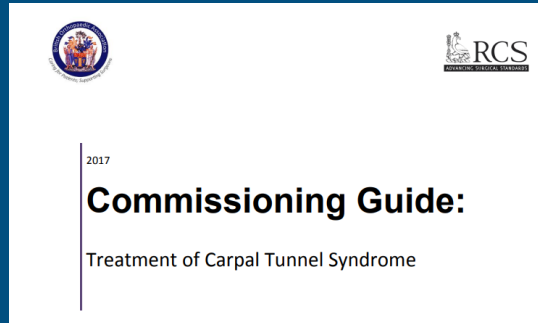
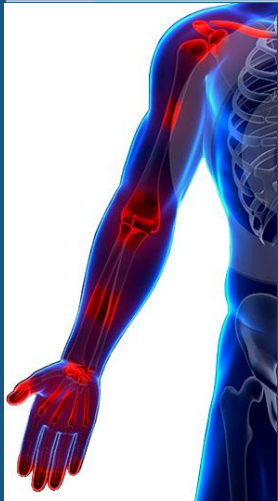




# Leadership - Digital Transformation

Helen Robson, Clinical Integration and Transformation Lead

# A bit about my journey so far



Format: Abstract Send to ▾

Qual Life Res. 2018 Sep 27(9):2373-2382. doi: 10.1007/s11136-018-1883-7. Epub 2018 Jun 9.

**Changes in health-related quality of life (EQ-5D) dimensions associated with community-based musculoskeletal physiotherapy: a multi-centre analysis.**

Carlan N<sup>1</sup>, Robson L<sup>2</sup>, Robson A<sup>2</sup>, Kelly M<sup>3</sup>, Wilkes G<sup>2</sup>

@ Author information

**Abstract**  
**PURPOSE:** To determine the changes in each of the five dimensions of the EuroQol 5-dimension index associated with community-based physiotherapy.

**METHODS:** Four thousand one hundred and thirty-six patients that received community-based musculoskeletal physiotherapy across five NHS centres completed the EQ-5D on entry into the service and upon discharge. Patients were categorised on symptom location and response to treatment based on their EQ-5D index improving by at least 0.1 ("EQ-5D responders"). For each symptom location, and for responders and non-responders to treatment, the mean ( $\pm$  SD) were calculated for each dimension pre- and post-treatment as well as the size of effect.

**RESULTS:** The mobility dimension improved ( $p < 0.05$ ) in all symptom locations for EQ-5D responders ( $d = 0.26$ - $1.58$ ) and in ankle, knee, hip and lumbar symptoms for EQ-5D non-responders ( $d = 0.17$ - $0.45$ ). The self-care dimension improved ( $p < 0.05$ ) in all symptom locations for EQ-5D responders ( $d = 0.49$ - $1.16$ ). The usual activities dimension improved ( $p < 0.05$ ) across all symptom locations for EQ-5D responders ( $d = 1.00$ - $1.75$ ) and EQ-5D non-responders ( $d = 0.14$ - $0.60$ ). Despite the pain/discomfort dimension improving ( $p < 0.05$ ) across all symptom locations for both EQ-5D responders ( $d = 1.07$ - $1.43$ ) and EQ-5D non-responders ( $d = 0.29$ - $0.66$ ), the anxiety/depression dimension improved ( $p < 0.05$ ) from higher starting levels in EQ-5D responders ( $d = 0.76$ - $1.05$ ) with no change seen for EQ-5D non-responders ( $d = -0.16$  to  $0.06$ ).



# My current role



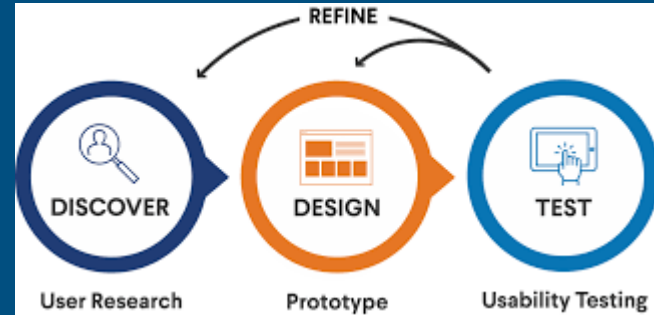
**NHS**

The Topol Review  
Preparing the healthcare workforce to deliver the digital future

An independent report on behalf of the  
Secretary of State for Health and Social Care  
February 2019

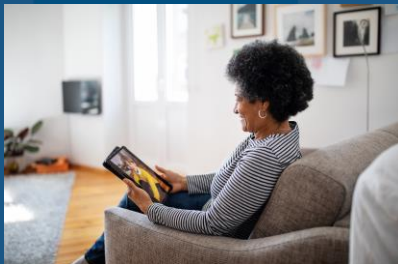


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# Digitally enhanced consultations – an example

# Why this project?



# What have we achieved and how?

**Updated and patient centric clinical communications**

117 languages can be translated



1200+ patients received this as part of testing

33% completion rates

Optimised web form

**API writing from webform to clinical system in near real time**

**Positive clinician and patient feedback**

Active nationally across 14 CCG localities



Thanks for listening

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