

**University of  
Hertfordshire UH**

# CAREVIS: Co-creation And Evaluation of a Visual REsource to support COVID-19 Vaccine uptake in people with Intellectual Disabilities

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University of  
Hertfordshire **UH**



# Background

- 1.5 million people in UK with intellectual disability
- Low uptake of annual health checks and vaccinations<sup>1,2</sup>
- Much higher mortality rates and shorter life expectancy than general population<sup>1,3</sup>
- Public Health England report: Death rate from COVID-19 in PwID 3.6 times higher compared to general population<sup>4</sup>
- Challenges to support uptake of vaccines among PwID
  - \*Conveying of information about novel COVID-19 vaccine
  - \*Needle and vaccine phobias
  - \*Explaining adherence to distancing requirements



# Having a Vaccine for Coronavirus

By Sheila Hollis  
illustrated by Lucy Bergon



## Development

- Study timeframe: April 2021-2022
- **Having a Vaccine for Coronavirus** was co-designed with the **Purple All Stars** group at **Hertfordshire County Council**
- Evaluated by **University of Hertfordshire** (Sponsor), funded by the **Royal College of Nursing Foundation**
- Recruitment through **Hertfordshire Partnership NHS Foundation Trust** and **Hertfordshire County Council**
- PPI from Experts by Experience



# First Online Meeting with Purple All Stars

February 2021



# Evaluation:

What did people think of the resource?

How was it used?

Did it have an impact on vaccination uptake?

Through three work packages:

i) Semi-structured Interviews

(n=35) with people with a mild-moderate intellectual disability (11), Informal and formal carers (10), health professionals (14).

ii) Mapping of resource distribution, downloads and vaccine uptake data

iii) National online survey

(n=55 responses [2 people with an intellectual disability, 42 health professionals, 8 carers, 3 'others'])

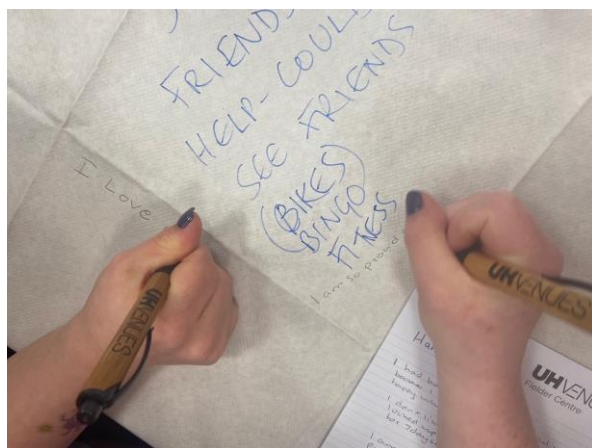
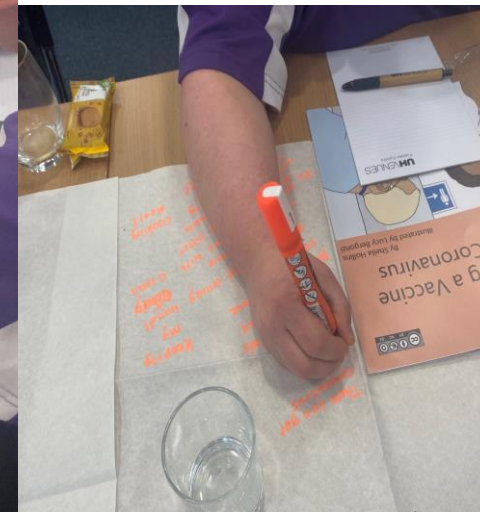
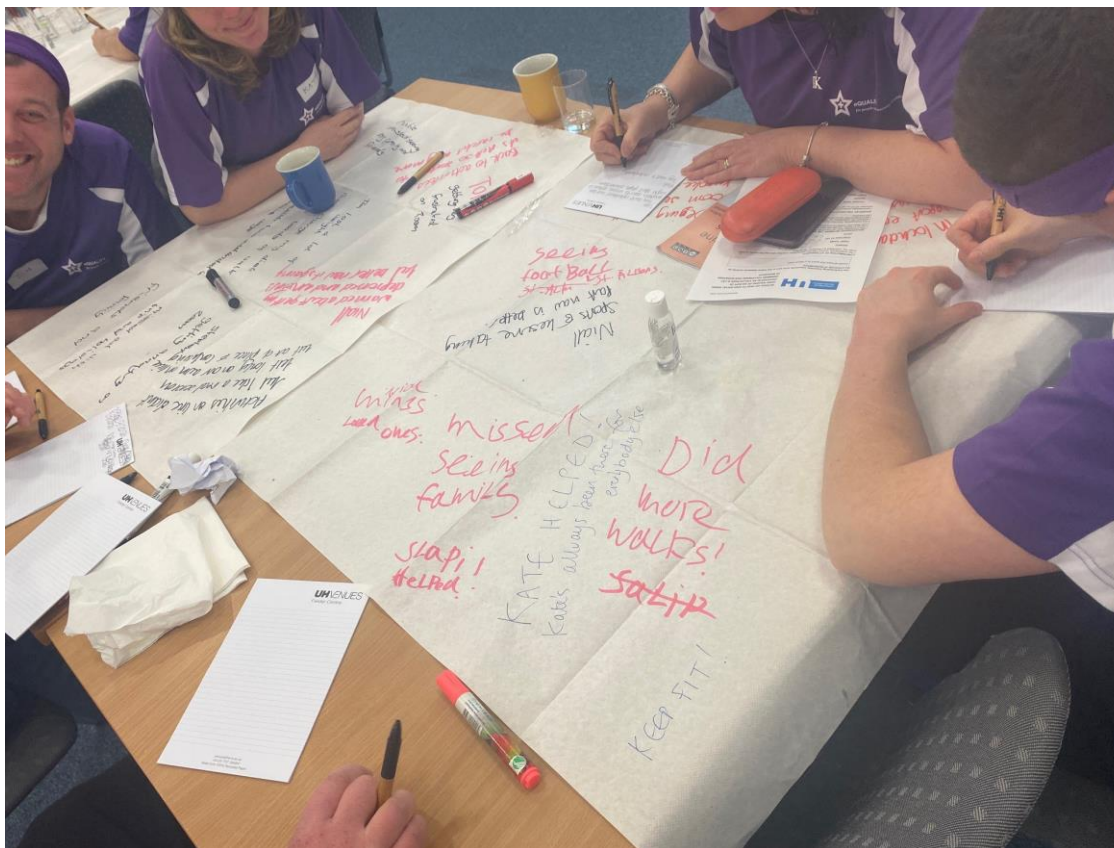
Informed by involvement from Purple All Stars



