

Green, Lean and Clean : New Approaches to Theatre Resources

Centre for Sustainable Delivery

Event Supporter



Event Supporter



WELCOME and INTRODUCTION



Rory Mackenzie - Interim Deputy National Clinical Director, NHS Golden Jubilee - Centre for Sustainable Delivery (CfSD) and Consultant in Critical Care Medicine – NHS Lanarkshire * **Chair**

Rosanne Macqueen - National Improvement Advisor, NHS Golden Jubilee- Centre for Sustainable Delivery (CfSD) * **Speaker**

Kenneth Barker - Consultant Anaesthetist/Clinical Lead for Sustainability NHS Highland * **Speaker**

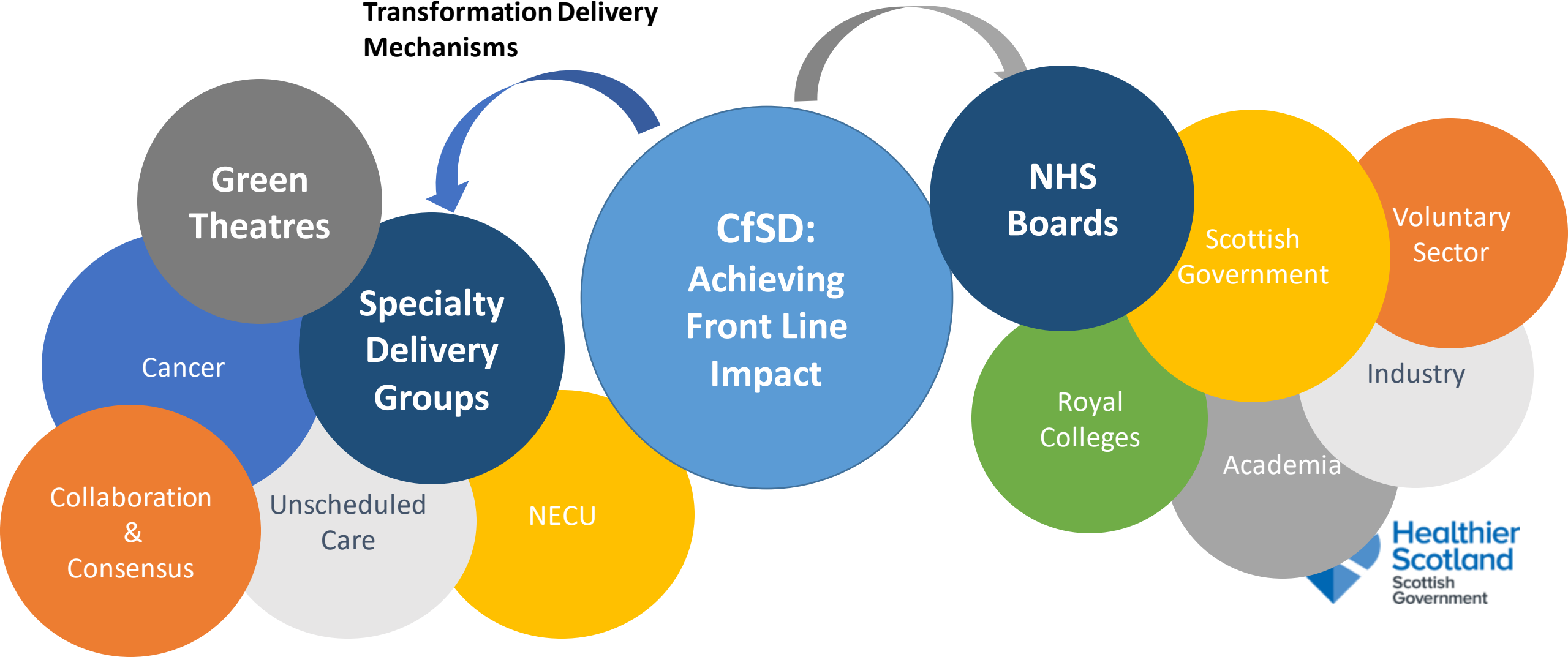
David McDonald – Head of Programmes, NHS Golden Jubilee- Centre for Sustainable Delivery (CfSD) * **Speaker**



