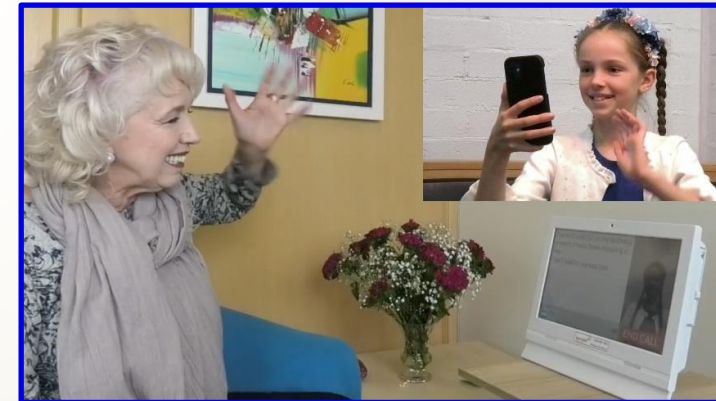
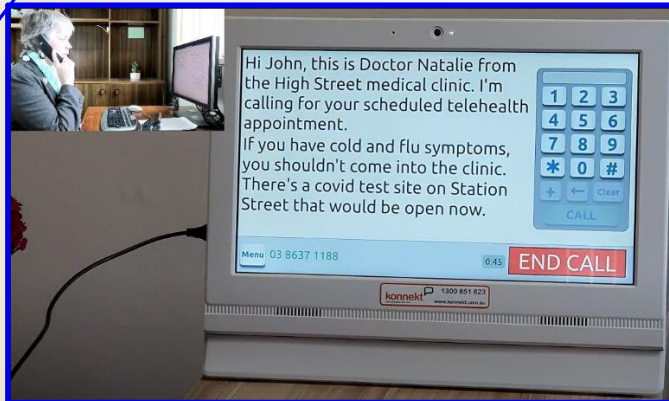




Captioning Videophone

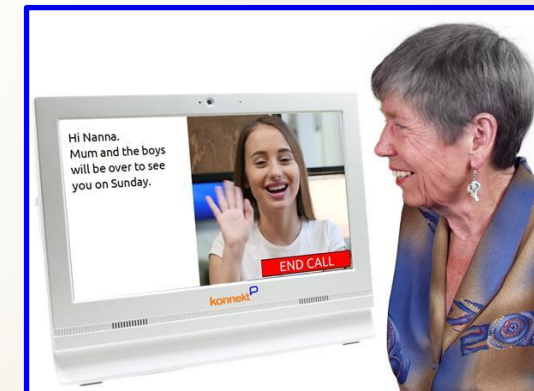
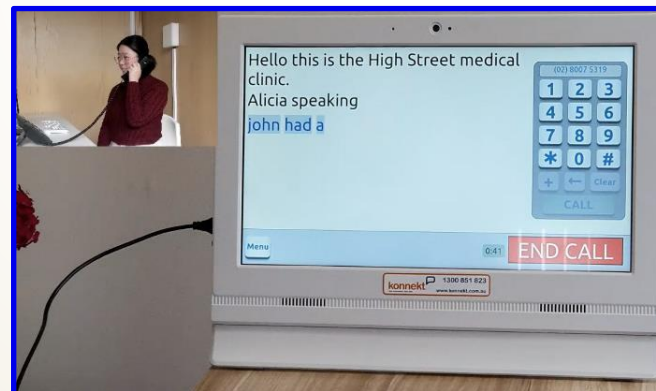
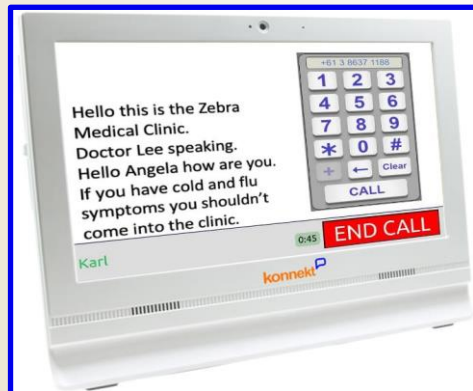
**Konnekt: The easiest captioning phone for hearing-impaired.
Medical research, case studies, when to recommend.
ATSA 2021**



