

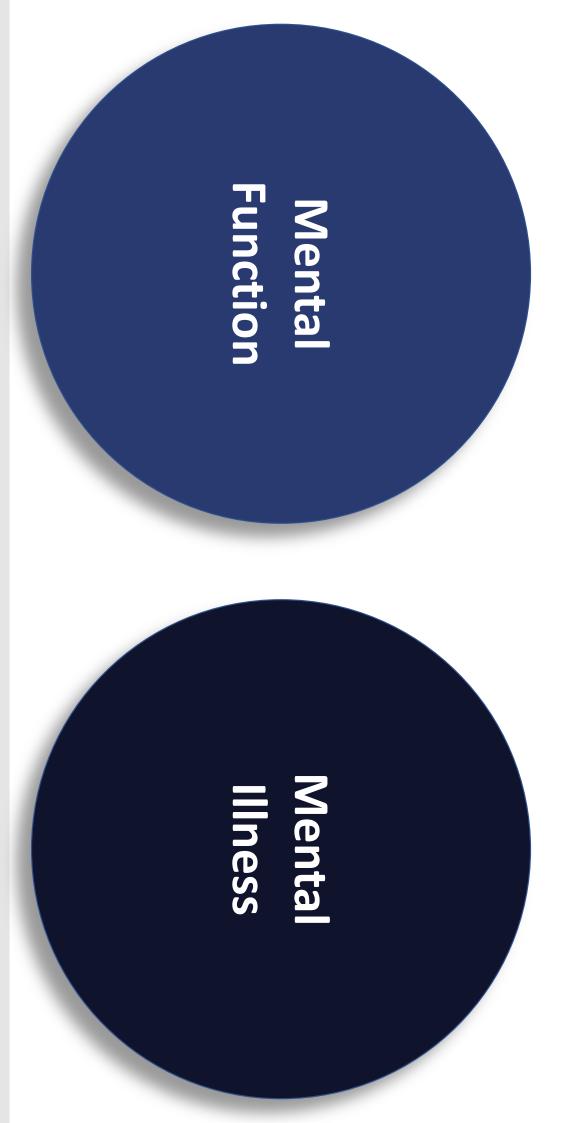
absence of mental illness: moving the definitions on Mental Health, A quality life is not merely the Function to facilitate clinic to Mental Illness and Mental community conversations

By Paul Phillips, Tom Aune, Philip Currie, Heather Burzacott

### Mental health

is more than one thing





Applies to everyone

Mental Illness:
Applies to
some

Covered by OH&S and Industrial Relations

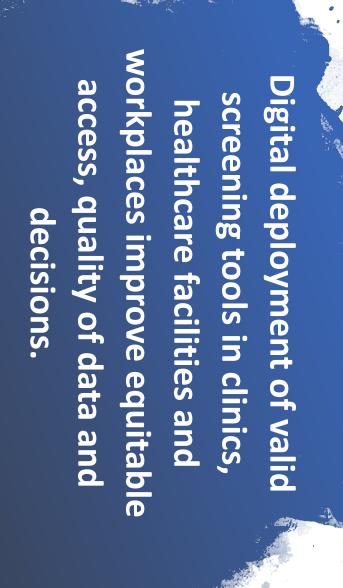
Mental Illness:
Protected by
Disability
Discrimination