# Data sense checking with The Purple All Stars: March '22



[Blog: When the All Stars  
and academics align | ARC  
East of England  
\(\[nihr.ac.uk\]\(http://nihr.ac.uk\)\)](#)



# Praise for the Resource

*'I thought it was really well done and it shows...it's a diverse booklet, it's got people of different ethnicities in it and different genders.'* 5InterviewCarer

*'I thought it was very helpful and explained the process well.'* SurveyResp10HP

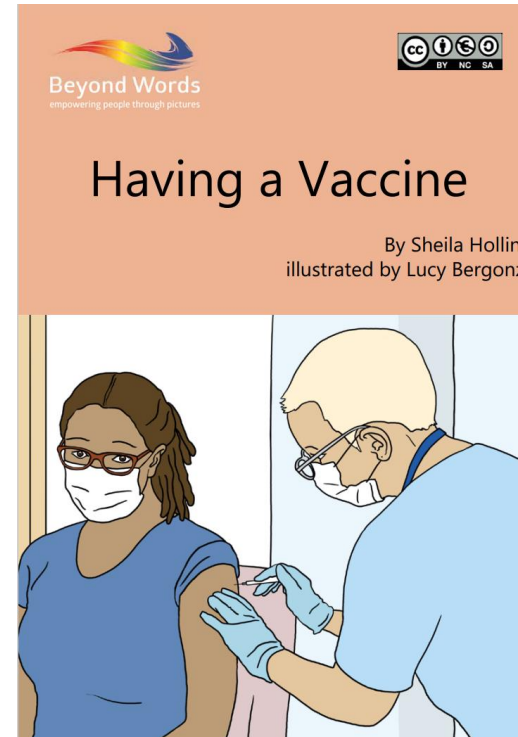
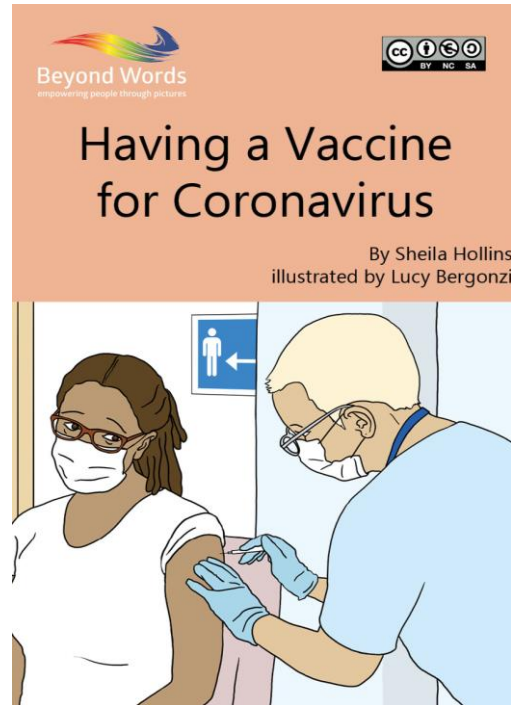
*'He only says words, so I'd like to gauge his understanding. But it's really clear. It's to the point, and I think even for someone like K, he'll get it. He'll understand it's someone having an injection, people with masks. He'll know this is the hospital. It's fantastic. I can't fault the book.'* 10 InterviewCarer

