# **#OTalk Transcript**

Healthcare social media transcript of the #OTalk hashtag.

Tue, November 6th 2018, 8:00PM - Tue, November 6th 2018, 9:15PM (Europe/London).

See #OTalk Influencers/Analytics.



13 days ago OTalk @OTalk\_

Welcome to November's #Otalk Research. Tonight we are joined by @lezeki to discuss apps and smart technology in research. @NikkiDanielsOT on the @OTalk\_ account



leisle Ezekiel @lezeki

Looking forward to hearing about peoples experiences and thoughts on apps in research at #OTalk

13 days ago



Bill Wong, OTD, OTR/L @BillWongOT

Happy #otweek2018 everyone! ⊕ № 🛪 🙌 #OTalk

13 days ago



leisle Ezekiel @lezeki

Looking forward to hearing about peoples thoughts and experiences re apps in OT research at #OTalk

13 days ago



Kerri Schubert @kerri\_schOT

Happy Tuesday & Happy 2nd day of #OTWeeek2018 .. here for #otalk ♥ https://t.co/HJ1WEZJMGt

13 days ago



Kerri Schubert @kerri\_schOT

13 days ago



Mark @markstudentOT

@lezeki what luck! It's #otweek2018 and you're on #OTalk!

13 days ago



OTalk @OTalk

So who is joining us this evening? Let's start off with some hellos before we kick off with question 1 #Otalk

13 days ago



Bill Wong, OTD, OTR/L @BillWongOT

RT @kerri\_schOT: Happy Tuesday & Happy 2nd day of #OTWeeek2018 .. here for #otalk 🖤 https://t.co/HJ1WEZJMGt



Mark @markstudentOT

#OTalk https://t.co/zyTdO6IEjr

13 days ago



Amy Stringer @AmyStringerOT

@OTalk\_ I haven't done an #OTalk in over a year now, just logged on randomly not realising it was Tuesday 8pm--perfect timing!!



Dr Lynne Goodacre @LynneGoodacre

Hi everyone great that #Otalk research fall in #OTWeek2018

13 days ago



OT Child (Kat Carruthers) @OT\_Child

Hello everyone #OTalk

13 days ago



OTalk @OTalk

Ok time to kick off. Over to @lezeki for question 1. Don't forget the hashtag folks #Otalk



 13 days ago



leisle Ezekiel @lezeki

13 days ago

First question for #Otalk . What roles do you think apps and smart technology can play in occupational therapy research?



#### Rebecca Crouch, Occupational Therapist @RebeccaCrouch

13 days ago

I'm here! Rotational Band 5 #OT, currently with elders and moving to acute mental health next week. I wrote my masters dissertation on app use, so really excited to participate in tonight's talk. #OTalk



### Bill Wong, OTD, OTR/L @BillWongOT

13 days ago

@kerri\_schOT I am actually doing some number crunching about how I will make #rcot2019 next year. Can't believe it is 7 months away. #otalk



leisle Ezekiel @lezeki

13 days ago

great to hear about your research so far on #otalk



OTalk @OTalk\_

13 days ago

So, question 1. What are your thoughts? #Otalk



### Bill Wong, OTD, OTR/L @BillWongOT

13 days ago

@lezeki They definitely have abilities to track data. Such abilities can not only show the progress patients are making... but also overall effectiveness of interventions. #otalk



OTalk @OTalk\_

13 days ago

@RebeccaCrouch Great news, looking forward to hearing about your experiences #Otalk



### Dr Jenny Preston MBE @preston\_jenny

13 days ago

Hi everyone, I'm here too looking forward to the discussion #OTalk @NikkiDanielsOT



### Catriona Connell @POPPED\_Project

13 days ago

@OTalk\_ Q1 #otalk Experience Sampling Methods...?



Hurya\_Ahmad@ حورية السلطان

13 days ago

RT @OTalk\_: So, question 1. What are your thoughts? #Otalk https://t.co/JN8b5ydiRa



### OT Child (Kat Carruthers) @OT\_Child

13 days ago

@lezeki So much- A way to disseminate research for public consumption, seeking public involvement in research design, research participation and facilitated discussion to use as a support to traditional face to face intervention such as use of video conferencing tech in practice #OTalk



#### Amy Stringer @AmyStringerOT

13 days ago

@lezeki #OTalk perhaps the use of assistive apps like PECS to help children communicate in qualitative research studies



### Rebecca Crouch, Occupational Therapist @RebeccaCrouch

13 days ago

Loads! Recording data, including: - audio (recorded interviews and memos) - text (thoughts and reflections) - visual (photos). #OTalk



### Dr Lynne Goodacre @LynneGoodacre

13 days ago

It such a broad church depending on the app/technology but has the potential to collect real time data as things happen rather than relying on recall or simulation #Otalk

OTalk @OTalk\_

13 days ago

RT @LynneGoodacre: It such a broad church depending on the app/technology but has the potential to collect real time



data as things happen...



13 days ago OTalk @OTalk

RT @RebeccaCrouch: Loads! Recording data, including: - audio (recorded interviews and memos) - text (thoughts and reflections) - visual (ph...



### Bill Wong, OTD, OTR/L @BillWongOT

@lezeki Keyboarding is a great example because it is quantifiable. #otalk

13 days ago



leisle Ezekiel @lezeki

and a way to engage people in research from all over the uk #otalk. Makes research more accessible

13 days ago

13 days ago



Kerri Schubert @kerri\_schOT

@lezeki I think apps could be really useful in getting people involved in participating in research.. quick click on an app can be more appealing then a big long web page #otalk



#### Dr Lynne Goodacre @LynneGoodacre

PECS ???? @AmyStringerOT sounds interesting but not sure what it is #OTalk

13 days ago

13 days ago

13 days ago



#### Bill Wong, OTD, OTR/L @BillWongOT

RT @LynneGoodacre: It such a broad church depending on the app/technology but has the potential to collect real time

data as things happen...



#### Bill Wong, OTD, OTR/L @BillWongOT

RT @RebeccaCrouch: Loads! Recording data, including: - audio (recorded interviews and memos) - text (thoughts and reflections) - visual (ph...