Centre of Sustainable Delivery - A Systems Convenor Enabling Transformational Change

Enabling Partnerships

Transformation Delivery Mechanisms



Lived Experience in NHS Highland



<https://www.youtube.com/watch?v=PtnsyBwkpR8>

NHS Highland - National Treatment Centre



NHS Highland - National Treatment Centre



https://www.youtube.com/watch?v=roT_jUvcMQ8

Improving the Delivery of Cataract Surgery in Scotland;

A Blueprint for Success

Using an evidence-based approach, the best clinical outcomes are achieved for patients

Services are safe and sustainable

Services are patient focused

Services are efficient making best use of resources

Services are affordable and provided within the funding available

Services are accessible and provided as locally as possible

Services are considerate to their environmental impact

Services are adaptable achieving change over time

One additional cataract on each surgical session => **5,600** additional cataract operations per year in core sessions.

Step 1
Ensure any change is clinically led

Step 2
Understand the whole pathway

Step 3
Involve the whole of the hospital team

Step 4
Optimise the environment

Step 5
Shrink the non-surgical time

Step 6
Know how many staff you will need

Step 7
Create a high performing team

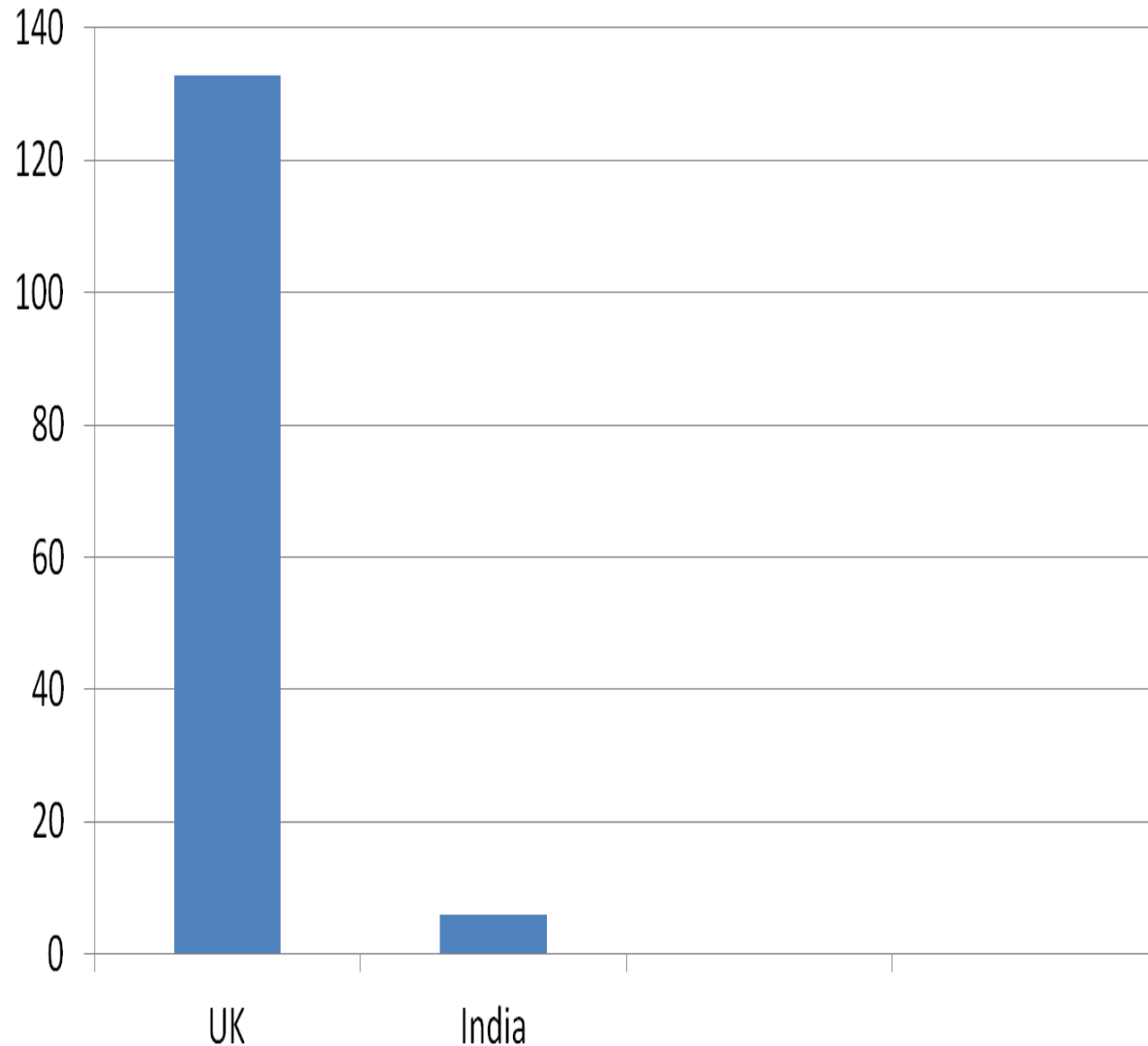
Step 8
Seek new ways to deliver surgical training