Interviewer: *'What do you like about it?'*

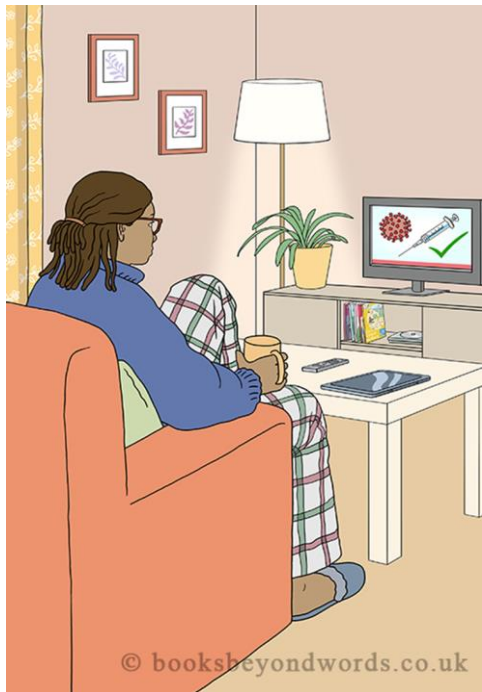
12InterviewPwID: *'I can read the pictures and talk about it at the same time.'*



# How ‘Having a vaccine for Coronavirus’ became ‘Having a vaccine..’



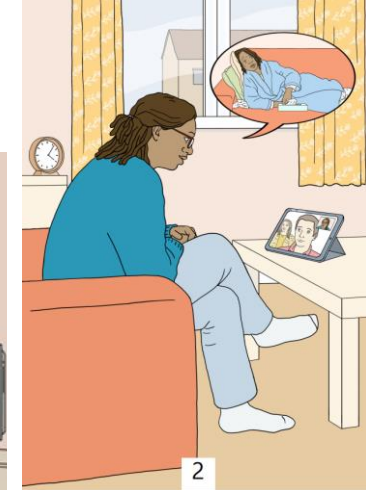
# How 'Having a vaccine for Coronavirus' became 'Having a vaccine..'



'He said he was just...because I said to him 'What is it?' and he just said 'it's injection, a tick' and he didn't know what the other thing was.'  
30InterviewCarer

'you imagine that you can see them and they're hardly going to be everywhere just floating around because they always look big and then like the person.'  
26InterviewHP

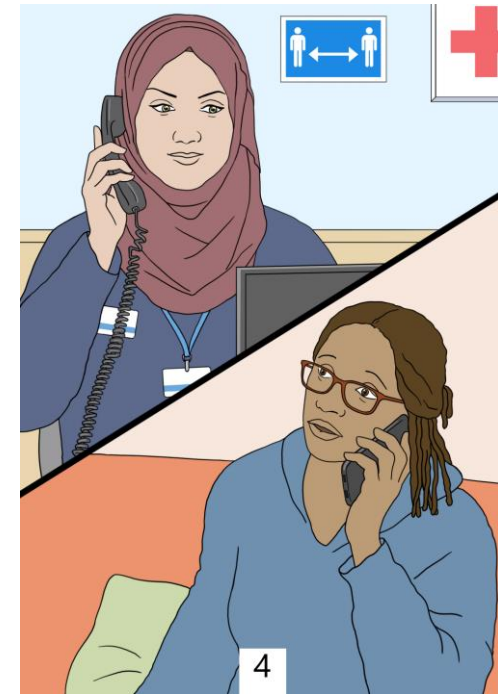
'I noticed the needle looked quite long and actually the needle isn't that big in real life..'  
16InterviewHP