OTalk @OTalk\_

Lots of potential uses #otalk

13 days ago



#### Amy Stringer @AmyStringerOT

@lezeki apps and smart technology as communicative devices to capture the perspectives of those whose voices aren't always heard #OTalk



# OT Child (Kat Carruthers) @OT\_Child

13 days ago



@BillWongOT @lezeki True with the added benefit of technological prompts and convenience for participants to engage in the programme, data logging or intervention even with programmed reminders and push notifications. Adds ownership of care or participation back to the individual #OTalk



# Bill Wong, OTD, OTR/L @BillWongOT

13 days ago

RT @lezeki: and a way to engage people in research from all over the uk #otalk. Makes research more accessible https://t.co/cVdcoYnVT7



### Bill Wong, OTD, OTR/L @BillWongOT

13 days ago

RT @AmyStringerOT: @lezeki apps and smart technology as communicative devices to capture the perspectives of those whose voices aren't alwa...



### OTalk @OTalk

13 days ago

@LynneGoodacre @AmyStringerOT Would like to hear more about this! Sounds interesting #otalk



### leisle Ezekiel @lezeki

13 days ago

potential to revolutionise healthcare #otalk



#### Paul Graham @PaulGrahamOT

13 days ago

RT @OTalk\_: So, question 1. What are your thoughts? #Otalk https://t.co/JN8b5ydiRa



#### Bill Wong, OTD, OTR/L @BillWongOT

13 days ago

RT @OT\_Child: @BillWongOT @lezeki True with the added benefit of technological prompts and convenience for participants to engage in the pr...



Mark @markstudentOT

13 days ago

#OTalk I use an Amazon Alexa Show with an older family member.... it enables her to see what is not easily explained verbally. Inclusivity.



#### Amy Stringer @AmyStringerOT

13 days ago

@LynneGoodacre Ohh sorry! Picture exchange communication! They allow non verbal children to select pictures to communicate rather than words he #OTalk



### OT Child (Kat Carruthers) @OT\_Child

13 days ago

@lezeki Definitely - well if we go down the route of engagement with technology and apps as often being a meaningful occupation to many in itself we go full circle and definitely the remit of OT #OTalk



### leisle Ezekiel @lezeki

13 days ago

So starting to think about research the benefits of apps as interventions? #otalk



#### Bill Wong, OTD, OTR/L @BillWongOT

13 days ago

RT @AmyStringerOT: @LynneGoodacre Ohh sorry! Picture exchange communication! They allow non verbal children to select pictures to communica...



#### Katie Crowfoot @katie\_crowfoot

13 days ago

#otalk the app could be linked with a patients individual timetable where patients could record whether they attended to the routine with before and after mood rating scales. Data could then be populated to ascertain benefits



### Kerri Schubert @kerri\_schOT

13 days ago

 ${\tt RT\ @OTalk\_: @LynneGoodacre\ @AmyStringerOT\ Would\ like\ to\ hear\ more\ about\ this!\ Sounds\ interesting\ \#otalk\ property.}$ 



### Bill Wong, OTD, OTR/L @BillWongOT

13 days ago

@lezeki Or- can Goniometer apps replace the such things altogether. #otalk



#### leisle Ezekiel @lezeki

13 days ago

I would love to replace goniometers! #OTalk



#### OTalk @OTalk\_

13 days ago

RT @lezeki: So starting to think about research the benefits of apps as interventions? #otalk https://t.co/edg4NKD21R



# OTalk @OTalk\_

13 days ago

RT @markstudentOT: #OTalk I use an Amazon Alexa Show with an older family member.... it enables her to see what is not easily explained ver...



# leisle Ezekiel @lezeki

13 days ago

lovely research at @MOReS\_OBU collating experiences of rehab after TBI with a purpose built app.#OTalk



# **Dr Lynne Goodacre** @LynneGoodacre

13 days ago

I've never done this but I'm thinking if the intervention is being delivered by different people in different places it removes error as everything is pretty standardised? #OTalk

Samantha Pywell @smileyfacehalo



#UCLanOT @UCLanOT it's time to #OTalk !!



#### Bill Wong, OTD, OTR/L @BillWongOT

13 days ago

RT @lezeki: lovely research at @MOReS\_OBU collating experiences of rehab after TBI with a purpose built app.#OTalk https://t.co/UILdySIhke

### OT Child (Kat Carruthers) @OT\_Child

13 days ago

@lezeki There are apps being developed as part of research projects and interventions in the NICU. From a brief lit review, there are also a number of apps being created to allow access to info that the general public has - in one case child development but for preterm infants #OTalk



leisle Ezekiel @lezeki

13 days ago

So many great ideas here at #otalk.



### Bill Wong, OTD, OTR/L @BillWongOT

13 days ago

RT @OT\_Child: @lezeki There are apps being developed as part of research projects and interventions in the NICU. From a brief lit review, t...



OTalk @OTalk\_

13 days ago

#otalk We've definitely uncovered lots of uses for smart technology in research. Learning lots tonight!



#### Dr Lynne Goodacre @LynneGoodacre

13 days ago

Sorry but again we not all be sure what TBI is #OTalk



#### Catriona Connell @POPPED\_Project

13 days ago

if geographical location matters, link to the gps function #otalk



### Rebecca Crouch, Occupational Therapist @RebeccaCrouch

13 days ago

Loads. I interviewed 7 OTs for my research across Community & Inpatient Neurological, Vocational, Paediatric & Adult Social Care settings. They used a variety of apps, including in-built apps & paid-for apps. The apps were valuable tools to support practice & intervention #OTalk



leisle Ezekiel @lezeki

13 days ago

sorry traumatic brain injury . #OTalk



### Bill Wong, OTD, OTR/L @BillWongOT

13 days ago

@LynneGoodacre In the US- we call it traumatic brain injury. #otalk



#### Bill Wong, OTD, OTR/L @BillWongOT

13 days ago

RT @RebeccaCrouch: Loads. I interviewed 7 OTs for my research across Community & Inpatient Neurological, Vocational, Paediatric & Adult Soc...



#### leisle Ezekiel @lezeki

13 days ago

Might be some overlap but here is Qu 2 #Otalk. What do you think the benefits are of using apps and smart tech in occupational therapy research?



OTalk @OTalk\_

13 days ago

So, we covered lots in question 1; Here's question 2 #Otalk



#### Dr Lynne Goodacre @LynneGoodacre

13 days ag

There was a great project in rheumatology using an app to get people to collecting data on the relationship between pain & the weather each day #Otalk

Amy Stringer @AmyStringerOT



@RebeccaCrouch Would love to hear more about what kinds of apps OTs were using across those settings! :) great work #OTalk



Kerri Schubert @kerri\_schOT

13 days ago

@katie\_crowfoot this is such a good idea! i work on a neuro rehab unit and each patient has a timetable & we often rate their mood/relaxation before & after sessions .. but it's all paper based at the moment #otalk



Karen Scorer @KarenScorerOT

13 days ago

RT @OTalk\_: #otalk We've definitely uncovered lots of uses for smart technology in research. Learning lots tonight!