John Nakulski

What you'll get from this talk

- **WHY** is **face-to-face** critical for mental health?
- The Konnekt: Captioning **Videophone and Phone**, all in one.
- Reading lips and facial expressions.
- Captioning phone alternatives, and **WHEN** to recommend.
- Government funding: 5 types, on 1 page.



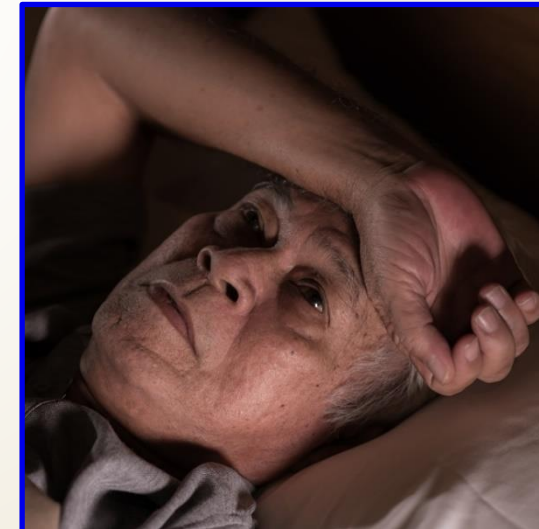
Social isolation is deadly

Studies link social isolation and loneliness with:

1. Blood press. (14mm 4yrs)
2. Fragmented sleep (99%)
3. Dementia (2,173 3yrs)
4. **Depression** (14 studies)
5. **Mortality** (8yrs 22% 12%)

Hearing loss: **1 in 5** experience clinical depression symptoms.

- Journal: Clinical Interventions in Aging, 2019



4



**Face-to-face contact
is vital**

Study 1: 11,000 older adults

Face-to-face 3 times/week

Half depression incidence

Derived gains endured 7 yrs

**Phone conversations &
written contact: No effect**

Study 2, with video calls:

Same benefit



**Dr. Alan Teo,
Leading mental health
researcher, and
OHSU Professor
Dept. of Psychiatry &
School of Public Health**

Konnekt Captioning Videophone

Captions: Automatic, fast,
private, multiple languages.

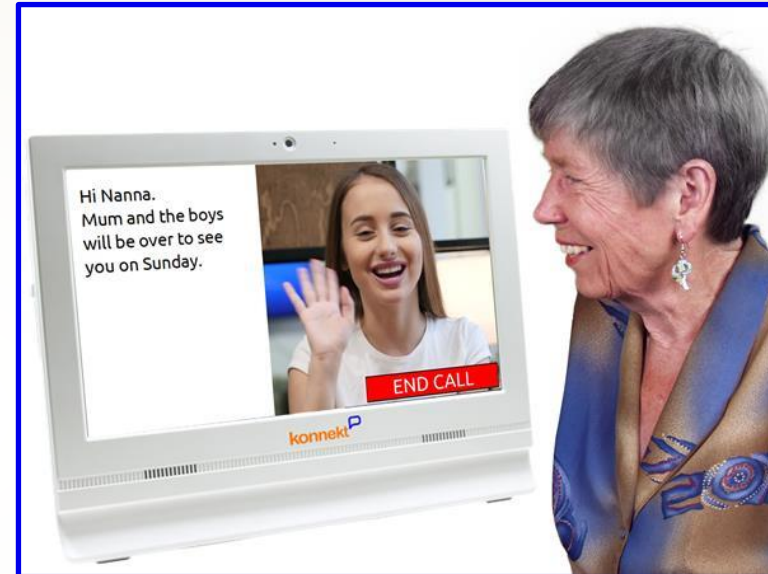
Phone calls and video calls.

