

Derby City Scrutiny Board – 4 October 2022

Derbyshire Orthopaedic Centre Project (DOCP) – Summary Paper

1. Project aims and objectives

The project aims to develop a standalone Orthopaedic elective surgery centre in South Derbyshire to reduce the current and future waiting list size, offer high quality care and provide a solution to the capacity and demand issue for Orthopaedic care in Derbyshire. The project will focus on increasing the quantity of arthroplasty surgery in the locality. This type of treatment is in high demand within Derbyshire thus making it a key driver of the scheme. This project is primarily led and managed by University Hospitals of Derby and Burton Foundation Trust (UHDB) on behalf of the Derbyshire system, working with Chesterfield Royal Hospital NHS Foundation Trust (CRHFT) to provide a regional solution to the orthopaedic issue in South Derbyshire.

The scope of the design includes a three-floor new build development to accommodate three orthopaedic laminar flow theatres, admission rooms, pre-operative assessment facilities, anaesthetic rooms, scrub area, staff support facilities as well as office and training space. The centre will deliver several types of arthroplasty work including knees, hips, revisions, upper and lower limb but excluding spine and hands.

The project will provide a 38-bed male and female ward modelled as 18 single bed bays, two 4-bed bays, which can be segregated into male and female wards and three 4-bed enhanced recovery bays. This will enable the centre to deliver over 3,000 elective arthroplasty procedures each year.

The key rationale for this development includes:

- To contribute to the national and regional drive to reduce waiting list sizes for Orthopaedic care, which has been described as the worst affected speciality in Britain.
- To manage the Orthopaedic demand and capacity imbalance created by annual growth in patients requiring surgery, and loss of bed capacity over the winter periods and during the Covid-19 pandemic resulting in extended waiting periods.
- To provide high quality patient care and experiences – patients waiting for Orthopaedic care face mental and physical health challenges which can severely impact their ability to undertake everyday activities.

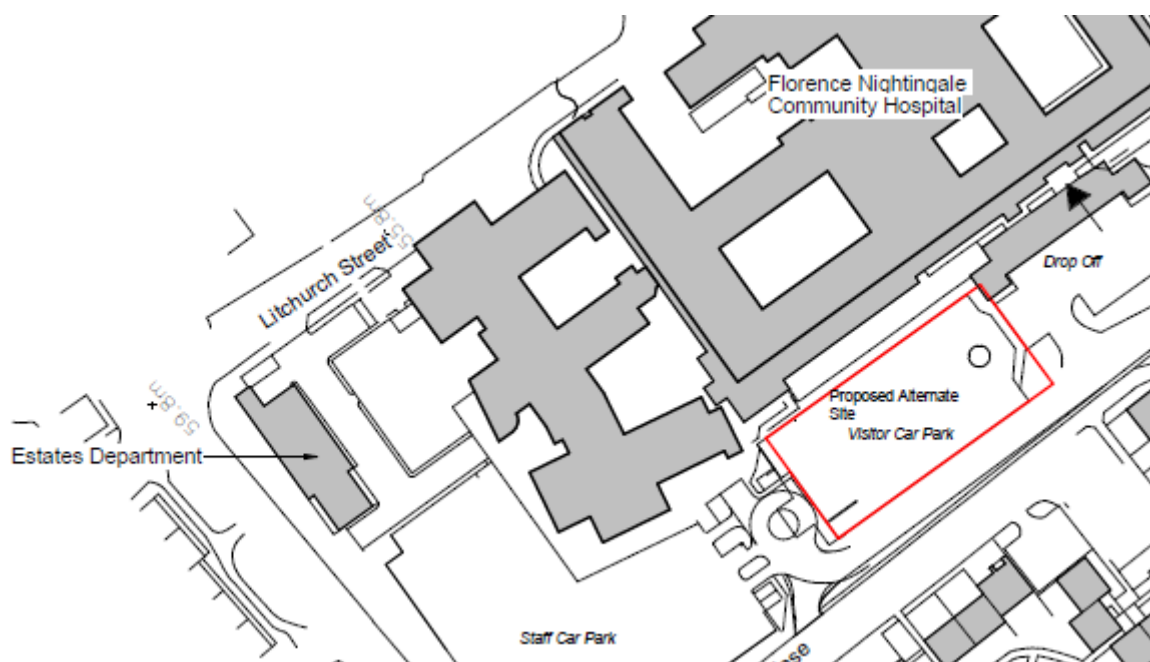
2. Benefits

- Provides ring-fenced capacity for 12 months of the year increasing annual capacity significantly.
- Facilitates enhanced patient care and experience and allows the delivery of high-quality outcomes.
- Provides the capacity to manage future elective growth and repatriate Derbyshire activity that is currently being delivered outside of the county.
- Contributes to an improved pathway overall through addressing orthopaedic issues early on before they escalate.

- Facilitates improved pathways in other specialities such as paediatrics and spinal at UHDB through use of three vacated theatres (moved in a lift and shift to the new centre).
- Provides additional capacity throughout the wider system through repatriation of patients currently cared for outside of Derbyshire and the NHS.
- Promotes patient choice in Derbyshire as orthopaedic services will remain on all sites.

3. Site location

Florence Nightingale Community Hospital (FNCH) came out as the preferred option during the Outline Business Case development. The location of the centre within the FNCH site has been discussed over a period of months with several possible options being considered. Following exploration of the site by contractors (GallifordTry) and the architect team the preferred location of the centre has been finalised as illustrated below:



The current workshops/estates department will be transformed into a car parking area to substitute the spaces lost by the building of the Orthopaedic centre.

4. Costs and Funding

The current indicative cost of the build is £39.9m, based on HBN cost estimates developed by Arcadis senior cost adviser for UHDB and the P22 Providers Galliford Try. The costs are based on a traditional construction at the FNCH, the potential funding source is NHSEI elective recovery funding.

5. Programme

The below table outlines the current programme dates:

Deliverables – Business Case	Milestone
Outline Business Case submission to NHSEI	18 November 2022
Full Business Case submission to NHSEI	21 April 2023
If funding approved – Deliverables - Construction	Milestone
Mobilisation and start on site	July 2023
Completion of build and Centre opening	July-December 2024 (programme dependant)