-Executive
Director EPAT Technologies Ltd



Ross Harricks

Ross' experience commercialisation of medical products spans over thirty years and over three continents.. He began in the medical industry in the UK, marketing CT scanners and then moving to Australia to set up his company's regional operation. In 1983, sales Ross joined the Nucleus Group as Group Marketing Executive and became President of Group subsidiaries in United States in marketing medical equipment and scientific computing products.

Non-Executive
Director EPAT Technologies Ltd



Adam Davey

Adam is the Director, Private Clients and Institutional Patersons Securities. His expertise spans over 25 years and includes ASX Listings, Capital Raising (both private and public), Mergers and Acquisitions as well as Transaction Due Diligence. Adam has held various roles within different organizations including Chairman, Managing Director as well as Corporate Adviser to the board.

Appendix 3: Corporate and Financial Position



Cash at 31 December 2016: \$3.5m

Securities on issue:

Ordinary shares: 671.9m (215.8m escrowed 24 months)

Options: 238.2m

Market Capitalisation (@ 2.8cents per share): \$18.8m