Step 9
Leave no patient behind

Step 10
Engage with the public



Carbon Impact of Cataracts



Potential areas for consideration:

- Reduction in single use instruments
- Waste segregation (increased Recycling)
- Immediate sequential bilateral procedures
- Jack and Jill surgery
- Rub not scrub
- Work with lens manufacture to reduce packaging
- Use of video consultations
- Re-useable gowns, drapes and hats
- Management of energy use
- Others?

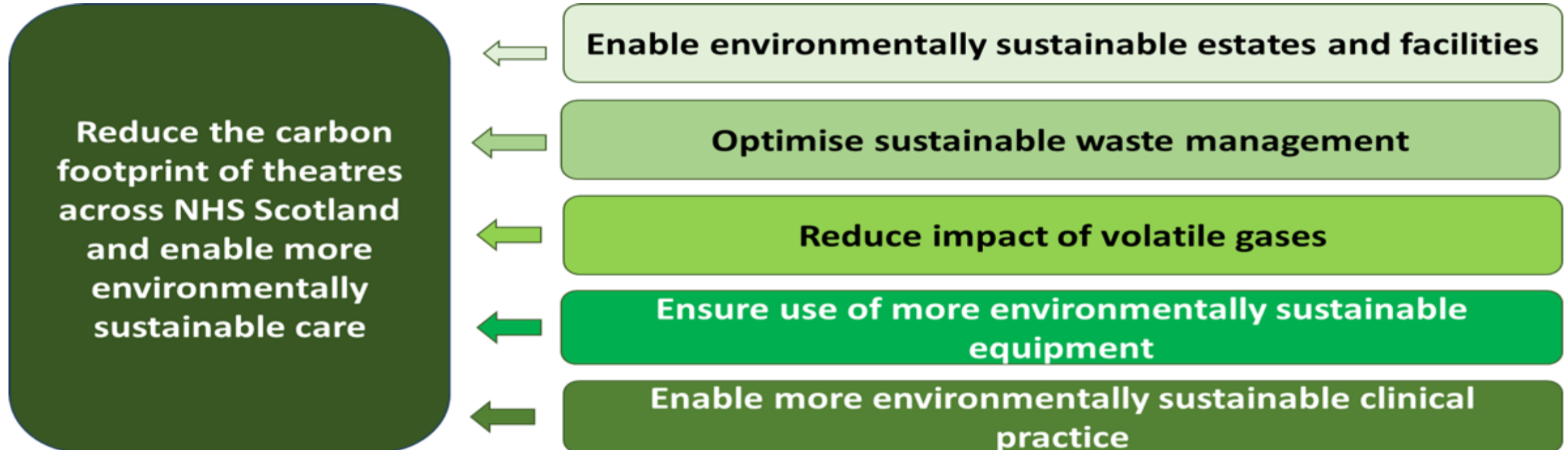
The R principles

- Rethink – Involve patient in discussion
- Refuse – Alternatives to Surgery
- Reduce – Use LA rather than GA
 - Use procedure rooms rather than surgical theatres
 - Day surgery
- Re-use – Avoid single use equipment
- Repair – Use re-useable or re-manufactured equipment
- Recycle – ensure correct waste segregation