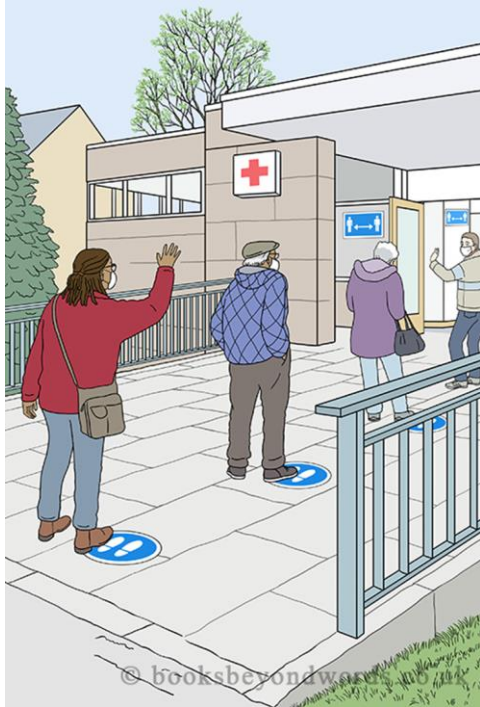
# How ‘Having a vaccine for Coronavirus’ became ‘Having a vaccine..’



*‘... I’m wondering in a way, because it would have been people getting called up for the doctor’s surgery, whether the image of the lady on the phone that’s in the doctor’s surgery should have been the top image and then the lady on the phone should have been the other way?’ 28InterviewPwID*



# How 'Having a vaccine for Coronavirus' became 'Having a vaccine..'



25PwID: Yes, two friends and they meet... they didn't know each other was going to be there.

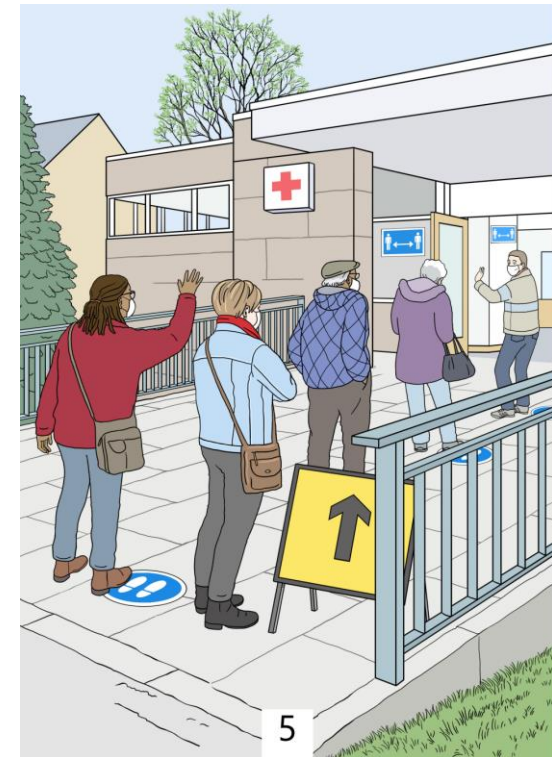
Interviewer: In the queue.

25PwID: One was standing there... it was the picture of the queue. I think it's on the first page, as they're queuing up.

Interviewer: That's right. Yes, and they recognise each other in the queue, don't they?

25PwID: Yes, they wave.

'being "on their own" in a queue might be worrying if that person feels the need someone near to support them.' SurveyResp18HP



# How 'Having a vaccine for Coronavirus' became 'Having a vaccine..'

*It struck me that they seemed, the people in the booklets seemed to be quite independent and they were, you know, doing things like making phone calls, doing things independently, rather than getting any support from a parent or a carer.*  
20InterviewHP

*'then in the next page it went straight to the vaccines, which is good, but then it was that little bit... maybe it needed a picture of people sitting down with the vaccine team because they... they have to go through the consent with you there, don't they, so that may have been useful because I know if someone's had reasonable adjustments they may have had those bits done prior to the appointment.'* 28InterviewPwID



# How 'Having a vaccine for Coronavirus' became 'Having a vaccine..'



28InterviewPwID: *'That... that would make a lot of sense, because it sounds a little bit strange... not strange, but when you're looking at the pictures of them you've got... the chap looks, obviously, worried, so his eyes are away, but the lady's eyes are facing it, which is absolutely fine...'*

