

Pathway re-design in Elective Orthopaedic surgery

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The NEOS Challenge



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Elective Hip and Knee Replacement Patient Journey



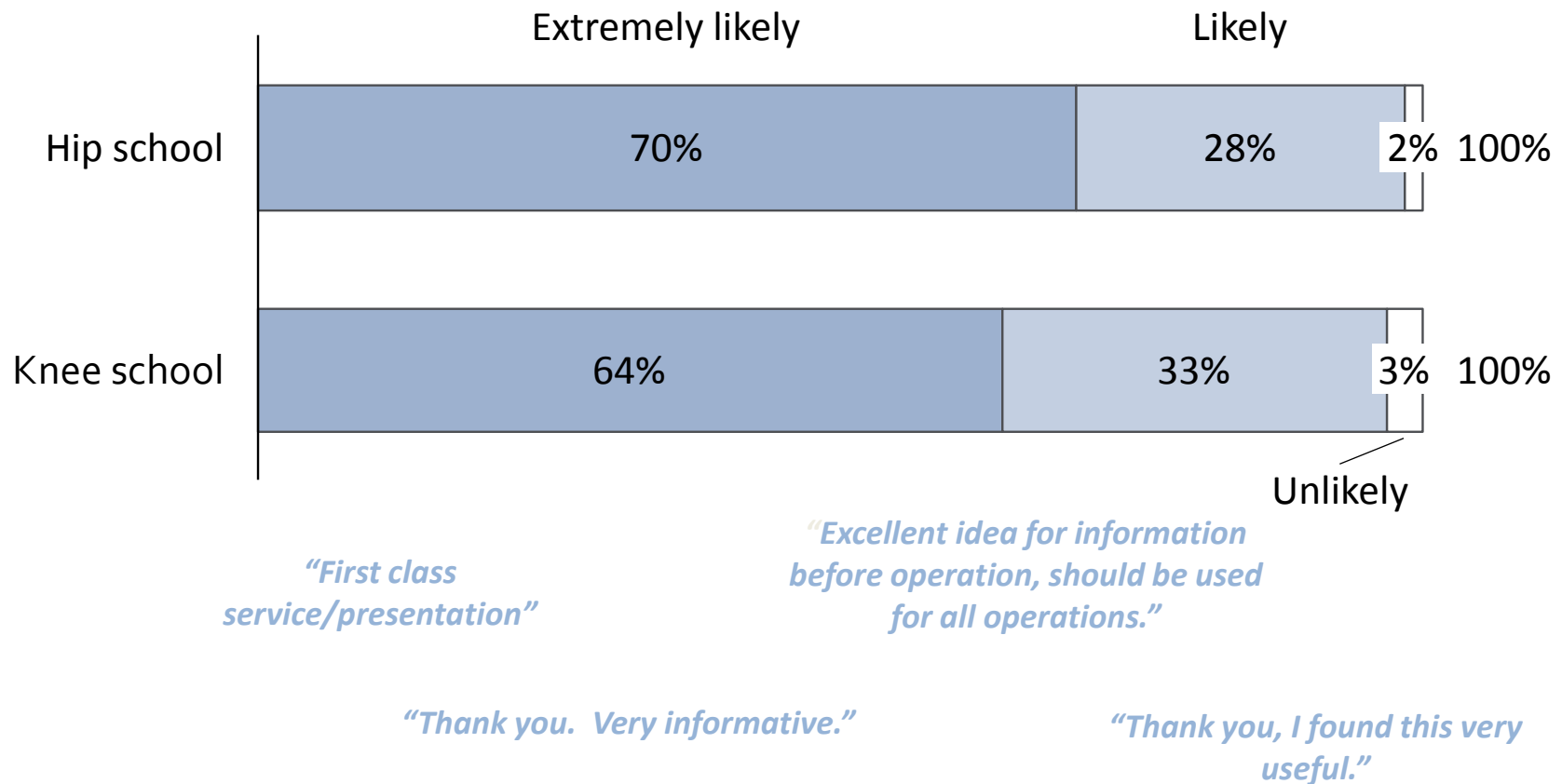
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Patient Experience