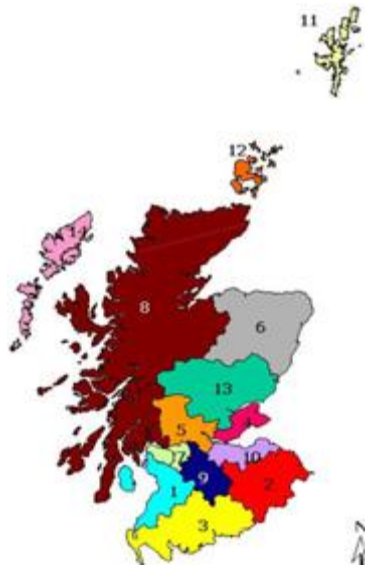
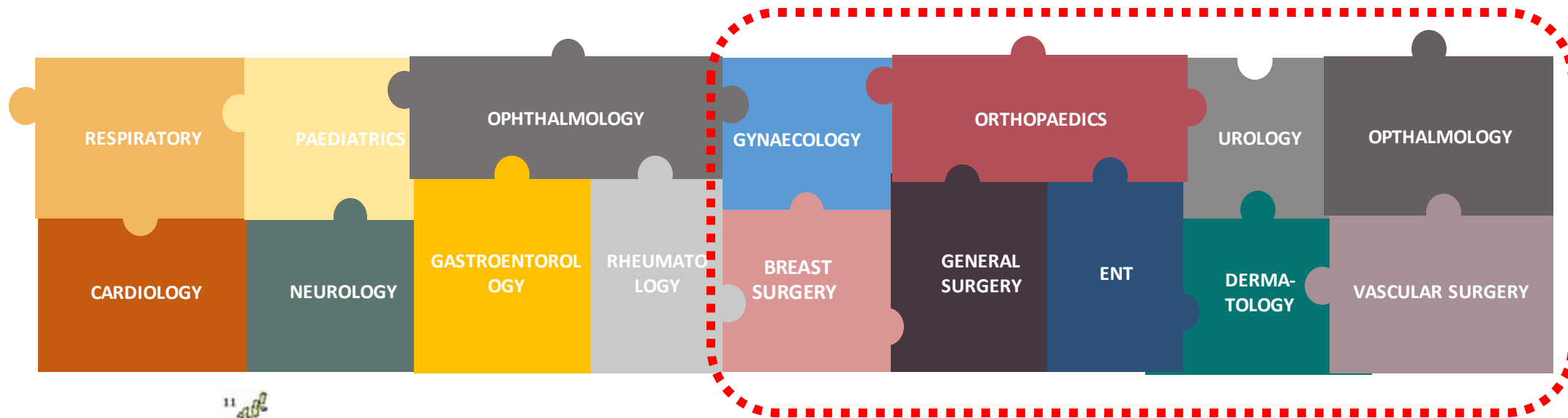


National Green Theatres Programme

Green Theatre Programme aims to reduce the carbon footprint of theatres across NHS Scotland and enable more environmentally sustainable care.