Mental Function:
Resilience
Empathy
Safety
Non-aggression

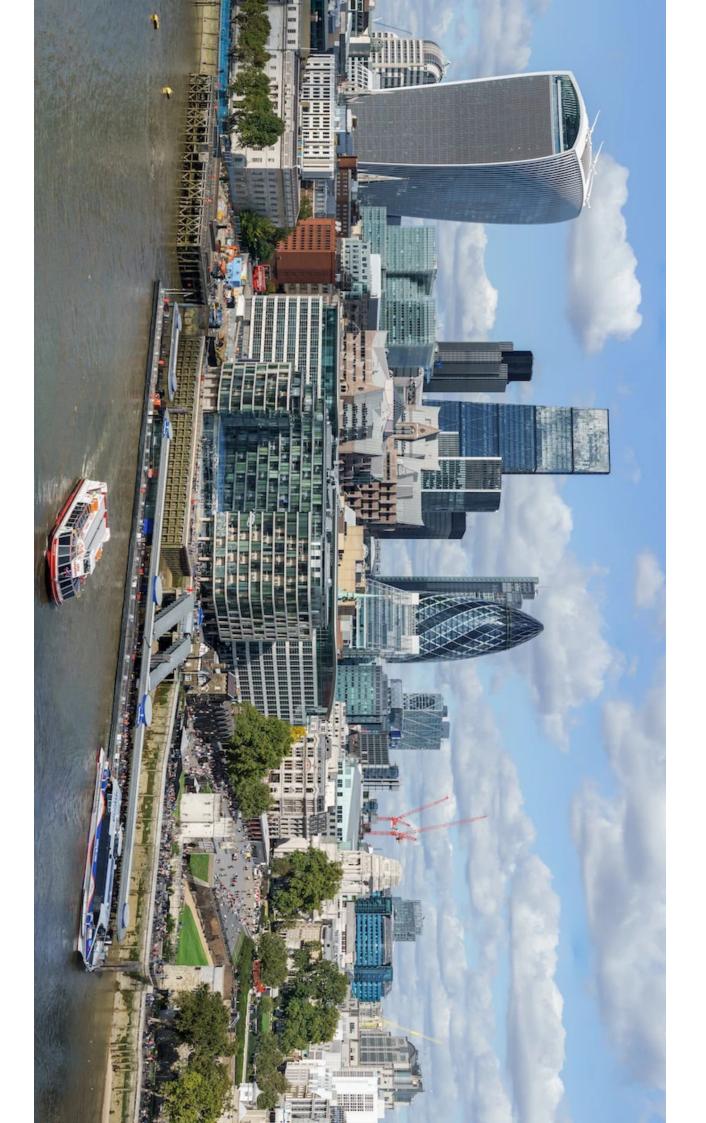
Depression
Anxiety
Trauma
Adjustment

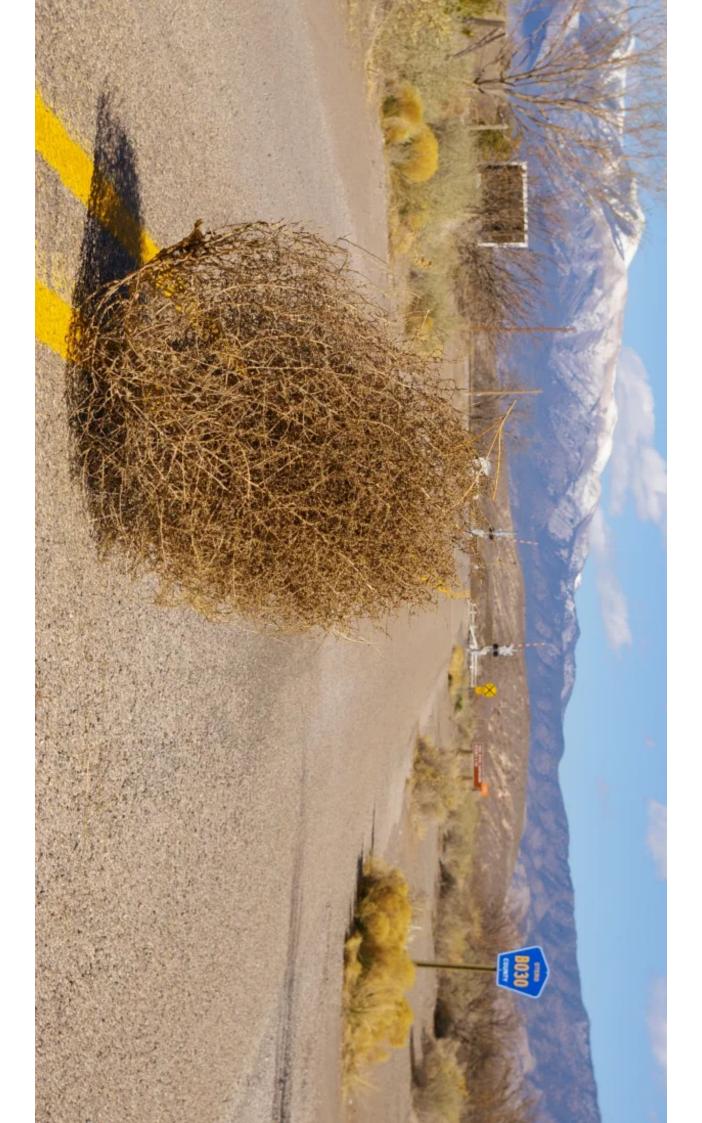
Mental Function:
Global
Functional
Inventory
GFI