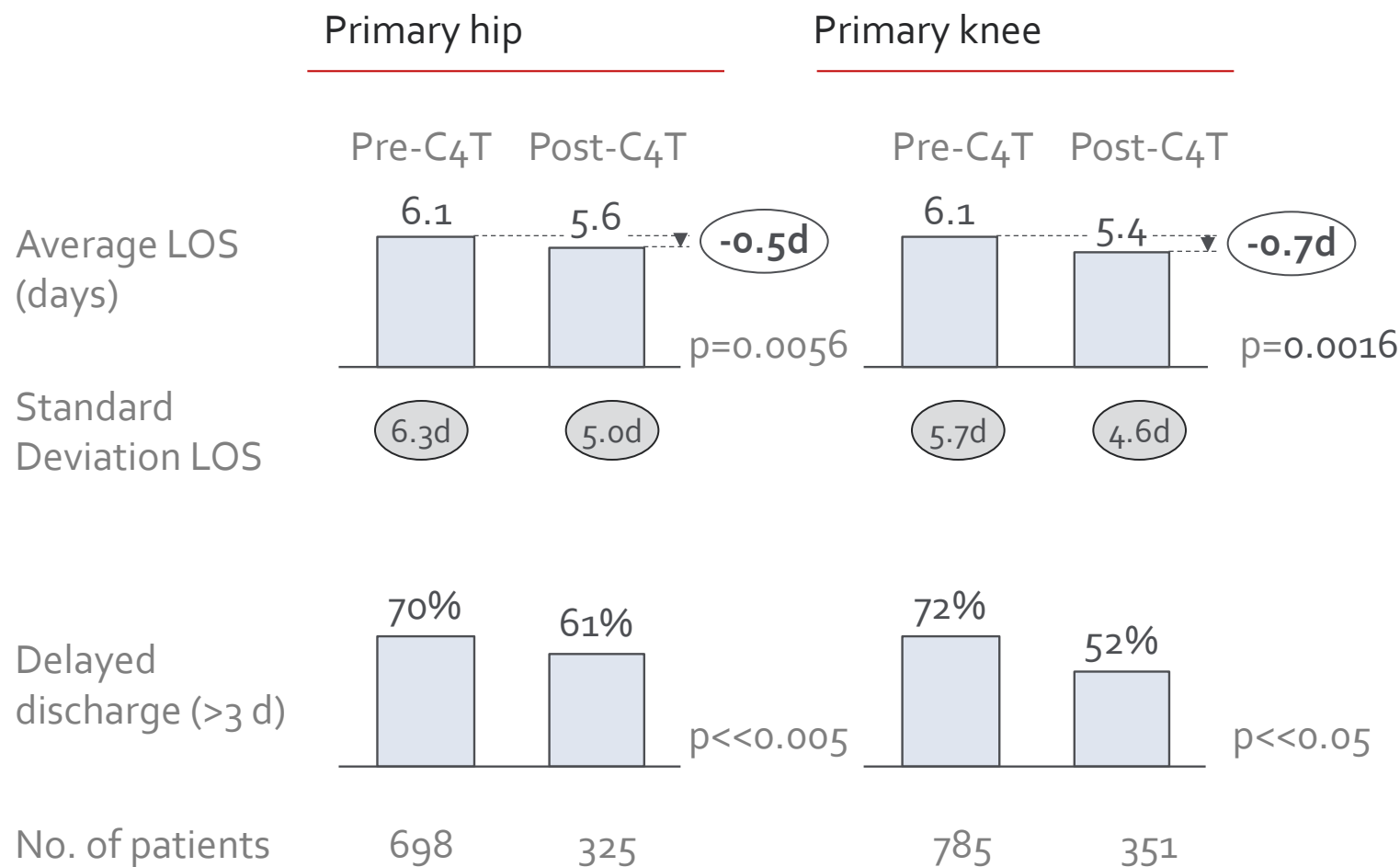
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Friends and Family Test results in 125 patients attending hip or knee school



