



Animation Supported Consent for lung resection procedures

D. I. Ike, R. Jackson-Wade,
R. Baranowski, H. Wilson,
P. Perikleous, D. Wald

Introduction

- Informed consent an integral part in modern medicine; underpins patient autonomy.
- **Bolam principle:** judgement of experts main criterion for assessing care and communicating risks to patients.
- **Montgomery vs Lanarkshire Health Board [2015]** UKSC case; landmark decision for doctor-patient relationship and process of informed consent.
- Doctors must take reasonable steps to ensure patients are aware of material risks and alternative treatments.



A stylized illustration featuring a pink lung on the left and a light blue surgical scissors icon on the right. The text 'Consent for lung resection: challenges' is overlaid on the lung.

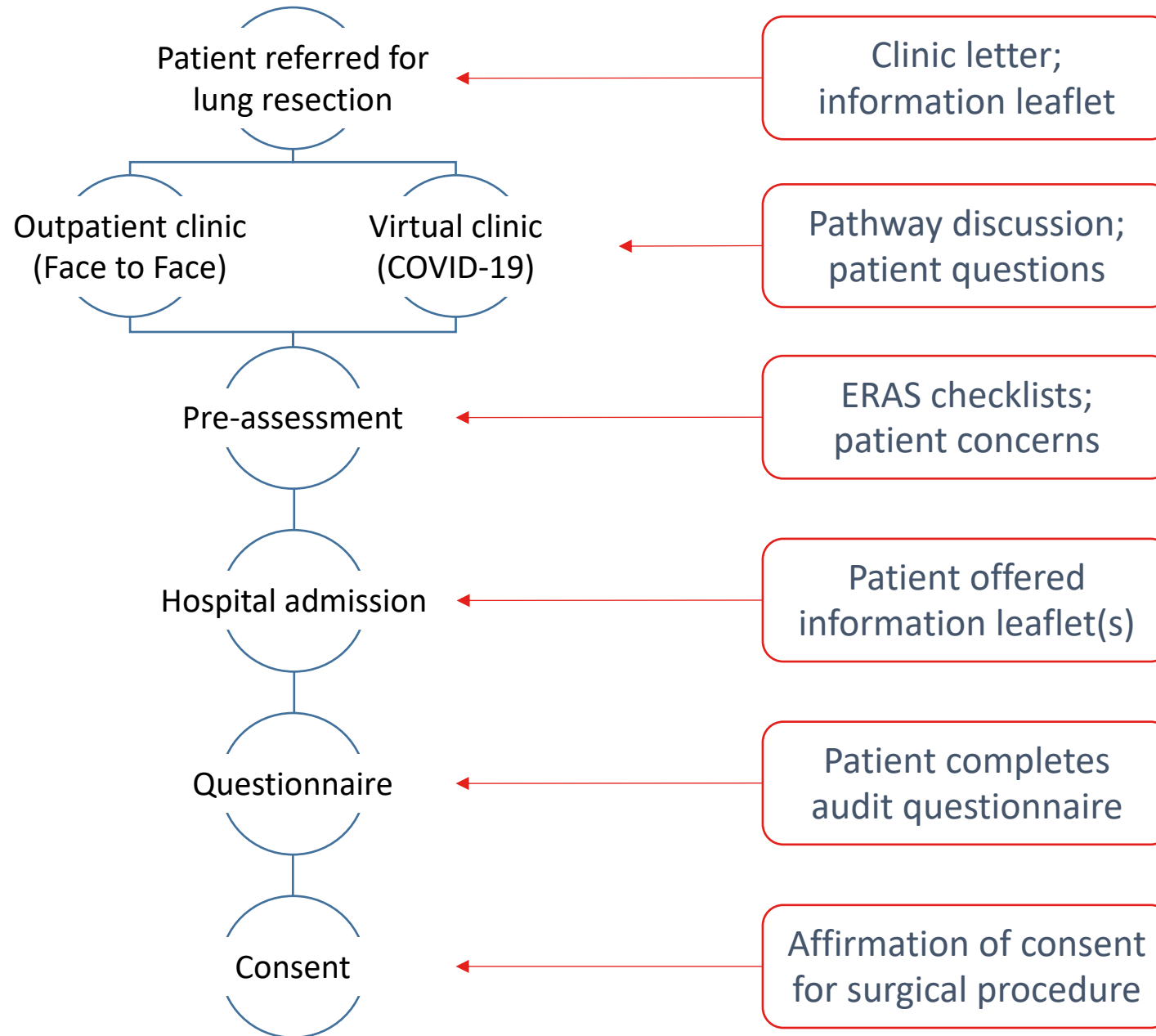
Consent for lung resection: challenges

- Impact of COVID-19 pandemic; remote consultations performed virtually or by phone.
- Clinicians have hectic operating schedules.
- Patients and family often require significant physical and emotional support.
- Complex treatment options with perplexing investigations will need repetitive explanations.
- Clinician bias reinforces treatment with failure to understand what matters most to the patient.
- Implications of cultural and linguistic barriers.