Bill Wong, OTD, OTR/L @BillWongOT

13 days ago

@lezeki If it is stored in the app, then it will be less likely to have recording error. #otalk



Kerri Schubert @kerri\_schOT

13 days ago

RT @katie\_crowfoot: #otalk the app could be linked with a patients individual timetable where patients could record whether they attended t...



OTalk @OTalk\_

13 days ago

Why should we use apps in research? What are the benefits? Asks @lezeki #Otalk



leisle Ezekiel @lezeki

13 days ago

Yes its those daily situational factors that apps have potential to capture #OTalk



Jacki Liddle @jacki\_liddle

13 days ago

@lezeki We have done research using apps for passively monitoring geolocation to measure lifespace (geographic space in which we live and conduct activities) #otalk



OTalk @OTalk\_

13 days ago

Great way to collect data! #Otalk



Amy Stringer @AmyStringerOT

13 days ago

#OTalk apps and technology can make processes much more efficient-saves time and money!



Cara Lawrence @caralawrence

13 days ago

@lezeki All for it if it helps service users or staff! However tech is not for everyone #otalk



OTalk @OTalk

13 days ago

Will be great to hear about what is being used #Otalk



Kerri Schubert @kerri\_schOT

13 days ago

RT @AmyStringerOT: @RebeccaCrouch Would love to hear more about what kinds of apps OTs were using across those settings! :) great work #OTa...



Katie Crowfoot @katie\_crowfoot

13 days ago

#otalk absolutely @kerri\_schOT we do to @LPTnhs ... wouldn't it be wonderful to have something that would really support our patients but equally give us some quality data to work with to justify the work we do on a daily basis.



Jacki Liddle @jacki\_liddle

13 days ago

@lezeki Also actively entering participation through time use diaries and experience sampling surveys #otalk



Dr Lynne Goodacre @LynneGoodacre

13 days ago

A lot of people are now v familiar with using apps/ smart technologies so easy for people to use #Otalk and not necessarily requiring a lot of new costly equipment



#### leisle Ezekiel @lezeki

13 days ago

sounds really interesting. I want to jump to ethics but will get to that in a later question! #OTalk



#### Catriona Connell @POPPED\_Project

13 days ago

RT @jacki\_liddle: @lezeki We have done research using apps for passively monitoring geolocation to measure lifespace (geographic space in w...



### Dr Jenny Preston MBE @preston\_jenny

13 days ago

Might it be about accessibility, standardisation of data collection and research processes, and real time data collection? Probably also something about the facility for inbuilt prompts, recognising how difficult it can be sometimes with research tools such as diaries #OTalk



OTalk @OTalk\_

13 days ago

Definitely a benefit #Otalk



#### Amy Stringer @AmyStringerOT

13 days ago

#OTalk If the apps are user friendly and accommodative for people of all ages, stages and abilities, it makes for more inclusive research, which is the aim of the game!



#### Jacki Liddle @jacki\_liddle

13 days ago

@lezeki Need to consider privacy/data security/ easy ways to opt out/ accessibility and making sure people can access their own data #OTalk



### Kerri Schubert @kerri\_schOT

13 days ago

RT @LynneGoodacre: A lot of people are now v familiar with using apps/ smart technologies so easy for people to use #Otalk and not necessar...



#### OT Child (Kat Carruthers) @OT\_Child

13 days ago

@caralawrence @lezeki This is my concern. I'm very pro-tech and want to use it in my own research but also concerned about people who may not have access to devices or may choose not to or it isn't meaningful to them. Is it a certain demographic we would be capturing for participation #OTalk



# Cara Lawrence @caralawrence

13 days ago

@LynneGoodacre Also lots of people are never without there phone which helps if it's being used as memory aid #otalk



#### leisle Ezekiel @lezeki

13 days ago

really important point to remember inclusivity of resesarch methods #OTalk



## OTalk @OTalk\_

13 days ago

Lots of potential benefits here!#Otalk



## Bill Wong, OTD, OTR/L @BillWongOT

13 days ago

RT @jacki\_liddle: @lezeki Also actively entering participation through time use diaries and experience sampling surveys #otalk



# Georgie @Georgie82712446

13 days ago

RT @preston\_jenny: Might it be about accessibility, standardisation of data collection and research processes, and real time data collectio...



# Bill Wong, OTD, OTR/L @ BillWongOT

13 days ago

 $RT\ @AmyStringerOT: \#OTalk\ apps\ and\ technology\ can\ make\ processes\ much\ more\ efficient-saves\ time\ and\ money!$ 



# Bill Wong, OTD, OTR/L @BillWongOT

13 days ago

RT @AmyStringerOT: #OTalk If the apps are user friendly and accommodative for people of all ages, stages and abilities, it makes for more i...



#### Bill Wong, OTD, OTR/L @BillWongOT

13 days ago

RT @jacki\_liddle: @lezeki Need to consider privacy/data security/ easy ways to opt out/ accessibility and making sure people can access the...



### Kerri Schubert @kerri\_schOT

13 days ago

@lezeki it keeps all the data together and helps with the NHS push towards being paperless! #Otalk



#### Cara Lawrence @caralawrence

13 days ago

@AmyStringerOT Apps often have a free trial or are free which helps people know if it is useful! #otalk



#### Dr Lynne Goodacre @LynneGoodacre

13 days ago

I'm wondering if this is becoming less the case now? #Otalk



### Kerri Schubert @kerri\_schOT

13 days ago

RT @BillWongOT: @lezeki If it is stored in the app, then it will be less likely to have recording error. #otalk



#### Kerri Schubert @kerri\_schOT

13 days ago

RT @AmyStringerOT: #OTalk If the apps are user friendly and accommodative for people of all ages, stages and abilities, it makes for more i...