Read lips, facial expressions.

Incredibly easy to use.

Personalized: Unbox and go.

Contact Konnekt support in
Australia for additions/changes.



Optional wireless
access button



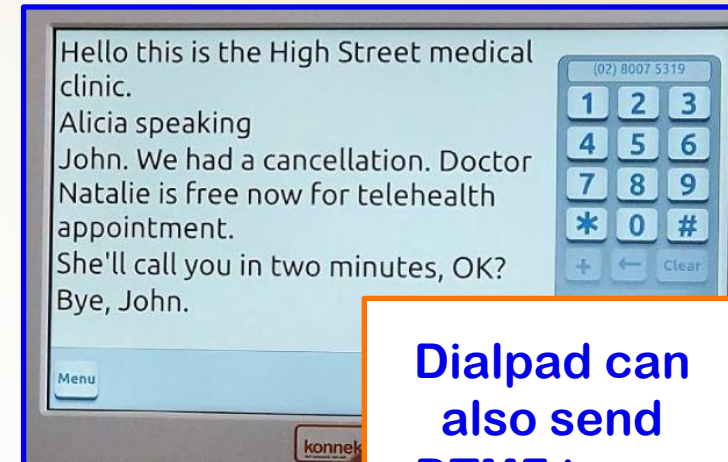
Options and accessories for

- low vision
- poor mobility / dexterity
- cognitive impairment

Captioned calls with receptionist & doctor

6

Dial phone
number

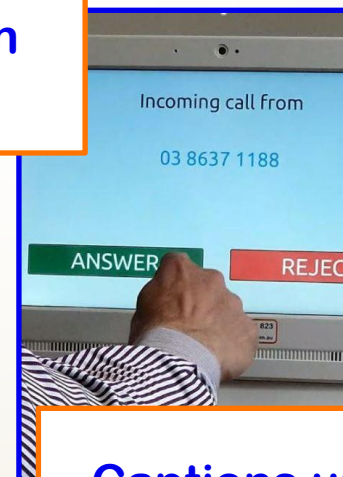


Dialpad can
also send
DTMF tones

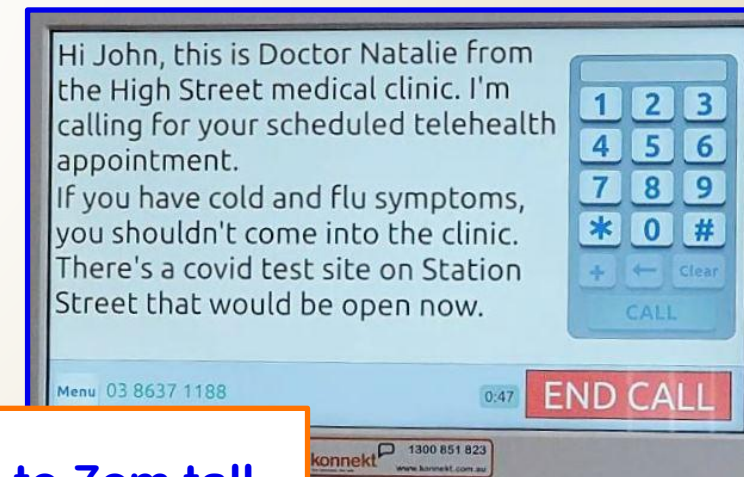
One-touch
answer



Doctor
calls back



Captions up to 7cm tall



Captioned calls with receptionist & doctor

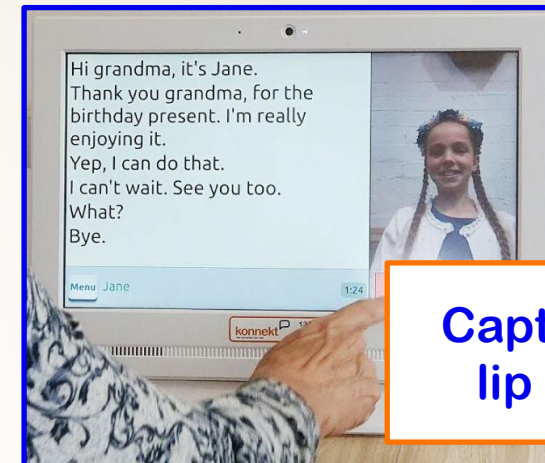
7



Captioned VIDEO calls with grandchild Jane

8

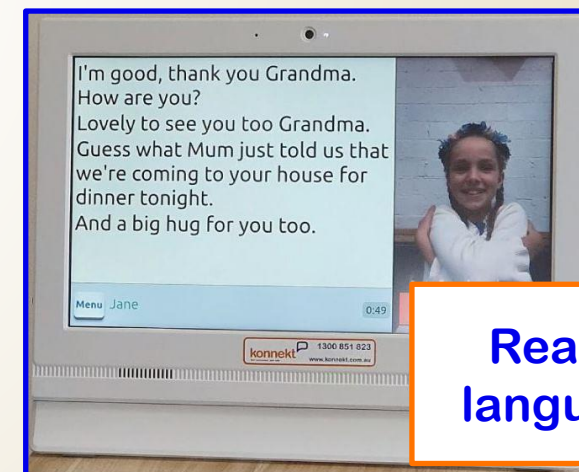
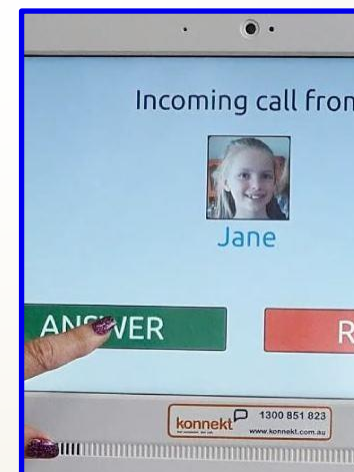
**One-touch
to call**



