

P22 Repeatable Rooms

In May 2011, the Cabinet Office published the Government Construction Strategy (GCS) and challenged the UK Construction Industry to reduce costs by (up to) 15–20% by the end of this parliament (2015). The Department of Health, through ProCure21+ exceeded the 14.1% cost saving target it was set. Under ProCure22 the Framework continues to deliver significant, cost, quality and time benefits through the 24 Repeatable Rooms developed to date, with more to follow under ProCure 2020.

Following initial work toward standardising key components, it was found that additional benefit could be provided by developing Repeatable Rooms. The DHSC and PSCPs collaborated with the NHS and wider Stakeholder Groups including the Royal Colleges and Patient Groups to develop a series of Repeatable Room designs, across both the Acute and Mental Health sector, as follows:

- **Acute Single bedroom with en-suite**
 - In-board en-suite
 - Out-board en-suite
 - Parallel or nested en-suite
- **Acute Multi 4 bed bay with en-suites**
 - Traditional
 - Diamond
 - 'T' form
- **Consultation/Exam Rooms**
 - Option 1 desk nearest the door
 - 2 sided couch access
 - 3 sided couch access
 - Option 2 desk nearest the window
 - 2 sided couch access
 - 3 sided couch access
 - Option 3 no couch
- **Mental Health bedrooms with en-suite**
 - **Functional**
 - With splayed en-suite with 4 furniture arrangements
 - **Organic**
 - With splayed en-suite with 4 furniture arrangements
 - Parallel or nested en-suite with 2 furniture arrangements
- **Urgent and Emergency Department Rooms**
 - Single entry room
 - Dual entry room
 - Chair centric space

These Repeatable Rooms have been rolled out Nationally and recognised with numerous industry design, construction and collaboration awards. The 12 step evidence and experience based process has been endorsed with the Repeatable Rooms cross-referenced within the Health Building Notes. These Repeatable Rooms offer significant capital and process, programme and cost saving, together with quality and standardisation benefits. They can be used in new build or refurbishment projects. Please see further information on the rooms hosted on P21+ and P22 club websites.



Dr Dan Poulter MP
(Under Secretary of State for Health)

"this is a fantastic project, it is one that will bring huge benefits to NHS, it is about public sector working with private sector, saving money and delivering much better patient care"



The 12 step development process applied to each of the Repeatable Rooms included literature reviews, patient workshops, assessments of previous designs (both within and outside the NHS), together with peer/expert clinical reviews and room evaluation testing before being finalised for use. We engaged with:-

- 65 NHS Trusts engaged, and many now implementing arrangements on current projects
- 4 Royal Colleges engaged
- 40+ Healthcare Designers engaged and contributing to the experience base
- 500+ Consultees
- First Evidence Based and Experience Grounded RRs delivered in 10 months
- Now 24 RRs available

Each room incorporates the standardised assemblies and components that are available via P21+/P22 StandardShare part of the club website.

NHS Clients are encouraged to use these Repeatable Rooms as the baseline for Scheme designs, representing as they do, effective quality solutions that have been

pre-designed, verified and costed. Use of these Repeatable Room Designs is not mandatory, therefore NHS Clients are asked to indicate their inclusion as a contract objective. After that the PSCPs will include Repeatable Room Designs in the initial design with appropriate costs incorporated into the GMP.

Maximisation of savings by use of these Repeatable Rooms will be achieved when incorporated into the initial scheme design; avoiding any abortive design costs. This can best be realised through early PSCP appointment. Some Repeatable Room Designs incorporate potential enhancements that could be specified beyond HBN compliance, such as the incorporation of hoists. These enhancements/local choices are optional and included to assist in NHS Client specification decisions.

The Room configurations can be viewed either via the P22 club website, where 'C' sheets are available to download, via the P22 app or within the P22 Virtual Reality Hospital environment. Links to which are hosted on the ProCure 22 club site. https://procure22.nhs.uk/repeatable_rooms_app/

Each Repeatable Room is hosted in 'StandardShare' on the P21+ Club site. There is summary document for each room showing the designs and supporting information.

Where a client wants to incorporate a repeatable room in their design, they should review the information on StandardShare and then contact their PSCP with a Royalty Free Licence Request form. PSCPs will retain actual BIM and CAD files but will make them available upon Royalty Free Licence request, these include:

- 2D layouts and elevations
- Room Data Sheet
- 3D Model
- Product literature/information links
- ADB Equipment Schedule
- Cost data
- Maintenance requirements



Peter Hansford (Government Chief Construction Advisor)

"to develop and share their designs and procure standard specifications across the framework is, frankly, I think it's a first – its certainly an exemplar"