### Bill Wong, OTD, OTR/L @BillWongOT

13 days ago

RT @caralawrence: @AmyStringerOT Apps often have a free trial or are free which helps people know if it is useful! #otalk



# leisle Ezekiel @lezeki

13 days ago

I agree, although the demographic is changing #OTalk



### Amy Stringer @AmyStringerOT

13 days ago

@katie\_crowfoot @kerri\_schOT @LPTnhs I really like this! Through incorporating the use of apps into what we already do in clinical practice, it can help facilitate the link from practice to research more efficiently #OTalk



### Rebecca Crouch, Occupational Therapist @RebeccaCrouch

13 days ago

If you are using one specific device (e.g a phone or tablet), your research/data could all be in one place, whether its recording data, disseminating information or tracking data. The danger is separating yourself from your work/maintaining #occupationalbalance #OTalk



OTalk @OTalk\_

13 days ago

Good point. Potentially some limitations to overcome too? Think we might be exploring these further in our next question! #Otalk



#### Kerri Schubert @kerri\_schOT

13 days ago

@katie\_crowfoot @LPTnhs I think for where I work as well, pt's are familiar with ipads etc as they are often used as part of therapy so it would link in nicely #otalk



### Bill Wong, OTD, OTR/L @BillWongOT

13 days ago

RT @AmyStringerOT: @katie\_crowfoot @kerri\_schOT @LPTnhs I really like this! Through incorporating the use of apps into what we already do i...



#### Bill Wong, OTD, OTR/L @BillWongOT

13 days ago

RT @RebeccaCrouch: If you are using one specific device (e.g a phone or tablet), your research/data could all be in one place, whether its...

Chloe Hague <a>\$ @ChloeHagueOT</a>



@lezeki Environmentally friendly as less paperwork and easier to collect real time data #OTalk



Jacki Liddle @jacki liddle

13 days ago

@LynneGoodacre Can be less stigmatised that using "medical" equipment especially during community lives #OTalk



### Amy Stringer @AmyStringerOT

13 days ago

@jacki\_liddle @lezeki Another key aspect is considering how we can encourage routine use of these apps as tools, having them is one thing, but using them daily is another ballgame! Great potential though, love it :) #OTalk



OTalk @OTalk\_ Working smarter! #OTalk 13 days ago



#### Cara Lawrence @caralawrence

13 days ago

@OT\_Child @lezeki In a trial I helped recruit for they could provide a computer for the trial for computer memory training! But this then might mean they need training how to use it first #otalk



#### Bill Wong, OTD, OTR/L @BillWongOT

13 days ago

@RebeccaCrouch And another danger is that if you misplace it in a public place, you never know about where the data will end up. Heard about such instances when researchers left USB drives in public places. #otalk



#### leisle Ezekiel @lezeki

13 days ago

Its great to see so many different perspectives on apps here at #Otalk . Definitely making me think!



#### Dr Lynne Goodacre @LynneGoodacre

13 days ago

Does it make analysis easier, ie less inputting of data into analysis software, I'm not sure? #Otalk



### Cara Lawrence @caralawrence

13 days ago

@RebeccaCrouch I have recently got mind view software which I feel would be helpful for recording thoughts #otalk



#### OT Child (Kat Carruthers) @OT\_Child

13 days ago

@LynneGoodacre I agree and the benefits outweigh the negatives. It may be the case that ideally a research team has central devices that would allow pp to engage if they were unable to gain access to tech for whatever reason (thinking of some vulnerable groups) to reduce the issue #OTalk



### Rebecca Crouch, Occupational Therapist @RebeccaCrouch

13 days ago

@caralawrence Sounds great. Is that on your phone? #OTalk



#### Bill Wong, OTD, OTR/L @BillWongOT

13 days ago

RT @OT\_Child: @LynneGoodacre I agree and the benefits outweigh the negatives. It may be the case that ideally a research team has central d...



#### Jacki Liddle @jacki\_liddle

13 days ago

@OT\_Child @caralawrence @lezeki In our research we ended up providing devices to enable access for all willing (also support for use and designed with input from end users). Also meant we could provide data and not use up battery life or cause costs for participants #OTalk



### Kerri Schubert @kerri\_schOT

13 days ago

@RebeccaCrouch @BillWongOT such a good point.. could be hard to keep work at work if it's in your pocket! #otalk



## Cara Lawrence @caralawrence

13 days ago

@RebeccaCrouch I think you can get it on phone but I have it on my laptop! It's a mind map but then can turn into a word document! #otalk

Lanelle Jansen van Vuuren @Lanellejvv



Joining my first #OTalk slightly late but excited to find out more about apps in research! I've done some research in the past into apps in cognitive intervention and treatment but haven't really considered their place in research!



Kerri Schubert @kerri\_schOT information governance breeches! #otalk

13 days ago



# Hurya\_Ahmad@ حورية السلطان

13 days ago



@lezeki It can be of great use when it comes to a public health promotion model. When particularly looking at prevention ! A great example is the Ulcer Prevention App developed at USC . Principal investigator: Jesús Díaz #OTalk https://t.co/vLKb9G3KOu



#### leisle Ezekiel @lezeki

13 days ago

Probably have lots of data points if collecting through the day. Can you too many data points? #Otalk



#### Dr Lynne Goodacre @LynneGoodacre

13 days ago

I am also thinking of last months #Otalk research on photo elicitation, we all carry cameras around with us now so this kind of method becomes more accessible



### Bill Wong, OTD, OTR/L @BillWongOT

13 days ago

RT @Hurya\_Ahmad: @lezeki It can be of great use when it comes to a public health promotion model. When particularly looking at prevention !...



### Bill Wong, OTD, OTR/L @BillWongOT

13 days ago

RT @Lanellejvv: Joining my first #OTalk slightly late but excited to find out more about apps in research! I've done some research in the p...



#### Bill Wong, OTD, OTR/L @BillWongOT

13 days ago

RT @jacki\_liddle: @OT\_Child @caralawrence @lezeki In our research we ended up providing devices to enable access for all willing (also supp...



#### leisle Ezekiel @lezeki

13 days ago

Starting to answer Qu 3 #Otalk. What do you consider the barriers or risks of using apps and smart tech in research?



## Hurya\_Ahmad@ حورية السلطان

13 days ago

@lezeki It provides an inclusive environment, where adaptations and modifications can be easily tailored for the user. It also opens up the door for engaging young adults into research #OTalk



Catriona Connell @POPPED\_Project #otalk on apps in research @OTBeth131

13 days ago



### Rebecca Crouch, Occupational Therapist @RebeccaCrouch

13 days ago

@AmyStringerOT Thanks Amy. All kinds of apps were being used for rehabilitation, compensatory strategies & to support communication. #OTalk



# Catriona Connell @POPPED\_Project

13 days ago

RT @lezeki: Starting to answer Qu 3 #Otalk. What do you consider the barriers or risks of using apps and smart tech in research?