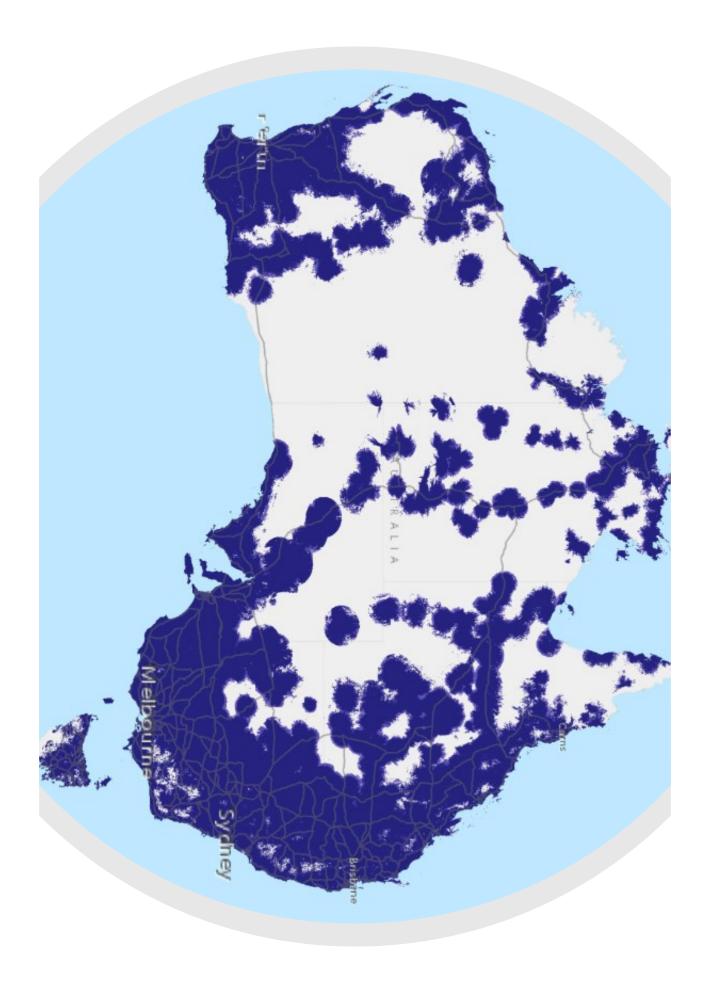
Mental Illness:
Minnesota
Multiphasic
Personality
Inventory -2
MMP1-2



By Philip Currie, Tom Aune, Heather Burzacott,
Paul Phillips









# Tools currently deployed without validity

- DEPRESSION: DASS, PHQ-9, BDI
- ANXIETY: BAI, ZUNG SAS,
- DISTRESS: K10, K6
- SELF EFFICACY: GSES
- PTSD: PCL-4, PCL-5, CAPS-5, IES, IES-R

# TOOLS DIGITLALY DEPLOYED WITH VALIDITY

- DIAGNOSTIC TOOLS
- MMPI-2
- MMPI-2-RF
- PAI
- MCMI-III, MCMI-IV
- FUNCITONAL TOOLS
- GFI



By Heather Burzacott, Tom Aune, Paul Philips, Philip Currie



- Everyone deserves to come home from work safely. Yet, some individuals return home injured. They may have hurt their back, shoulder or knee. Then after weeks of rehab, possibly surgery, their physical function does not return. This becomes a source of stress for them and they may develop an adjustment disorder due to it, or depression or anxiety due to a medical condition.
- All of these are physical injuries that have caused mental illnesses, known as secondary psychological injuries. These types of injuries not only affect the worker but also their family, friends and community.



Prevention is better than cure and these types of events need to be considered to be preventable causes for mental illness.

There are very few mental illnesses that have any scientific certainty as to their cause. Yet physical injuries that go on to cause trauma, adjustment or mood mental illnesses, have a clear known cause.