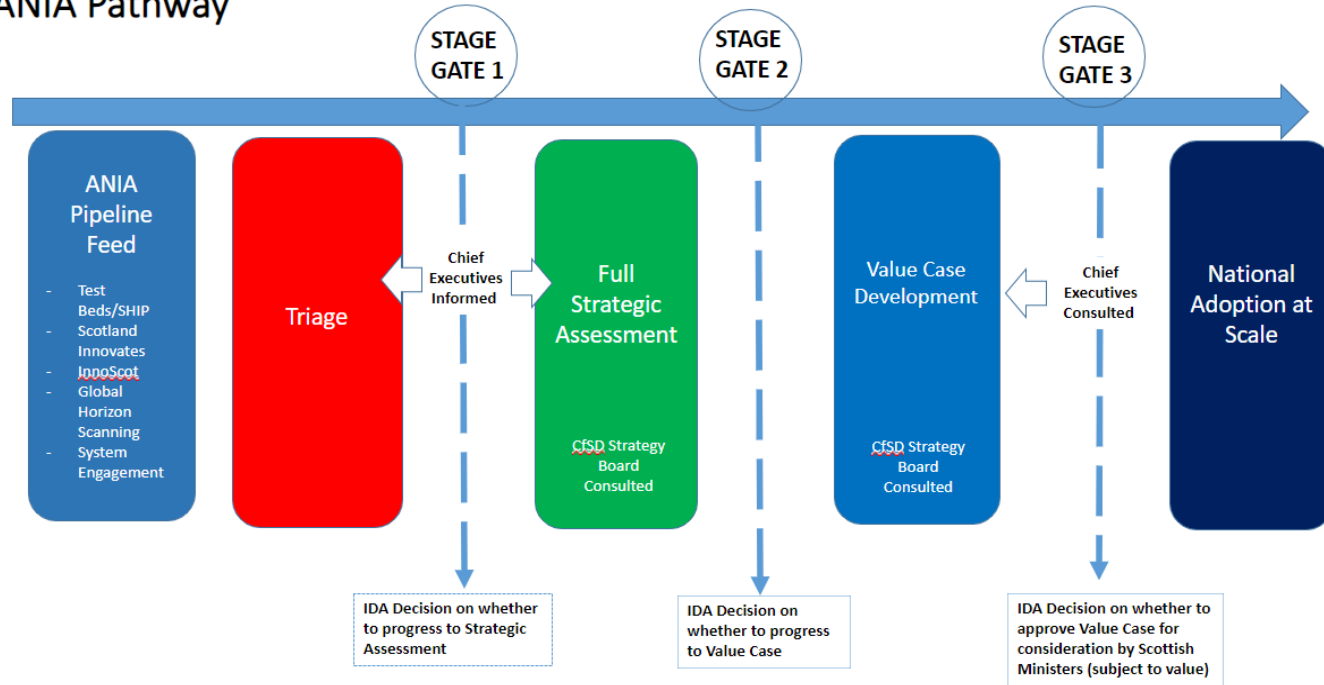


Driving Day Surgery in Scotland through our Speciality Delivery Groups

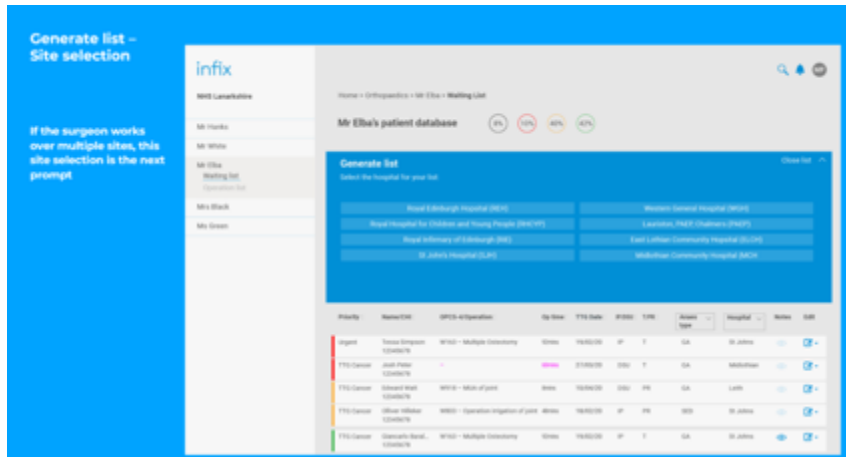


- Laparoscopic Cholecystectomy
- Laparoscopic Hysterectomy

ANIA Pathway