### Dr Jenny Preston MBE @preston\_jenny

13 days ago

 $@kerri\_schOT\ I\ had\ an\ interesting\ conversation\ with\ our\ IT\ Dept\ re\ use\ of\ work\ issued\ iPhone\ for\ recording\ research\ interviews\ as\ apparently\ that's\ not\ what\ it\ was\ provided\ for!\ \#Otalk$ 



# Bill Wong, OTD, OTR/L @ BillWongOT

13 days ago

@lezeki What if the devices are stolen? Sometimes that's the risk when conducting such research in rough neighborhoods. #otalk



OTalk @OTalk\_

Already some risks identified. Any other thoughts? Here's Q3. #Otalk

13 days ago



Bill Wong, OTD, OTR/L @BillWongOT

@lezeki And in this day and age... what if the apps are hacked/corrupted by hackers? #otalk

13 days ago

13 days ago



Rebecca Crouch, Occupational Therapist @RebeccaCrouch

@AmyStringerOT If your interested in reading more about apps being used in practice I recommend these: - Buckle C (2016) Keeping up with technology. OTnews, October, 24 (10) - Erickson K (2017) App-based mobile devices in the occupational therapy process. OT Practice, September, 22 (17) #OTalk



Cara Lawrence @caralawrence

@lezeki People not knowing how things work and dropping out! #otalk

13 days ago

13 days ago



Dr Jenny Preston MBE @preston\_jenny

@lezeki Surely this comes down to the purpose of the research and what is actually being collected. Just because it is easier to collect data does not mean that we should collect it, this must be dependent on the research question and the methodology #OTalk



leisle Ezekiel @lezeki

It's a minefield understanding IT perspectives #Otalk

13 days ago

13 days ago



Catriona Connell @POPPED\_Project

RT @POPPED\_Project: Systematic review of apps for mood monitoring by the fab @m\_dubad #otalk @otalk https://t.co/9OZvPHxHmj



OTalk @OTalk

#OTalk

Some post chat reading! Thanks @RebeccaCrouch #Otalk

13 days ago

13 days ago



Amy Stringer @AmyStringerOT

#OTalk knowing that, for instance, a questionnaire can be done virtually on an app whenever suits the participant can make it a lot easier to procrastinate completion vs in-person you have an allocated time slot to complete and submit



Chloe Hague 🌷 @ChloeHagueOT

13 days ago

@OTalk\_ Not everyone is keen on using technology or knows how to use it. In research this may contribute towards inaccurate results #OTalk



Bill Wong, OTD, OTR/L @BillWongOT

13 days ago

RT @AmyStringerOT: #OTalk knowing that, for instance, a questionnaire can be done virtually on an app whenever suits the participant can ma...



OTalk @OTalk

13 days ago

RT @preston\_jenny: @lezeki Surely this comes down to the purpose of the research and what is actually being collected. Just because it is...



Cara Lawrence @caralawrence

13 days ago

@preston\_jenny @kerri\_schOT We have also been told we are not to show apps on our iPhone that has been provided by work #otalk #frustrating



Carolina Cordero / @colourful\_ot

13 days ago

@lezeki In general my attitude towards any kind of data-collecting tech is that the technology itself is great but we should be wary about who's doing the collection - in terms of research I would just be careful about using apps developed by any for-profit companies #OTalk



#### Amy Stringer @AmyStringerOT

13 days ago

RT @RebeccaCrouch: @AmyStringerOT If your interested in reading more about apps being used in practice I recommend these: - Buckle C (2016...



#### Bill Wong, OTD, OTR/L @BillWongOT

13 days ago

RT @ChloeHagueOT: @OTalk\_ Not everyone is keen on using technology or knows how to use it. In research this may contribute towards inaccura...



#### OT Child (Kat Carruthers) @OT\_Child

13 days ago

Depending on the study and app design, missing all the latent information and cues that can be incredibly informative and the ability to be reactive but this is true of many research methods and the qualitative vs quantitative debate so not specific to app usage #OTalk



### Bill Wong, OTD, OTR/L @BillWongOT

13 days ago

@ChloeHagueOT @OTalk\_ And another one- depending on the population research, will be language barrier. #otalk



### Kerri Schubert @kerri\_schOT

13 days ago

RT @ChloeHagueOT: @OTalk\_ Not everyone is keen on using technology or knows how to use it. In research this may contribute towards inaccura...



### Rebecca Crouch, Occupational Therapist @RebeccaCrouch

13 days ago

@OTalk\_ My pleasure. Hope it's not too out of date. My research project was completed last year. I'm sure (hope) there's been loads of great stuff published since! #OTalk



#### Amy Stringer @AmyStringerOT

13 days ago

@RebeccaCrouch Amazing!! Thanks so much for the helpful signposting #OTalk

#### leisle Ezekiel @lezeki

13 days ago

Yes but it is easy to be seduced by all the potential data that is relevant to the research but just isn't manageable. Especially when starting out in research #OTalk



#### Bill Wong, OTD, OTR/L @BillWongOT

13 days ago

RT @colourful\_ot: @lezeki In general my attitude towards any kind of data-collecting tech is that the technology itself is great but we sho...



### Dr Jenny Preston MBE @preston\_jenny

13 days ago

@caralawrence @kerri\_schOT Glad its not just me 😃 #OTalk



#### Catriona Connell @POPPED\_Project

13 days ago

RT @caralawrence: @preston\_jenny @kerri\_schOT We have also been told we are not to show apps on our iPhone that has been provided by work #...



#### Rebecca Crouch, Occupational Therapist @RebeccaCrouch

13 days ago

@AmyStringerOT My pleasure. Let me know if you have any difficulty finding them. #OTalk



# Bill Wong, OTD, OTR/L @ BillWongOT

13 days ago

RT @OT\_Child: Depending on the study and app design, missing all the latent information and cues that can be incredibly informative and the...



# OT Child (Kat Carruthers) $@OT\_Child$

13 days ago

Also same issue as any online or remote research - difficulty ensuring that it is the actual participant themselves inputting the information or engaging #OTalk

Katie Crowfoot @katie\_crowfoot



Would this take away the person centred approach and clinical reasoning we have as #OccupationalTherapists?? There is something about the basic responses we get and how we use our skills to explore the responses in greater details #otalk



#### Bill Wong, OTD, OTR/L @BillWongOT

13 days ago

RT @OT\_Child: Also same issue as any online or remote research - difficulty ensuring that it is the actual participant themselves inputting...