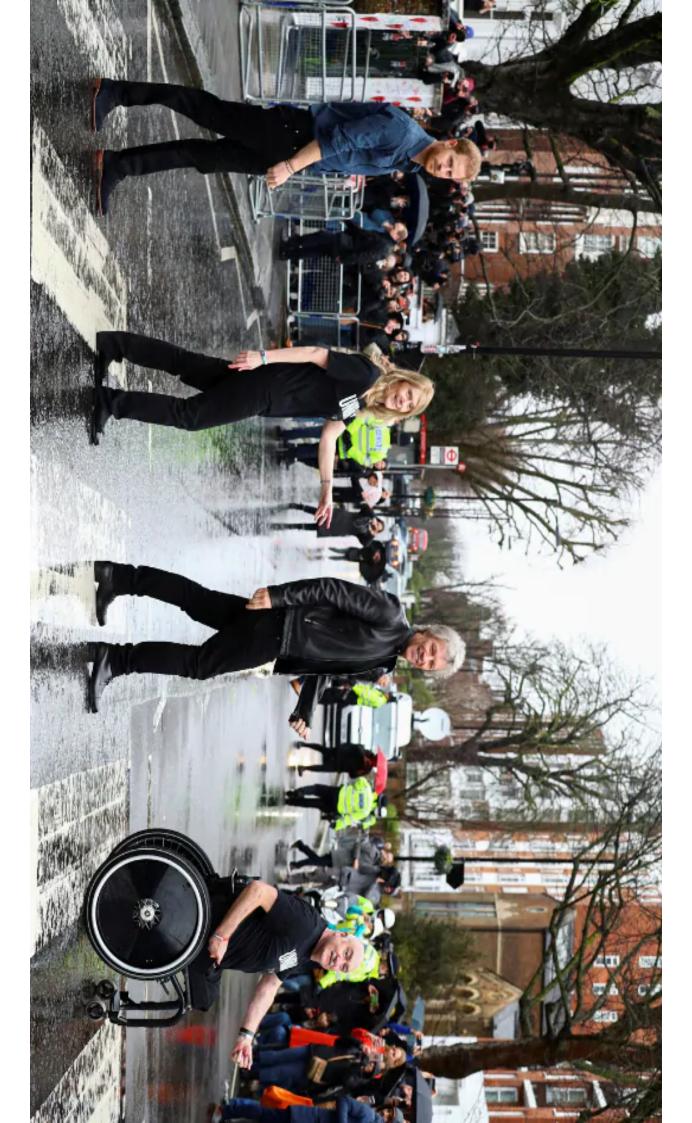


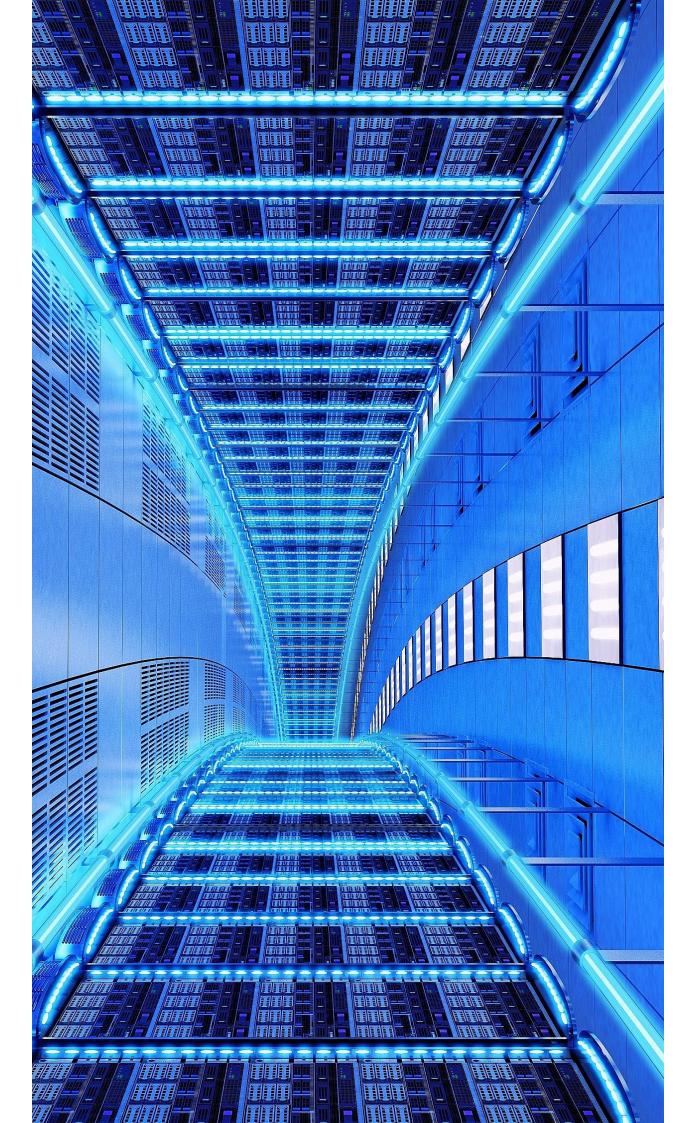
In this paper we discuss the use of physical health screening and how when implemented in medium to large enterprises, such as private hospitals, has significantly decreased physical injury rates.