**Captions plus
lip reading**



**Jane calls back
on Skype**



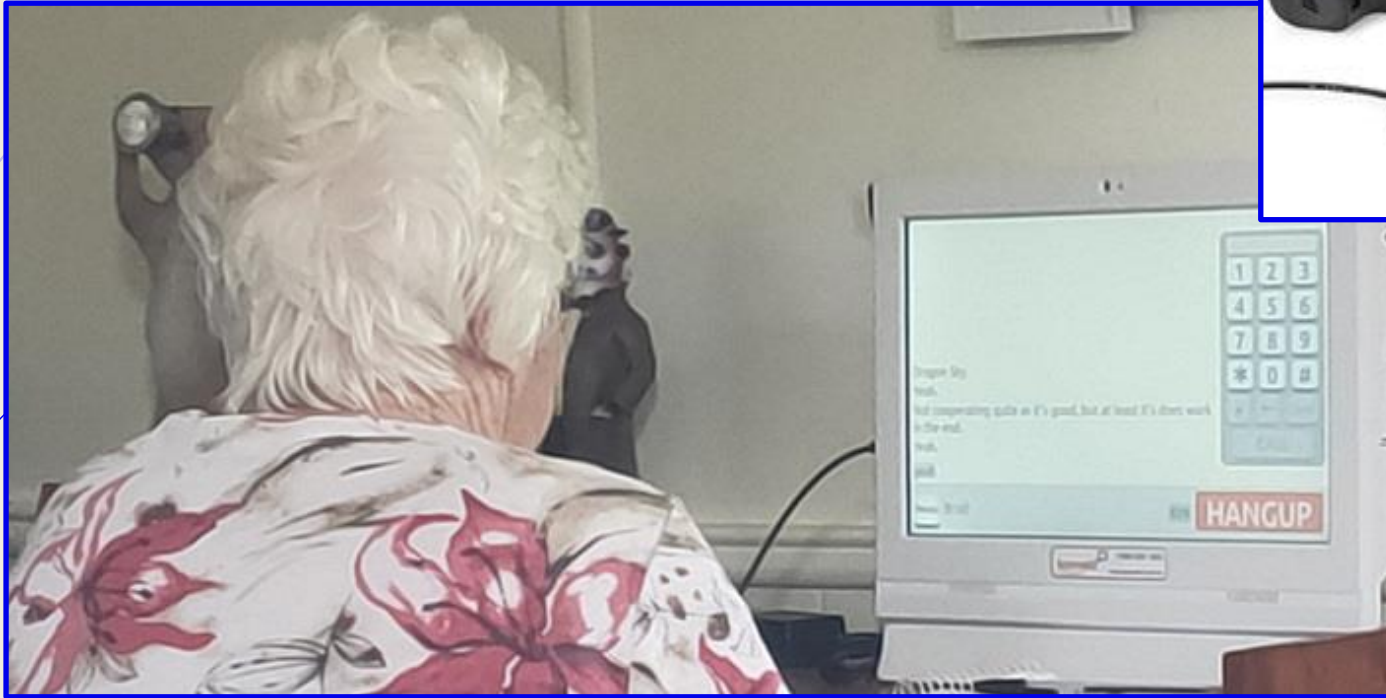
**Read body
language too**

Captioned VIDEO calls with grandchild Jane

9



Case Study 1 – Robin



Profoundly deaf. 77. Lives alone. Vulnerable.

The Konnekt was quick & easy to install, by her son.

Optional handset adds familiarity, privacy and voice clarity.

"There really is no other viable option for people in her situation" - son

Case Study 2 – Rodney

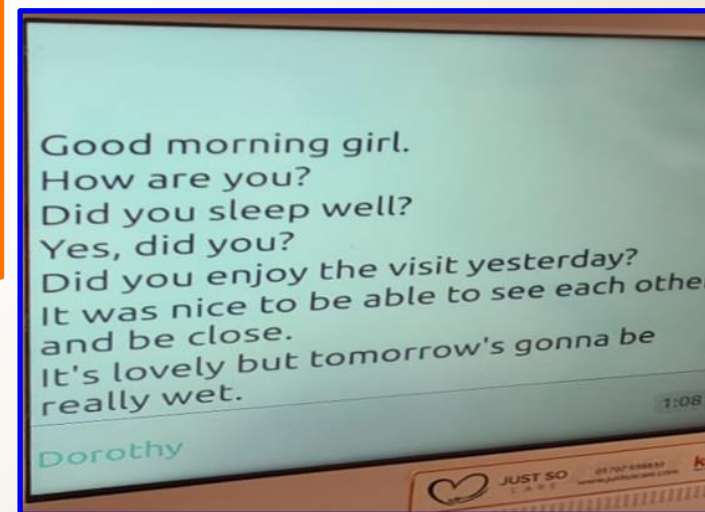


Profound hearing loss and
Progressive supranuclear palsy (PSP).

Relatives in USA, UK and Asia.

No visits allowed due to COVID.

“Life-changing” – wife Dorothy.



Case Study 3 – Joan



Severe hearing loss. **Dementia**. In assisted care.

Attended **lip-reading** classes for 10 years.

Previously: Afraid to use phone. Lost ability to communicate.

Family **uses video to check on her medication**... and once stopped her from using incorrect medication.

“Was dreading to teach mum but this was a breeze... She can now have a conversation with her brother in Sydney.”

Case Study 4 – Hildegard



Profound hearing loss. 94. Lives alone.

Unable to learn other devices. Now, makes calls daily.

The Konnekt helped delay moving to a nursing home.

If she has a problem, she knows that she can call.