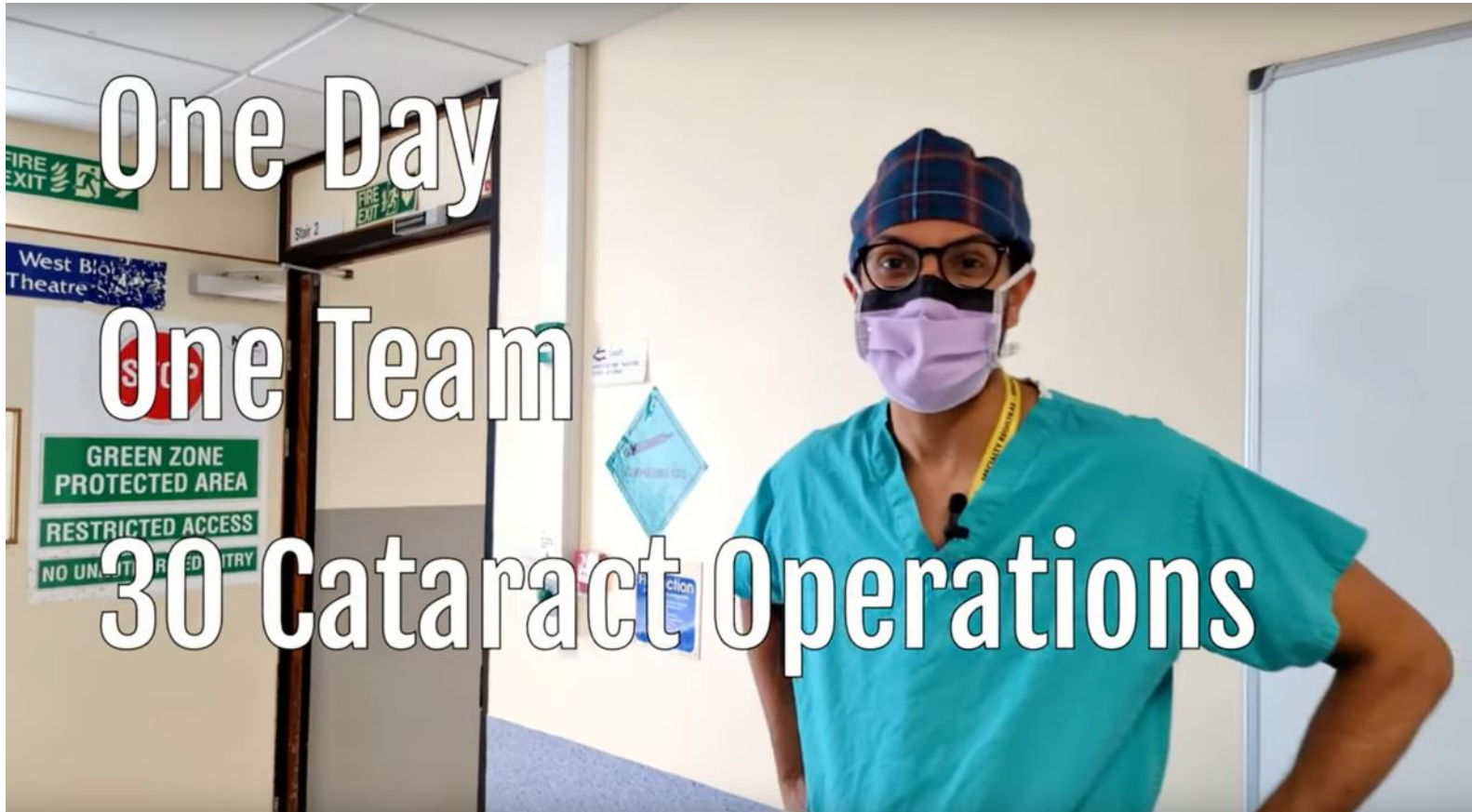
Bringing Digital solutions to support Theatres



High volume cataract surgery – NHS Tayside



<https://www.youtube.com/watch?v=HdQJ6Oi6ZMs>



<https://youtu.be/ADIDTI4bzG8>

THANK YOU