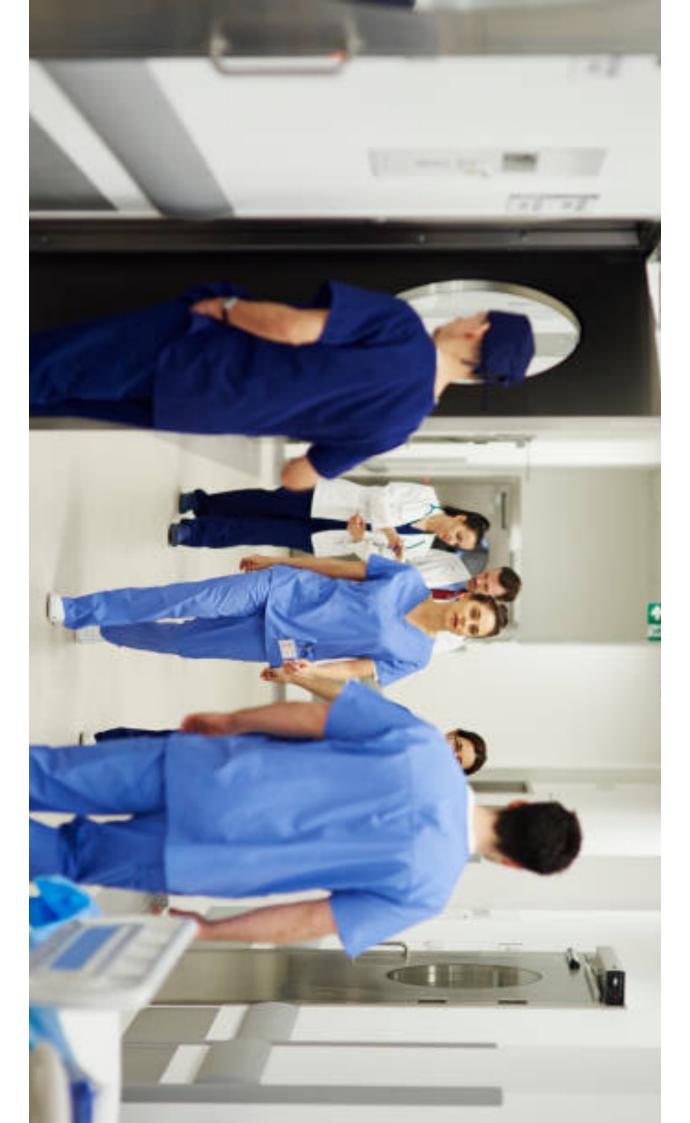
This decrease in physical injury rate has subsequently prevented any secondary psychological injury as the primary physical injury never occurred.