Alternatives

TTY

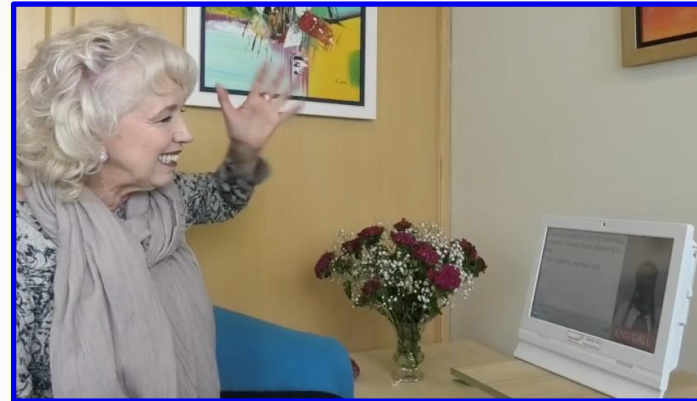


Braille display add-on

Only 1-2 lines of text

Callers must call the captioning centre; they cannot call you directly

Konnekt Phone



Fast, **private**, automatic captions; multiple languages

One touch to call or answer

Read lips and **facial expressions**

Options for low vision, mobility, dexterity, cognitive impairment

NRS Captions

Requires a phone plus a PC / tablet, or a Smartphone with a headset or hands-free

Multiple steps to make / answer calls

Human operators: Correctly spell **local place names**

Funding for Konnekt Captioning Videophone

15

“Recognized Communications Aid”