#### Dr Lynne Goodacre @LynneGoodacre

13 days ago

This is a difficult one because lots of apps are developed in collaboration with for profit companies as we need their skills and expertise. It would be hard to do this without their input and collaboration #OTalk



### Catriona Connell @POPPED\_Project

13 days ago

@OT\_Child could be same with postal surveys though #otalk



### Bill Wong, OTD, OTR/L @BillWongOT

13 days ago

RT @katie\_crowfoot: Would this take away the person centred approach and clinical reasoning we have as #OccupationalTherapists?? There is s...



#### leisle Ezekiel @lezeki

13 days ago

We need to understand the theory and evidence base supporting any app we use. As well as think about the quality of the data collected #OTalk



#### Bill Wong, OTD, OTR/L @BillWongOT

13 days ago

RT @LynneGoodacre: This is a difficult one because lots of apps are developed in collaboration with for profit companies as we need their s...



#### Jacki Liddle @jacki\_liddle

13 days ago

@OT\_Child This has been our experience - that we need to find ways (perhaps also app based?) to supplement passively collected data to check for meaning - our discussion in relation to lifespace here: https://t.co/7eR6TQB5B2



### Dr Jenny Preston MBE @preston\_jenny

13 days ago

@lezeki True @lezeki but that is part of the research training isn't it #OTalk



#### Robyn Stiger @RobynStiger

13 days ago

@lezeki Helps collaboration between patients and clinicians #otalk



### Bill Wong, OTD, OTR/L @BillWongOT

13 days ago

@LynneGoodacre True- unless a university has the means to develop their apps internally through multidisciplinary collaboration. #otalk



### Catriona Connell @POPPED\_Project

13 days ago

@katie\_crowfoot when you don't want the researcher to influence the data it would help. less if you are using social constructive philosophy to interview though #otalk



### Bill Wong, OTD, OTR/L @BillWongOT

13 days ago

RT @POPPED\_Project: @katie\_crowfoot when you don't want the researcher to influence the data it would help. less if you are using social co...



### Bill Wong, OTD, OTR/L @BillWongOT

13 days ago

 ${\sf RT\ @RobynStiger:\ @lezeki\ Helps\ collaboration\ between\ patients\ and\ clinicians\ \#otalk}$ 

### Cara Lawrence @caralawrence

13 days ago

 $@katie\_crowfoot \ I \ can \ see \ the \ pros \ of \ both! \ I \ know \ myself \ working \ etc \ would \ more \ likely \ fill \ in \ a \ survey \ online \ than \ meet$ 



with someone. Therefore may be useful in research and can imagine some clinical settings. But agree the need for person centred approach #otalk



### Jacki Liddle @jacki\_liddle

13 days ago



@colourful\_ot @lezeki I think it is important that OTs develop technology literacy so we understand how technology we use and recommend works- where the data goes and who owns it. For eg smart speakers, speech to text etc. We need to explain well enough that informed consent possible #OTalk



#### leisle Ezekiel @lezeki

13 days ago

Touched on this earlier. Qu 4 #Otalk . What ethical considerations do we need to be aware of and overcome to use this tech in research?



#### Bill Wong, OTD, OTR/L @BillWongOT

13 days ago

RT @caralawrence: @katie\_crowfoot I can see the pros of both! I know myself working etc would more likely fill in a survey online than meet...



### Amy Stringer @AmyStringerOT

13 days ago

@katie\_crowfoot Definitely! Think it depends on the type of research and the question-whether it's qualitative or quantitative. Though comprehensive understanding of clients experiences is what I value too as an OT and researcher :) #OTalk



### Bill Wong, OTD, OTR/L @BillWongOT

13 days ago

@jacki\_liddle @colourful\_ot @lezeki We need in-services, or placement students to bring in such new knowledge in certain settings. #otalk



#### OTalk @OTalk\_

13 days ago

Can you believe we are hurtling towards the last 10 mins. Here is Q4. Ethics!! #Otalk



### Dr Lynne Goodacre @LynneGoodacre

13 days ago

Maybe but I just think we need to overcome this often negative bias towards for profit companies. it does not serve us well and is opposed to all the focus on collaboration between health, academia and industry #OTalk



#### leisle Ezekiel @lezeki

13 days ago

Absolutely. I have been learning from fellow researchers but also from colleagues within the app developer world. It can be a minefield #OTalk



### Dr Jenny Preston MBE @preston\_jenny

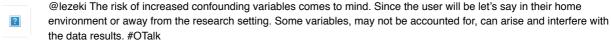
13 days ago

Can you explain this a little further please @RobynStiger, I'm on the fence with this one so keen to hear your perspective, thank you #OTalk



### Hurya\_Ahmad حورية السلطان

13 days ago





### Rebecca Crouch, Occupational Therapist @RebeccaCrouch

13 days ago

@katie\_crowfoot Yes, your right. However, what if it was in another context? e.g. your using a app to disseminate and collect data from a questionnaire for practicing #occupationaltherapists? #OTalk



#### Jacki Liddle @jacki\_liddle

13 days ago

@colourful\_ot @lezeki Developers can focus on what is possible rather than what is necessarily ethical - co-design can help getting people to consider. We also worked on some broad guidelines of considering ethics with smartphone based approaches: https://t.co/pLKaEF29vg #OTalk

Cara Lawrence @caralawrence

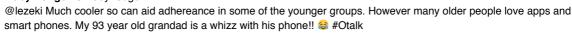


@BillWongOT @jacki\_liddle @colourful\_ot @lezeki And refreshers its ok to be a novice in an area that you are not aware of yet #otalk



#### Robyn Stiger @RobynStiger

13 days ago





#### Catriona Connell @POPPED\_Project

13 days ago

RT @jacki\_liddle: @colourful\_ot @lezeki Developers can focus on what is possible rather than what is necessarily ethical - co-design can he...



#### Dr Lynne Goodacre @LynneGoodacre

13 days ago

Agree but can also reduce inter/ intra observer error, effects of environments etc #Otalk so swings and roundabouts



#### Izzie LR @OTizzie

13 days ago

Could data protection ever be a problem? Depending on the device used if collecting data for multiple patients within a healthcare setting #OTalk



#### Jacki Liddle @jacki\_liddle

13 days ago

@Hurya\_Ahmad @lezeki Home environments could also mean the findings are MORE valid for considering everyday lives than the clinical/research environment though #OTalk



leisle Ezekiel @lezeki

Great link . thank you #OTalk

13 days ago



#### Bill Wong, OTD, OTR/L @BillWongOT

13 days ago

RT @RobynStiger: @lezeki Much cooler so can aid adhereance in some of the younger groups. However many older people love apps and smart pho...



