1. Modern services
Our hospital needs to provide modern, safe, sustainable and affordable healthcare services

2. New demands
Hospital treatments are changing fast and our hospital needs to meet new demands

3. Ageing society
We need to be ready for a larger number of older patients with more complex illnesses

4. Right care, right place
We want to focus on patients that need to be treated in hospital and support more care in the community

5. Key staff
A modern hospital is needed to attract key staff

www.futurehospital.je

Future Hospital
New hospital services for a healthier Jersey
1. **Independent survey**
   An independent survey confirmed that almost every part of our hospital fails to meet modern healthcare standards.

2. **Lower standards**
   Attempts to upgrade our current general hospital would fail short of the standards that can be achieved in a new-build hospital.

3. **Poor value refurbishment**
   Refurbishment is a short-term fix, poor value for money and causes significant disruption to patients.

4. **Failing equipment**
   Much of our equipment is failing, leading to more breakdowns and risk of serious disruption to patient care.

5. **Overcrowding**
   Our current hospital is overcrowded, has little storage and is hard to keep free of infection.

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*Future Hospital*
New hospital services for a healthier Jersey
1. Single rooms
   More single rooms with en-suite bathrooms will prevent infection and improve privacy, dignity and rest for patients

2. Modern theatres
   Modern theatres would ensure operations are carried out more efficiently, reducing patient waiting times

3. Safety and efficiency
   Our hospital services need to be in the best place for patient safety and efficiency

4. Faster diagnosis
   Emergency Patients will be seen, diagnosed and treated more quickly, ensuring more people can recover out of hospital

5. Fewer visits
   More treatment will be provided to out-patients in a single appointment to avoid unnecessary visits

6. Shorter stays
   More patients will be treated with a shorter stay in hospital enabling wards to focus on those who must be in hospital

What a new hospital offers Jersey

www.futurehospital.je
Jersey General Hospital – Notional Design
Jersey General Hospital – Notional Design
How is this different from the previous scheme?

**Previous JGH scheme**

- 11 years, 3 months to achieve operational status
- 4 major construction phases
- £630m*
- Higher risk
- Increased disruption

**Current JGH scheme**

- 8 years to achieve operational status
- 1 major construction phase
- £466m**
- Lower risk
- Less disruption

*N.B. Previous scheme valued at Q3/2015  ** current scheme valued at Q2/2016*
## Costs and Scores

<table>
<thead>
<tr>
<th>Option</th>
<th>Capital Expenditure (£million)</th>
<th>Net Present Value (£million)</th>
<th>Weighted Benefits Rank</th>
<th>Weighted Risk Rank</th>
<th>Cost per Benefit Rank</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. Dual Site</td>
<td>510</td>
<td>4,092</td>
<td>6</td>
<td>6</td>
<td>6</td>
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<tr>
<td>B. Overdale Hospital</td>
<td>428</td>
<td>3,971</td>
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<td>C. Current General Hospital</td>
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<td>D. Waterfront Site</td>
<td>469</td>
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<tr>
<td>E. People’s Park</td>
<td>440*</td>
<td>3,938</td>
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<td>2</td>
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<tr>
<td>F. Extended Current Site</td>
<td>466**</td>
<td>4,001</td>
<td>3</td>
<td>3</td>
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</tr>
</tbody>
</table>

N.B. Options A-E valued at Q3/2015, Option F valued at Q2/2016

*Excludes indirect regeneration costs and receipts

**Subject to confirmation following feasibility
Massing Studies and Design Development

Compact Model

- Multi-storey hospital requires vertical clinical adjacencies
- Compact base or podium provides optimal adjacencies for “hot” functions
- Efficient staffing model (inpatient wards)
- Compact and stepped ward on upper floors maximises flexibility and efficiency
- Interconnected wards provide maximum flexibility

Tower & Podium

- Multi-storey hospital requires vertical clinical adjacencies
- Compact base or podium provides optimal adjacencies for “hot” functions
- Ward tower has limited flexibility and efficiency
- Tower and podium does not respond sympathetically to local context

Compact form respond to height and character of local context
Compact form is efficient to build and operate
Maximises natural light and use of ventilation
Transfer of inpatients to diagnostic and treatment areas on lower levels
Reduced time and distance travel
Low planning risk

Tower is inefficient to build and operate
Maximises natural light but limits use of natural ventilation at upper levels of tower
Tower form creates negative impact on microclimate
Increased time and travel
High planning risk
Site Access - Transport

Potential enhancements undertaken to enhance construction stage transport will remain to provide improved transport routes associated with the new hospital.