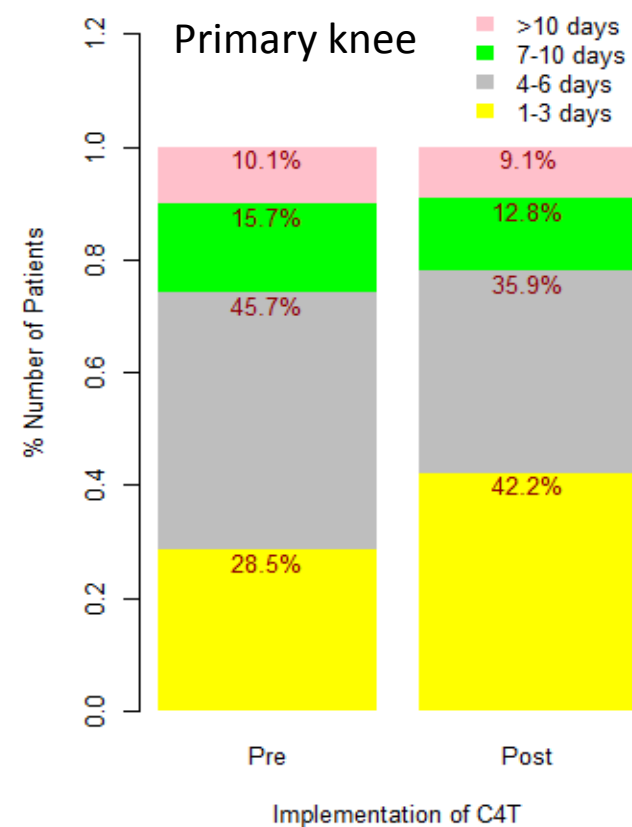
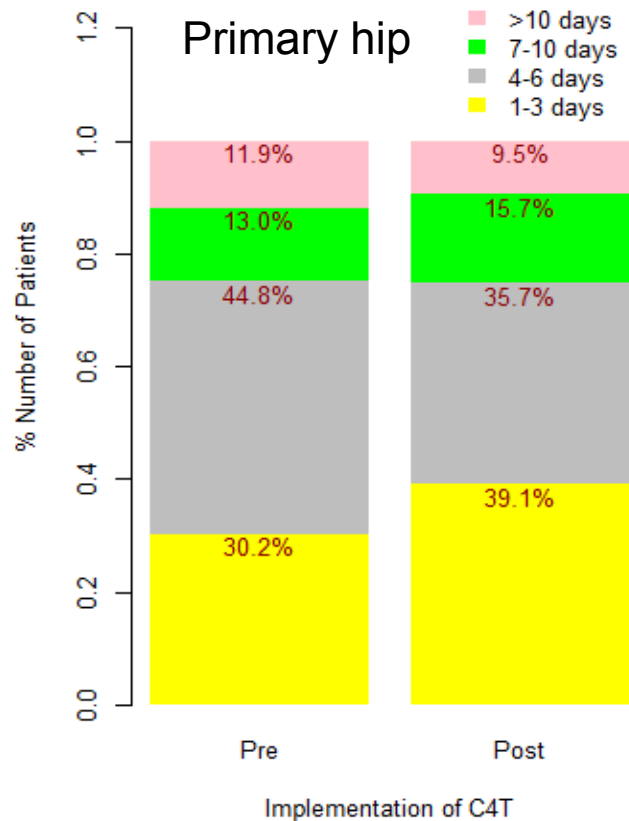
2. Performance

Mean LOS is reduced by 0.5 days in THR and 0.7 days in TKR
Delayed discharge is reduced by 11% in THR and 20 % in TKR



* Results are statistically significant in bivariate & multivariable analysis for C4T and reduction in LOS (inc Age, ASA, Gender)

Length of Stay has reduced for a specific cohort



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Key Enablers



Commercial support



1 year secondment Band 7 project lead – job share between
Physiotherapist and Nurse

Multi-disciplinary working group to standardise care to create leaflet
content

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Lessons learnt



Do:

Use commercial support if available

Integrate Patient Education Groups at Pre-operative assessment

Routine Post-operative telephone calls to improve satisfaction and enable continual service improvement

Use experienced, multi-professional staff with ring fenced- time to lead change

Improve access to post operative rehabilitation

Involve patients with service improvement

Lessons learnt



Don't expect Pre-operative Patient Education to reduce length of stay for all patients

Don't just consider the pathway within your own organisation (Social care collaboration)



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Nottingham Elective
Orthopaedic Services

Nottingham University Hospitals **NHS**
NHS Trust

Thank you



This programme is developed by Janssen Healthcare Innovation, a division of Janssen-Cilag Ltd, and DePuy Synthes EMEA, a division of DePuy International Ltd in collaboration with Nottingham University Hospitals NHS Trust.

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