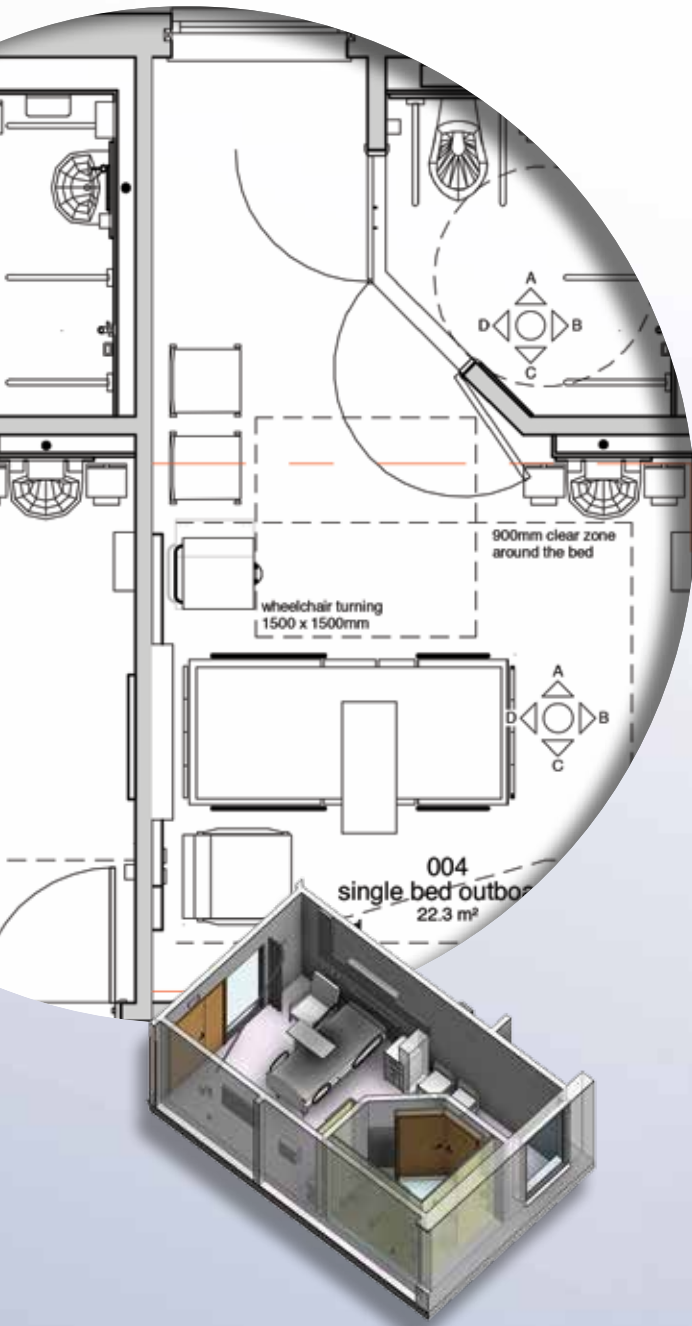


ProCure21+

Delivering Cost Reduction through Standardisation

NATIONAL ROLLOUT



- Robust way of **adding extra value** to capital schemes
- **Evidence-based designs** that improve patient outcomes
- Significant **cost reductions**
- **Eleven** repeatable rooms and a **range** of standardised components
- **Free of charge** to the NHS when using the ProCure21+ framework
- Designs and all supporting documentation **freely available**

Single bedroom with en-suite

(three arrangements)

The Repeatabe Rooms and Standardised Components

initiative is a step-change that will enable ProCure21+ to deliver and even exceed the 14% savings required by the Government Construction Strategy. An accelerated but thorough planning and design stage has brought together stakeholders and experts from across the NHS and the supply chains to produce a series of repeatable rooms and standardised components adding extra value to healthcare construction schemes delivered through the framework.

"It is no longer appropriate to design 'statement' healthcare buildings and re-invent the wheel, at a higher-than-necessary cost, for every new scheme," says Department of Health Head of Profession Peter Sellars. "Instead, the focus is on efficiency of capital and process, and standardisation is a cornerstone to that efficiency." At a National Seminar held in April last year, 95% of NHS Trusts attending voted in favour of a move towards standardisation of rooms and components.

up to
9%
savings
compared with
HPCG model



The single bedroom with en-suite shower room is available in three arrangements to suit local choice, still using the standardised components and fully HBN and compliant.

Outboard en-suite provides the best footprint and natural light for observation and patient care.

Inboard en-suite provides improved views and natural daylight.

Nested en-suite provides a shallower profile, maintaining good views of the exterior and natural light for observation and patient care.