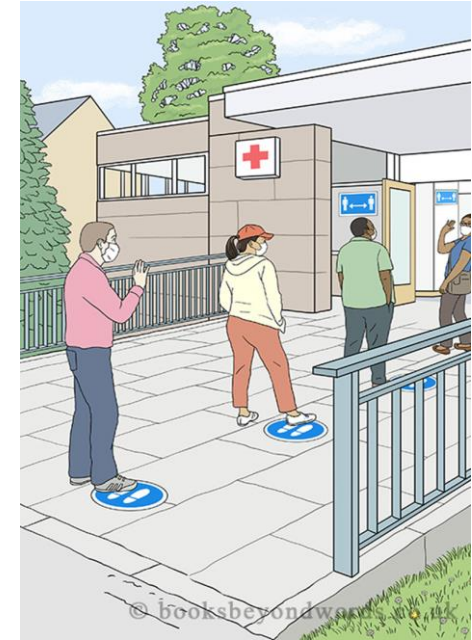
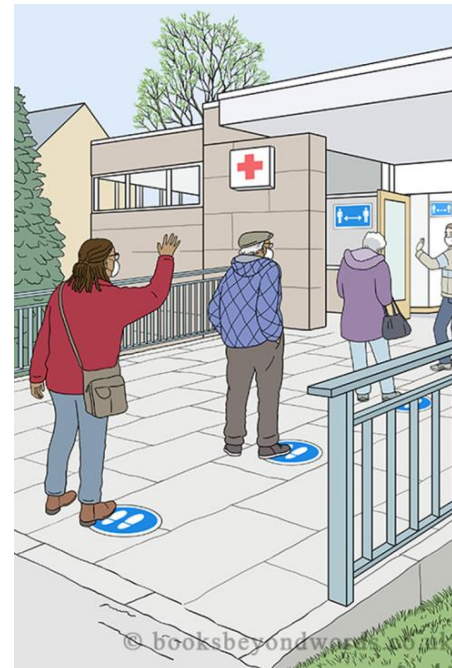
Interviewer: *'Yes.'*

28InterviewPwID: *'... but they look like worried eyes.'*

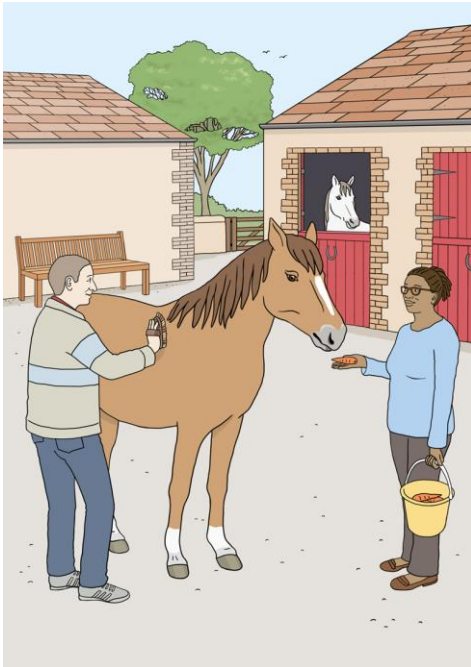


# How 'Having a vaccine for Coronavirus' became 'Having a vaccine..'

Seasons and clothing denote  
the passing of time



# How 'Having a vaccine for Coronavirus' became 'Having a vaccine..'



*'He couldn't understand that bit. And what were they doing with the horse? Why was the horse there?'*  
30InterviewCarer

*'We do that. In Hertfordshire they do horse riding where the wheelchair goes on the carriage and they go horse riding and in Bucks they do stroking of the little Shetland ponies activity. In Warren Court they actually have a horse coming into the inpatient unit, so the horse idea was perfect actually, it ticks all the boxes.'* 16InterviewHP



## How 'Having a vaccine for Coronavirus' became 'Having a vaccine..'



*'This is the one that worries me a little bit. They're a bit too close, no masks, etc. Therefore there is a possibility of them being positive and catching it without realising.'* 33InterviewPwLD

*'But I think the balance is good, and it makes it more real. So, yes. I think that's okay. But my concern would be if it was tipped further in the, "You can meet someone at the Covid centre and have a relationship with them," that's not the message. The message is the importance of having the vaccine.'* 6InterviewHP

## Other key findings

**Vaccine uptake:** Uptake of Covid-19 vaccination higher in the learning disability population was higher in Herts and Essex than adults in general population.

**Survey:** 8/55 (14%) people had used the resource; one informal carer (1/8), one person with a learning disability (1/2) and six (6/42) health professionals. Mainly used as an e-resource (40%), not printed. Reasons why it had not been used was that people had already received vaccine or they were unaware of the resource

If you would like more information about the CAREVIS study please contact:

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# Thank you

