Assistive technologies opportunities information session, 2014 DMITRE & University of Adelaide

An End-user perspective Helping Hand
Aged Care Services – scale, characteristics and business profile

• 1200 providers (NFP little over 60%)
• Residential Care: 200,000 residents
• Packaged Care at home: 64,000 people
• HACC (Home & Community Care): 610,000
• Respite
• Transition
• Seen as a solution to escalating hospital demand
Age Care Workforce

Estimated:

- 98,400 people employed in community care services
- 197,000 people employed in residential care – 150,000 are direct care employees

Current structure: RNs/ENs/Care Workers and Allied Health
Aged Care Growth

• By 2050, 3.5 million Australians are expected to use aged care services
• Government expenditure on aged care is expected to increase from 0.8 to 1.8 per cent of GDP by 2050
• Aged Care workforce to quadruple by 2050 - when the overall employment-to-population ratio will be declining
Workforce scale and growth characteristics

- **Exponential growth** – home care and residential (institutional) care
- **Consumer choice** (“Consumer Directed Care” - CDC)
- **Wellness/preventative** approach – compression of morbidity (and interest in health)
- **Hospital avoidance** – partnering with wider health system
- **Geography**
Service provider (business) Systems

• Business systems software (i.e. Financial/HR/Asset Mgmt/Client data management) & data into information
• Mobile data input devices (i.e. hand-held) in residential (“bedside”) and home care
• Locational safety equipment for field staff
Client Service Systems

• Home monitoring (i.e. tracking movement in the home – algorithmic analysis of behavioural variations etc)
• Client-Provider communication in the home (potentially tablet-based – for arranging appointments, medication prompts, etc)
• Emergency call systems
• Smart Homes technologies, entertainment
Implications/Opportunities

• New roles?
  – Effective consumer clinical assessment – who best to do it?
  – Redefine RN/EN roles
  – Nurse Practitioners?
  – CDC Consultants?
  – Wellness advocates/consultants
  – Therapy support
  – Technology support – for providers and consumers
Goal: create comfortable and enabling environments
All single rooms
Thank you

https://vimeo.com/57501071
Thankyou

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