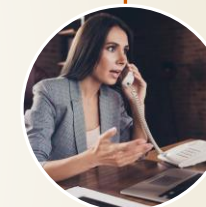
Needs a Konnekt Captioning Phone



For Home



**Residential Care:
Try Dementia Support
Australia**



**For Work:
Employment
Assistance
Fund (EAF)**



**Under 65:
NDIS**



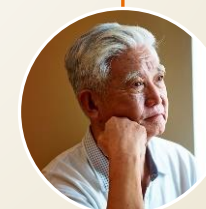
Over 65



**Multiple
Disabilities:
Home Care
Package HCP**



**Telstra
Customer:
Pilot* Program**



**Others:
CHSP
Up to \$1,000**

When to recommend for hearing loss

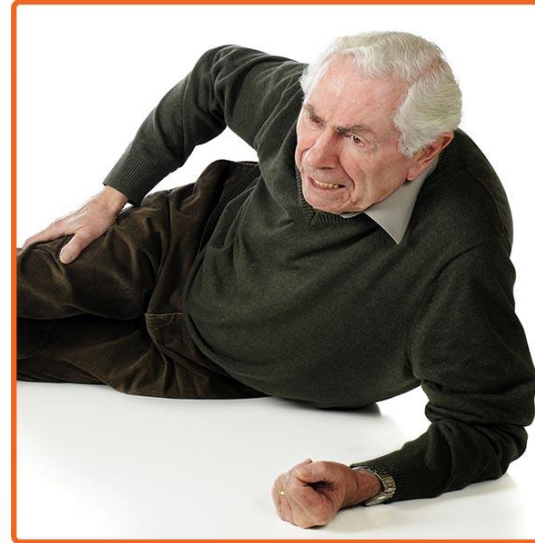
At home



Social isolation



Carer worry



Struggling



In the workplace

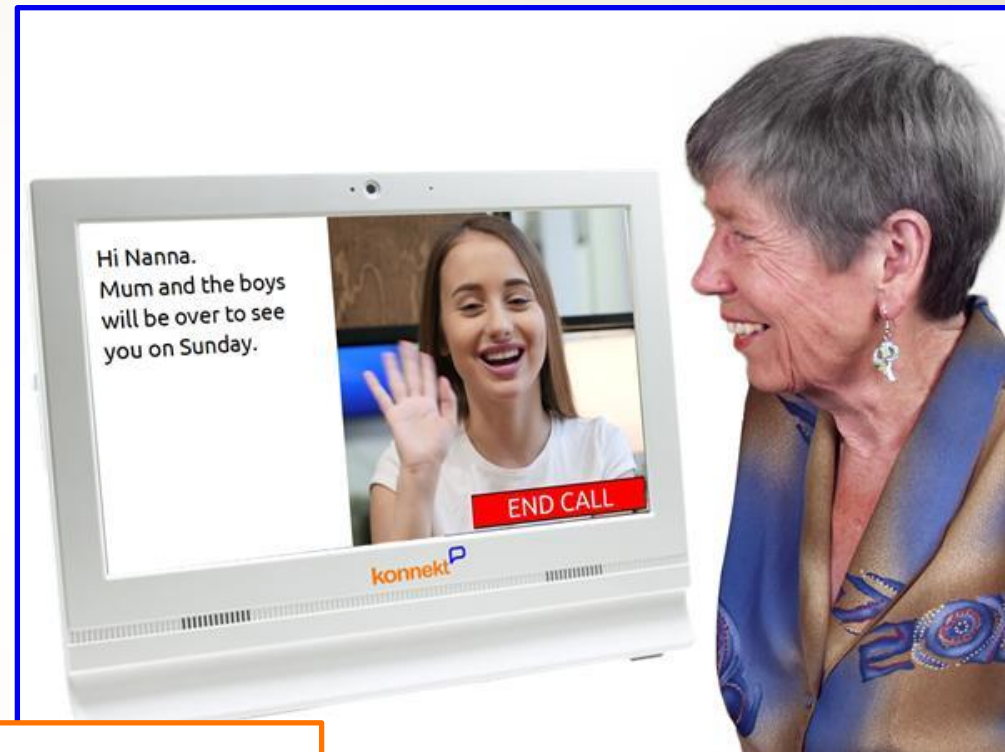
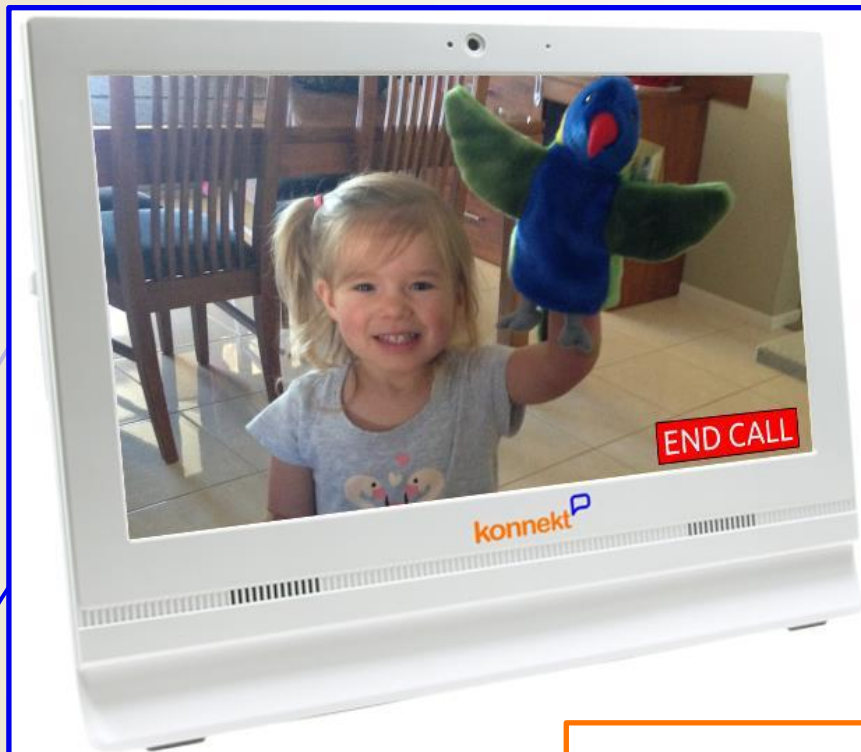
Depression risk

Fall / illness risk

Independence

Auto-answer

Questions?



www.konnekt.com.au

**Konnekt
Videophone**

**Konnekt
Captioning Videophone**