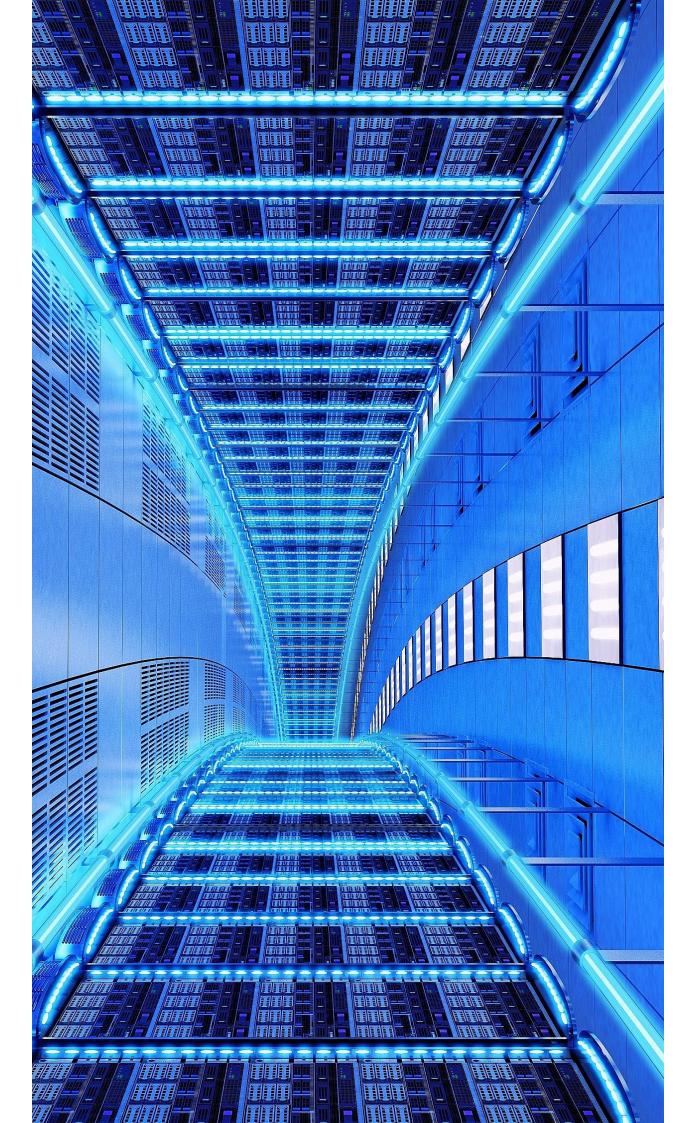
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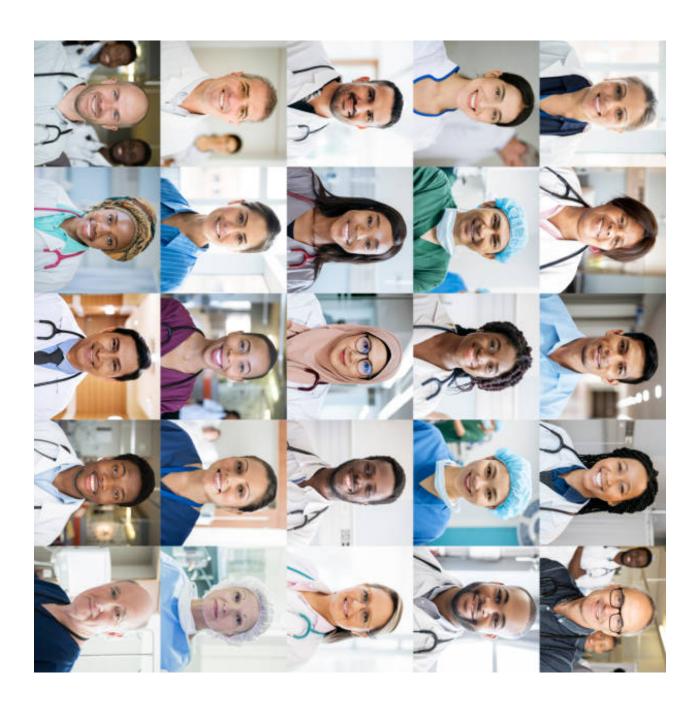
















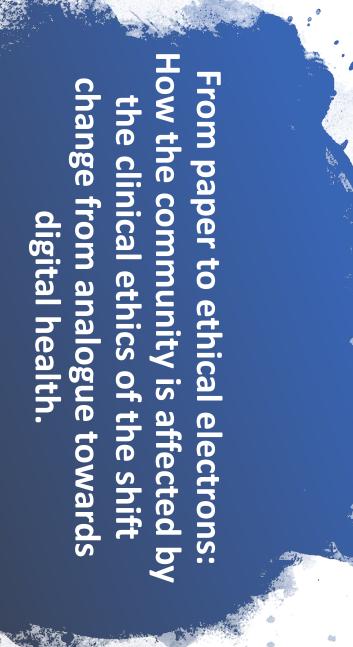
- People have health concerns that can develop into issues over time. It is vital to know what these health concerns are, and it is labour intensive to have people fill out paper scales, tools and questionnaires as well as sort, file and store.
- This manual process cannot be scaled to tens of thousands of people, nor dispersed across the globe. To achieve this level of scale, digital means must be utilized.