# Rebecca Crouch, Occupational Therapist @RebeccaCrouch

13 days ago

@lezeki Agreed! A lot of thought needs to go into the technology your using, either for your self or for your patients. There is potentially a lot of risk if you pick the wrong app! #OTalk



OTalk @OTalk

13 days ago

Some more reading for later! Thanks @jacki\_liddle #Otalk



### Kerri Schubert @kerri\_schOT

13 days ago

@lezeki information governance issues, getting informed consent from people using the app etc, making sure service users understand how to use apps #otalk



### OT Child (Kat Carruthers) @OT\_Child

13 days ago

@lezeki Depending on the method for comparison e.g. a semi structured interview - if the participant becomes affected you can pause, give reassurance and in some cases terminate the research if it is causing distress. It may be harder to monitor wellbeing of pp and duty of care #OTalk



#### Cara Lawrence @caralawrence

13 days ago

@OTalk\_ Can people access it? We have discussed earlier that hardware could be loaned #otalk



#### Jacki Liddle @jacki\_liddle

13 days ago

@BillWongOT @LynneGoodacre Actually keeping an app going with the changes to operating systems etc takes money/time in an ongoing way and this often doesn't fit with how research is funded. so this also a consideration #OTalk

#### Bill Wong, OTD, OTR/L @BillWongOT

13 days ago

RT @kerri\_schOT: @lezeki information governance issues, getting informed consent from people using the app etc,



making sure service users u...



### Bill Wong, OTD, OTR/L @BillWongOT

13 days ago



RT @OT\_Child: @lezeki Depending on the method for comparison e.g. a semi structured interview - if the participant becomes affected you can...



#### Amy Stringer @AmyStringerOT

13 days ago

#OTalk once data is collected ensuring our devices and the apps/logins themselves have adequate password protection. If unsure if something is secure checking with an IT person who can advise.



leisle Ezekiel @lezeki

13 days ago

Absolutely especially with different operating systems #Otalk



leisle Ezekiel @lezeki

13 days ago

Final question on #Otalk . How can we improve or advance the use of apps and tech in occupational therapy research?



OTalk @OTalk

13 days ago

Practical as well as ethical considerations #Otalk



#### Bill Wong, OTD, OTR/L @BillWongOT

13 days ago

RT @jacki\_liddle: @BillWongOT @LynneGoodacre Actually keeping an app going with the changes to operating systems etc takes money/time in an...



#### Bill Wong, OTD, OTR/L @BillWongOT

13 days ago

RT @AmyStringerOT: #OTalk once data is collected ensuring our devices and the apps/logins themselves have adequate password protection. If...



OTalk @OTalk\_

13 days ago

Here go with our last question of night #Otalk What do we need to do to advance this practice in OT Research?



# Catriona Connell @POPPED\_Project

13 days ago

RT @lezeki: Final question on #Otalk . How can we improve or advance the use of apps and tech in occupational therapy research?



# Robyn Stiger @RobynStiger

13 days ago

@preston\_jenny E.g There is a big trial in CF looking at drug adherence. It's helped improve the adherence of nebs massively because the patients get feedback and incentives and they know the MDT can see what they are up to. #otalk plenty of examples of this with exercise apps too



### Catriona Connell @POPPED\_Project

13 days ago

@lezeki collaboration - cant know everything! #otalk



OTalk @OTalk\_

13 days ago

#otalk In to our last 5 minutes of tonight chat. It's been a fast one tonight!



## CGoulden @CGoulden93

13 days ago

@RebeccaCrouch @AmyStringerOT Brilliant! It has been great to look over this discussion, I haven't much input as I am yet to go on placement but this is something I will definitely keep in mind for the future! Thank you for providing the information. #OTalk #Mscstudent #occupationaltherapy



#### Rebecca Crouch, Occupational Therapist @RebeccaCrouch

13 days ago

@jacki\_liddle @colourful\_ot @lezeki There are some OT teams who are, however, you have to remember app use in practice is still very new territory. This literature is in it's infancy. If you're interested about this, I recommended some

reading earlier. I tag you in it. #OTalk



#### leisle Ezekiel @lezeki

13 days ago

Yes and we need to be clear on exactly what data the phone/app is collecting. #OTalk



#### Jacki Liddle @jacki\_liddle

13 days ago

@BillWongOT @LynneGoodacre Because people are so keen to make apps - but no infrastructure to keep supporting it - have heard it likened to the "olden days";) trend for CD-ROMs which are now unusable! Important to also make information accessible in other forms (including low and no tech!) #OTalk



#### Cara Lawrence @caralawrence

13 days ago

@lezeki Poor connections in the rural world! #otalk #whatis4g and poor broadband



### Amy Stringer @AmyStringerOT

13 days ago

#OTalk learning from other allied health professions who have also incorporated app use into their professions research base ... Learn from physio research, nursing research, psychology research ect. ..!



### Dr Lynne Goodacre @LynneGoodacre

13 days ago

You're doing a great job by leading this discussion @lezeki the importance of people using apps and tech sharing their experiences, publishing research and presenting not just data but methodological papers #OTalk



#### OTalk @OTalk\_

13 days ago

Any final thoughts on what next? #OTalk



#### Bill Wong, OTD, OTR/L @BillWongOT

13 days ago

RT @CGoulden93: @RebeccaCrouch @AmyStringerOT Brilliant! It has been great to look over this discussion, I haven't much input as I am yet t...



#### leisle Ezekiel @lezeki

13 days ago

Definitely. I struggle with that as an OT researcher - because we bridge so may different areas of knowledge. #Otalk



### OTalk @OTalk\_

13 days ago

RT @LynneGoodacre: You're doing a great job by leading this discussion @lezeki the importance of people using apps and tech sharing their e...



# Bill Wong, OTD, OTR/L @BillWongOT

13 days ago

RT @AmyStringerOT: #OTalk learning from other allied health professions who have also incorporated app use into their professions research...



#### Kirsty @kirstyOT

13 days ago

RT @hooper\_ek: During #OTweek2018 why not join @lezeki and the #OTalk Research team this Tuesday evening 8-9 pm. The topic this month is Ap...



