

# Innovation in facility planning

To ensure efficiency and value for money, it is imperative that we review the way we plan hospitals and healthcare buildings. Adopting innovative practices enables greater time and cost certainty during the planning, design and construction phases. Standardisation optimises the use of available space, while continuing to provide flexibility and adaptability as healthcare service needs evolve.

## Principles of delivery

- » Adoption of programmatic approach to the management of projects across the estate, using performance data to drive efficiencies and improvements
- » Standardise design, layouts and repeatable room templates at national level creating straightforward, flexible, adaptable, cost-effective design
- » Digital innovation in healthcare provision, including intelligent (Smart) estate environments
- » Achieve objectives of net zero carbon and circular construction economy requirements

## The case for standardisation

- » Creation of a consistent infrastructure
- » Recognisable for staff and patients
- » Reduces clinical risks
- » More easily maintained
- » Opportunities for off-site manufacture and assembly using MMC

## Opportunities to standardise

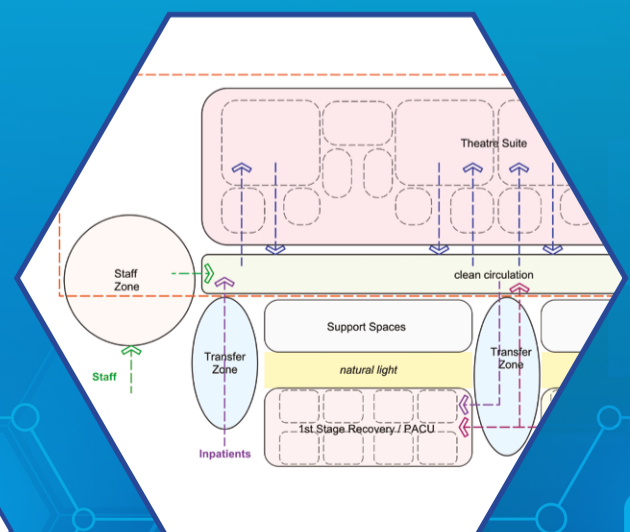
- » Assemblies/components/activity zones
- » Room planning principles – zoning
- » Room sizes and ratios – adaptable to multiple functions
- » Clusters of rooms – 8 beds, 6 or 8 clinical rooms etc
- » Departments – especially wards
- » Planning grids
- » Departmental uplifts – circulation %

## Positive outcomes from standardisation

- » Cost efficiencies
- » Improved user and workforce experience
- » Patient confidence
- » Future flexibility in responding to health emergencies and changes in population healthcare needs

## The journey to achieving standardisation

- » Approach as a set of building blocks
- » Start with activity ergonomics
- » Get it right and arrange with other activities to form a room
- » Repeat to form a cluster
- » Several clusters create a department



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