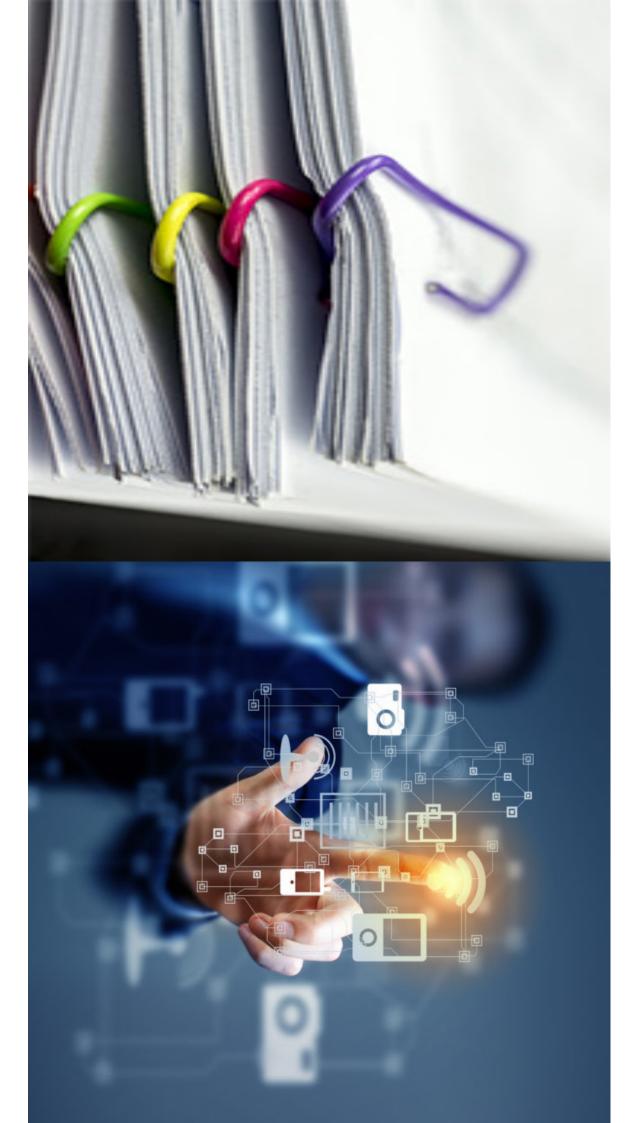
- Adjustment disorders are the diagnosable mental illnesses that result from a stressor. According to Safe Work Australia data, over 90% of work-related psychological injuries are due to exposure to a stressor.
- Resilience, self-efficacy and mindfulness all play a part in protecting the person' mental health. However, if these are not tested then it is impossible to implement reasonable precautions to prevent a worker's exposure to a damaging stressor.



- New workplace manslaughter laws are coming into effect in about half of the states in Australia which can hold employers criminally responsible for the death of workers, possibly even suicide death.
- Pre-employment screening using the digital Global Functional Inventory can protect the employer by ensuring compliance with duty of care provisions, including prevention of suicide among workers.



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# The two options

• Analogue
• Good old
pencil and
paper



# Does the patient deserve best practice?

- •Analogue
- ·Can be lost
- Text fades

- ·Can be had
- entry Altered backeo

# Is digital better?

### •Analogue

- Single point of access
- Long term storage cost
- Retrieval cost
- Replication cost

#### Digital

- Multiple points of access
- Near infinite storage capacity
- Processing speed
- Retrieval speed
- Cross validation

# Is one more ethical?

### Analogue

Easier to commit fraud

 Can be made a free

# Which is best for community?

### Analogue

- Rare illnesses get little research
- **Emergent data cannot** occur
- **Emergent solutions cannot** occur
- Access based on proximity to source

#### •Digital

- by data poolingEmergent data Rare illnesses get research
- Emergent solutions
- Access for all simultaneously



#### S C ア ΠI N P C O Y





Thomas Aune



Heather Burzacott



Dr. Paul Phillips



# FROM PAPER TO ETHICAL

### ELECTRONS:

the clinical ethics of the shift digital health change from analogue towards How the community is affected by



SUREMPLOY

#### merely the absence of A quality life is not mental illness:

community conversations Moving the definitions on Mental Health, Mental Illness and Mental Function to facilitate clinic to



#### conundrums to hard coded algorithms and Artificial From abstract ethical Intelligence:

and community gap Using digital strategies at scale may bridge the clinical



#### DIGITAL DEPLOYMENT OF VALID SCREENING TOOLS IN CLINICS, HEALTHCARE FACILITIES AND WORKPLACES IMPROVE EQUITABLE ACCESS, QUALITY OF DATA AND DECISIONS.







### THE PHYSICAL AND MENTAL HEALTH SILOS:

Preventing
workplace physical injuries
must be part of a business
and community mental
health prevention strategy