The BARTS experience

- + High-volume tertiary referral centre; utilises state-of-the-art technology.
- + Patient feedback and clinician observations marked areas for improvement.
- + Local audit investigated the effectiveness of existing consent pathway processes.
- + Analysis of audit results with implementation of a quality improvement project.

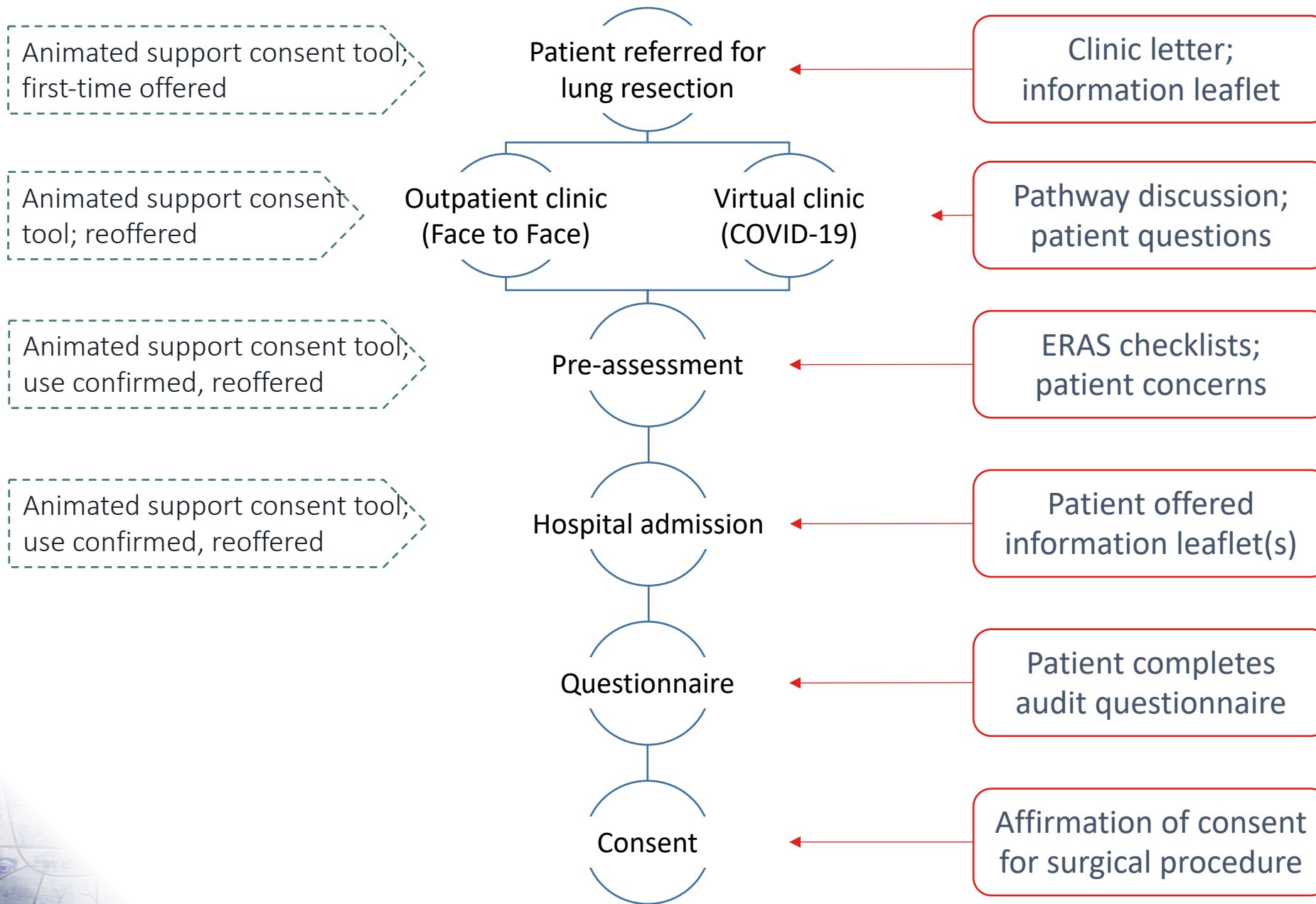


Process mapping of consent pathway

Methodology

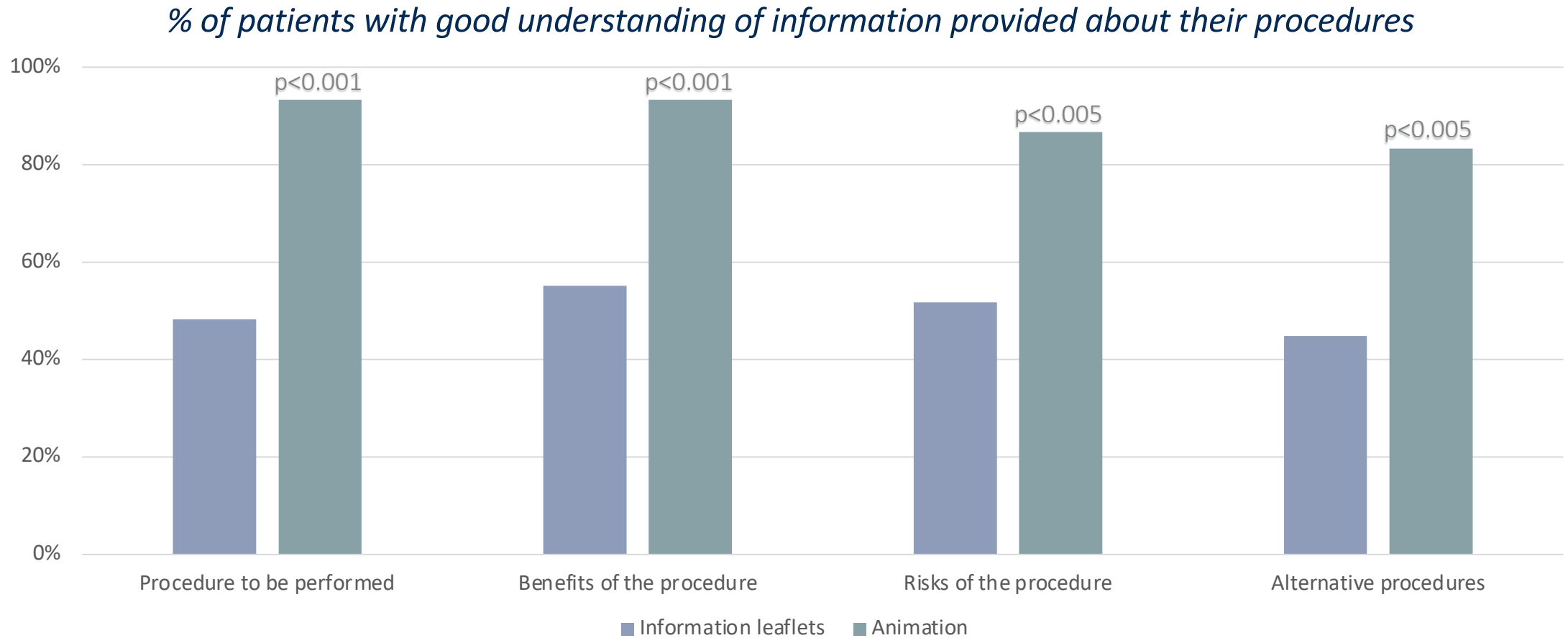
Lung Resection

- Questionnaires investigating patients' baseline understanding of their procedures (n=29), based on currently used consent pathway.
- Introduction of video animations created by [Explain my Procedure™](#).
 - Video links sent out to patients prior to hospital admission.
 - Video-books available at pre-admission clinic and on ward.
- Questionnaires investigating patients' further understanding of their procedures (n=29), based on newly implemented consent pathway.



Process
mapping of
animated
consent
pathway

Results





Patient feedback

*Can't read due to poor eyesight but able to watch videos;
video book is fantastic and comprehensive!*

Excellent video, would recommend!

Translation good and simple, useful video.

Very useful video as can't read or write.

Watched with family; very useful would recommend.

*Very comprehensive, time saving; would recommend as
first line communication to patients.*

*Video link didn't work as poor quality QR code printed on
recycled paper!*

Conclusions

- + Implementation of animated support video consent tools resulted in marked improvement in patients' reported understanding of lung resection procedures, allowing them to make better informed decisions.
- + Deployment of multi-language animation videos at defined stages of the consent pathway enabled enhanced communication between healthcare professionals and non-native English speakers.
- + We recommend wider adoption of animated support video consent tools from all NHS Trusts as they continue to make progress towards their digital transformation.