Consult/exam room

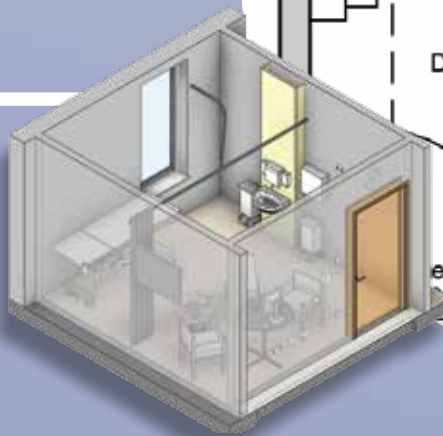
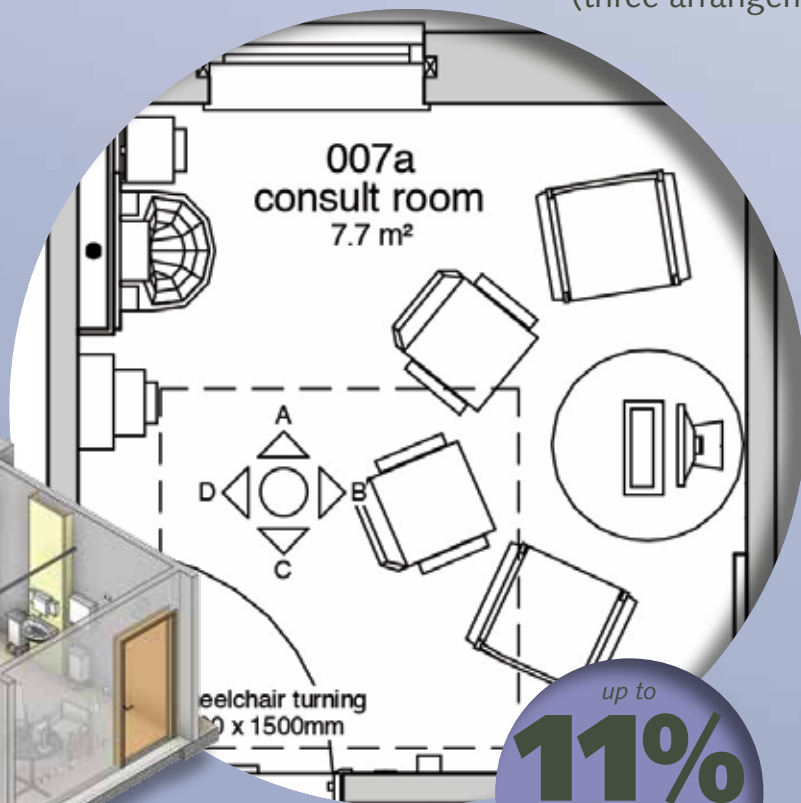
(three arrangements, two options)

The consult/exam room is available in three arrangements to suit local choice, fully HBN compliant. These include a consult-only room and open-plan examination couch near a window, respectively. Each couch provides two further variations – one with one-sided access, and the second with two-sided access.

Consult/exam room (consult only) provides similar benefits to the open-plan arrangement, as well as offering full access for wheelchair users. By room design, two-sided couch access can be provided.

Consult/exam room (open-plan) provides a smaller room footprint with a window near window arrangement, prioritising sightlines on examination extension, three-sided couch access.

Consultation room (no examination couch) provides the smallest room footprint with a window, seating, space for four people, a monitor and space for artwork.