#### leisle Ezekiel @lezeki

13 days ago

Definately. I struggle with that as an OT researcher because we bridge so many areas of knowledge. #OTalk



# Hurya\_Ahmad حورية السلطان

13 days ago

@jacki\_liddle @lezeki Great point Jacki !! Definitely food for thought. Balancing all these research/statistical considerations within a home environment is #GOALS #OTalk



# OTalk @OTalk\_

13 days ago

@CGoulden93 @RebeccaCrouch @AmyStringerOT Glad you found it useful! #Otalk

### Dr Jenny Preston MBE @preston\_jenny

13 days ago

Thank you @RobynStiger, that's helpful though I'm not sure that I would describe this as collaboration as it seems to be



more to do with monitoring and adherence. Interesting #OTalk



Jacki Liddle @jacki\_liddle

13 days ago

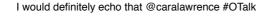


@RebeccaCrouch @colourful\_ot @lezeki Thanks - I do work/research in this field too. But I also see lots of OTs recommending or using technology that they do not realise is always "listening" or that sends data to overseas locations and is owned by a company. #OTalk



Dr Jenny Preston MBE @preston\_jenny

13 days ago





Jacki Liddle @jacki\_liddle

13 days ago

@RebeccaCrouch @colourful\_ot @lezeki Clients may be happy with this - as often this technology can be very usable and supported - but they need to be informed so they can consider the trade off and make an informed decision #OTalk



OTalk @OTalk\_

13 days ago

Well folks, that's 9pm and the end of tonight's chat. Please do keep the communication going - sounds like we have a lot to take forward. A very informative and critical discussion #otalk



# Rebecca Crouch, Occupational Therapist @RebeccaCrouch

13 days ago

@jacki\_liddle @colourful\_ot @lezeki This is worrying. It's why picking the right app is so important ~ One that's safe & reliable & made by trusted developers. #OTalk



Jacki Liddle @jacki\_liddle

13 days ago

Have to head off to work now - but will check in on #OTalk later! Very interesting topic



OTalk @OTalk\_

13 days ago

Thank you very much to tonight's host @lezeki for leading a very informative and fast moving discussion #otalk



#### Dr Lynne Goodacre @LynneGoodacre

13 days ago

Thanks v much @lezeki for a great talk and also @NikkiDanielsOT for keeping us on track #Otalk



### Rebecca Crouch, Occupational Therapist @RebeccaCrouch

13 days ago

@OTalk\_ Gosh! An hour is not long enough to answer all these great questions! #OTalk

?

Hurya\_Ahmad حورية السلطان

13 days ago

@LynneGoodacre I totally agree. Inter/intra observer errors will for sure reduce !! Definitely swings and roundabout, Lynne!#OTalk



leisle Ezekiel @lezeki

13 days ago

Thanks to everyone for their tweets. Really interesting ideas . Great to connect! #OTalk



Theresa Travis @s9tmt

13 days ago

RT @preston\_jenny: Can you explain this a little further please @RobynStiger, I'm on the fence with this one so keen to hear your perspecti...



Cara Lawrence @caralawrence

13 days ago

@LynneGoodacre @lezeki @NikkiDanielsOT @otalk #Otalk



Amy Stringer @AmyStringerOT

13 days ago

@lezeki thanks for hosting a great #OTalk! Tweet to you all next Tuesday!

Nikki Daniels @NikkiDanielsOT

13 days ago

Thanks @LynneGoodacre and @lezeki Will need to go back and review the transcript- lots to take in tonight. Great discussion #Otalk





OTalk @OTalk\_

13 days ago

RT @lezeki: Thanks to everyone for their tweets. Really interesting ideas . Great to connect! #OTalk https://t.co/rhrqZZbaKL



Robyn Stiger @RobynStiger

13 days ago

@preston\_jenny Well, in the patients who are struggling with their drugs often they are also struggling with other aspects of their health and so it terms of collaboration with patients it helps as they can be picked up before a scheduled appointment. Just an example #otalk



Rebecca Crouch, Occupational Therapist @RebeccaCrouch

13 days ago

@OTalk\_ @lezeki Thanks to you both for facilitating such an interesting chat! Facinated to know what your PhD is about @lezeki? Is it #OT & app related? #OTalk



Carolina Cordero @ colourful\_ot

13 days ago

@RebeccaCrouch @jacki\_liddle @lezeki I think another point that OTs working with technology (whether for research or assistive tech) should be aware of is the difference between free and open-source software - open-source means anyone can look and see exactly how it works, which is what we should aim for #OTalk



OTalk @OTalk\_

13 days ago

Keep chatting all things apps and research; hopefully some links made and some good resources shared. Keep an eye out for the chat transcript so you can catch up on the tweets you may have missed. There was a lot of them tonight! #otalk



leisle Ezekiel @lezeki

13 days ago

Just at the last study of my PhD and looking at apps for assessing experiences of fatigue after acquired brain injury. Its a steep learning curve #OTalk



Robyn Stiger @RobynStiger

13 days ago

@preston\_jenny They are the answer to everything but in certain aspects they can help. Another tool in the box #otalk



Jacki Liddle @jacki\_liddle

13 days ago

@RebeccaCrouch @colourful\_ot @lezeki Yes! And that we read (and simplify if needed) terms of use. Also that we understand how the app works in with hardware- ie if uses speech to text on phone then data is leaving the phone and often going to 3rd party to do that #OTalk



Jacki Liddle @jacki\_liddle

13 days ago

RT @colourful\_ot: @RebeccaCrouch @jacki\_liddle @lezeki I think another point that OTs working with technology (whether for research or assi...



Dr Jenny Preston MBE @preston\_jenny

13 days ago

@ RobynStiger Are the patients involved in the development phases and have you had feedback from them? Not disagreeing, just interested as something to explore in clinical practice #OTalk



Carolina Cordero / @colourful\_ot

13 days ago

@jacki\_liddle @RebeccaCrouch @lezeki Have you come across this site? It has nice short overviews of what you're signing up for on various websites https://t.co/ao4UBDTRpj #OTalk



Jacki Liddle @jacki\_liddle

13 days ago

RT @colourful\_ot: @jacki\_liddle @RebeccaCrouch @lezeki Have you come across this site? It has nice short overviews of what you're signing u...

Robyn Stiger @RobynStiger



@preston\_jenny Yes. Am a big advocate for patient involvement in the development phase and at all phases really. My research interest is in prehab, in surgical cancer patients & have been involved in a feasibility study doing just that. Seeing what works from the patient perspective. #otalk

Showing 1 to 276 of 276 entries



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