Two way traffic lanes to be introduced - This requirement is based on emergency vehicle access and may not be necessary if access can be taken external of the highway network (see inset).

Connecting walkways between Patriotic Street car park and the hospital.

Newgate Street improved to two-way running.

Possible Selective Vehicle Detection

Potential use of this route for bus route with controlled/permitted through route

Level of vehicular conflict expected to be low at Patriotic Street Car Park Exit, with only scheduled delivery vehicles and Emergency vehicles afforded the ability to ‘drop’ the bollards through use of ‘fob’, intercom or ANPR and travel the full length of Newgate Street.

Emergency Department

New Bus Stop

Existing Pedestrian Crossing Facility

Car Parks

Note: All works subject to future assessment and agreement with authorities.
DRIVING
The nearest public car park is Patriotic Street. The bottom level is reserved for hospital patients.

Site Access – Vehicular Routes
Designing from the inside out

We are asking clinicians and staff what they need to ensure each department is fit for purpose.

Hospital treatments are changing fast and more patients have complex illnesses so our hospital needs to meet new demands.

We know the % of older people is growing.

The new hospital will need more beds to be ready for a larger number of older patients, however, we are also factoring in efficiencies from new ways of working and care of more patients in the community to ensure the hospital will be the right size.

We will ensure that departments are close to the other services they work with, which means smoother treatment and transition for patients.

Capacity Modelling:

- Current Beds
- Increasing Demand
- Efficient Care
- Care in the Community
- Future Beds
New models of care

New ways of working will support efficiency improvements and the flexible design of the new hospital will support future innovations.

**Day of Surgery Unit**

Patients arrive to a bespoke reception area with no need for a bed prior to surgery.

More theatre patients can be discharged within 23 hours to allow them to recover out of hospital.

**Ambulatory Emergency Care**

Treating more patients in a seated assessment area to reduce admissions to a ward.

We can test, diagnose and treat patients more quickly ensuring more people can recover out of hospital.

**Single rooms**

More single rooms with en-suite bathrooms will prevent infection and improve privacy, dignity and rest for patients and staff will have more spacious areas to work in.

**Fewer visits**

More treatment will be provided to out-patients in a single appointment to avoid unnecessary visits.
In the concept stage the healthcare planners are considering carefully which departments should be located on each floor.

During the 2 years of technical work detailed designs will be drawn up.
Acute Service Strategy

The Acute Service Strategy describes a vision for the future of our hospital services which includes:

- A new hospital for Jersey, built to modern standards, within the next 10 years.
- Making more use of our clinical support services to ensure outpatients and day-patients are treated as swiftly as possible.
- Smoother working across the Jersey healthcare system as a whole.
- Improving discharge planning so patients can leave hospital as soon as they’re able to either their home or out of hospital care.
- Continuing to modernise our Emergency Department. Emergency care will continue to be treated as a priority.
- Continuing to provide services for both public patients and private patients.
- Providing great hospital care for patients but minimising the length of their hospital stay.
- Focusing on providing the best possible value from hospital services without compromising on safety.
- Focusing on only hospital-specific activities, so that we know every inpatient really needs the services we provide.
- Treating all patients on-island wherever possible, but if care in the UK is needed, this will be available.
- Smoother working across the Jersey healthcare system as a whole.
- Improving discharge planning so patients can leave hospital as soon as they’re able to either their home or out of hospital care.

Future Hospital
New hospital services for a healthier Jersey.
Next steps

2016 States decision on site selection

2017 States decision on design, financial & workforce implications

2017 - 2018 Develop detailed plans in partnership with hospital users

2019 Start build

2024 Hospital opens
A new hospital should capture the essence of what we value most on Jersey reflecting our spirit of independence and our community values.
The core purpose of the hospital is to be an environment that provides excellent care for everyone all of the time, now and for the future.
Everyone who experiences the Hospital can feel inspired and take pride in how much Jersey values care.