up to
11%
savings
compared with
HPCG model

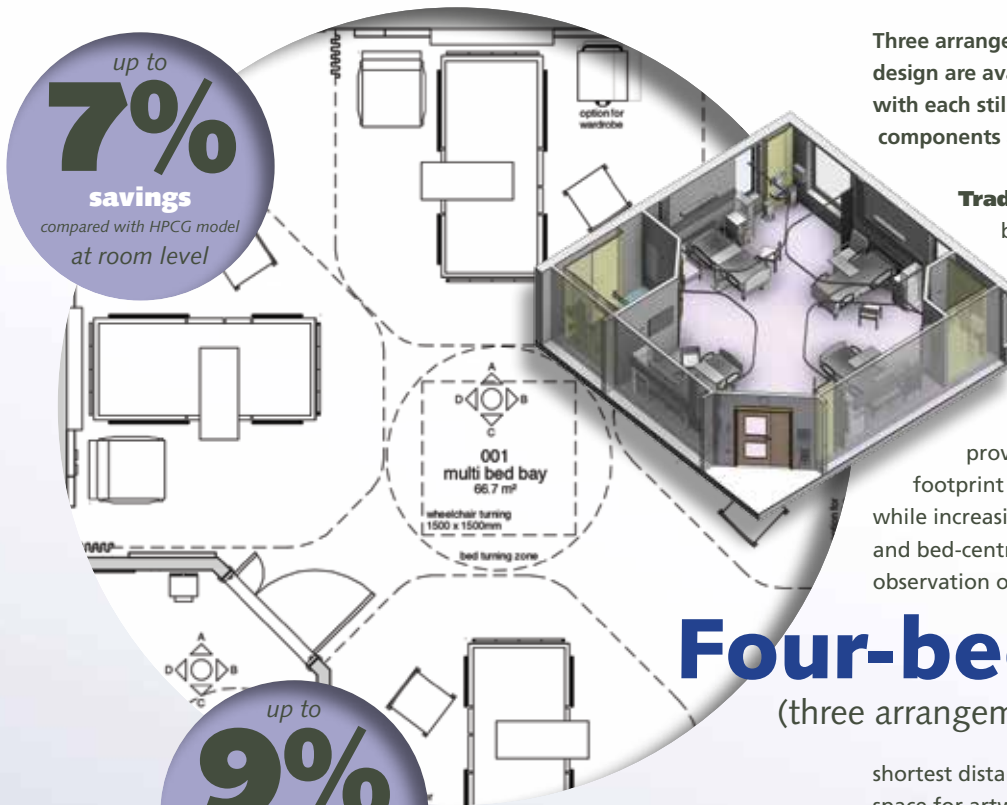
suite

room with en-suite is available in three arrangements, to suit local choice, with each arrangement using the same standard components and each being fully HBN compliant. See the Design Manual for more details.

en-suite, the smallest room in the ward offering good views and social contact.

en-suite, providing views to the exterior and daylight.

en-suites, providing an depth whilst offering good views to the exterior and prioritising views and social contact.



Three arrangements of this repeatable design are available to suit local choice, with each still using the same standard components and being fully HBN compliant.

Traditional layout, with reduced bay footprint, observation of three out of four beds from the corridor, reduced distances to en-suites, and space for artwork

'Diamond' layout, providing a balance of small bay footprint and corridor wall length, while increasing the bedhead-to-bedhead and bed-centre-to-bed-centre distances plus observation of all beds from corridor and

Four-bed bay (three arrangements)

shortest distances to en-suites as well as space for artwork

T-form layout, providing the smallest bay footprint, a shallow plan depth and a window for each bed plus space for artwork

Standardised components

Standardised components complement and support the repeatable room designs, but are not mandatory, and may also be used independently of the repeatable room designs in a refurbishment or new-build scheme.

designed in three choice with each being arrangements include options to position the window or near the door position arrangement has the variation giving two-d variation giving three-

(such near window), to the consultation room possibility to the couch for extension, three-sided ed

(such near door), footprint than the couch with a consultation focus try to the room. By room h access can be provided

(couch), providing the file giving a choice of ons, shared views of a ork

up to **37%** savings hard flooring

Hard flooring Tarkett Flooring, offering vinyl and linoleum products with options for both capital and operational cost benefits and a fixed price, to end 2015 – savings up to 37%

up to **27%** savings suspended ceilings

Suspended ceilings Rockwool Rockfon, offering a single tile system for all HTM60 Class 2-5 performance requirements, with 30-year warranty, Class A1 fire resistance and Class A sound performance. Savings up to 27%

up to **32%** savings doorsets

Doors Five preferred suppliers offering 14 standard doorsets – including options for finish, vision panels and noise/fire performance. Target savings up to 32%

up to **27%** savings lighting

Lighting Whitecroft Lighting, offering a range of UK-manufactured luminaires, all with LED options, with extended five-year warranty, reduced LED installation payback period and fixed price to end 2016. Savings up to 27% on normal fittings, and up to 18% on LED options

up to **40%** savings sanitary ware

Sanitary ware Pipe Centre and Ideal Standard working together, offering a range of UK-manufactured sanitaryware and stainless steel products with fixed prices to end 2016. Savings up to 40%

up to **30%** savings air-handling units

Air-handling units and Pipework Technical guidance papers have been prepared with suppliers and designers, explaining potential cost-savings from design decisions and alternative methods. Savings of up to 30% (air-handling units) and 20% (pipework)

up to **20%** savings pipework

The **development process** to date has been accelerated but thorough. Following a National Seminar in April 2013, the NHS sanctioned the ProCure21+ Principal Supply Chain Partners (PSCPs) to develop the programme.

A literature review was carried out, and an evidence matrix was drawn up in collaboration with the Medical Architecture Research Unit (MARU)

at London South Bank

University. In parallel, exemplar designs from current and previous schemes were collated for assessment against the evidence matrix.

This enabled a core team of health planners, architects, design managers and cost managers to create a set of initial designs, which were subjected to scrutiny and amendment by a patient focus group and an expert

review panels with clinical and professional representatives.

StandardShare

Details of all repeatable rooms and standardised components can be found on the new ProCure21+ portal, StandardShare.

Additionally, Guidance Notes 19 and 20 are available to guide users in their implementation – this can be found on the ProCure21+ Club website's Guidance section.



For more information on the Cost Reduction Programme and Repeatable Rooms and Standardised Components, please contact the ProCure21+ lead at your Principal Supply Chain Partner.

more information

Alternatively, for general information, please contact the ProCure21+ Helpdesk at the Department of Health on p21helpdesk@dh.gsi.gov.uk.

Development

Following this, amended designs were mocked-up and tested to determine 'real-world' usability, before a final technical review. These are being rolled out in February 2014 as BIM models with 2D and 3D drawings, and data on product performance, maintenance and costs.

