



In 2016, An Bord Pleanála granted planning permission for the new children's hospital on a campus shared with St. James's Hospital as well as two new Paediatric Outpatients and Urgent Care Centres at Connolly and Tallaght Hospitals. Planning was also granted for a Children's Research & Innovation Centre and a 53-bedroom family accommodation facility on the same campus as the hospital.

St. James's Hospital was selected as the location for the new children's hospital because it will best support the delivery of better clinical outcomes for children and young people. It is recognised international best practice from a clinical perspective to locate children's hospitals on the same campus as an adult teaching hospital. St. James's Hospital is Ireland's largest research-intensive hospital. It has the most clinical specialties and national services in one place. It also provides access to the greatest breadth and depth of adult subspecialties in Ireland that are relevant to support children and young people attending the new children's hospital.

The campus at St. James's Hospital will be a leading campus in healthcare and research in Ireland, a leading adult teaching hospital, a children's hospital and in time, a new maternity hospital, when the Coombe Women and Infants University Hospital is relocated on the campus.

“Ireland will have a world class new children's hospital that is purpose built to deliver the best care and treatments that are available for future generations to come.”

Ireland's new children's hospital

- The new children's hospital, which will open in 2022, will bring together the three children's hospitals - Temple Street Children's University Hospital, Our Lady's Children Hospital, Crumlin and the National Children's Hospital, Tallaght into a world class building.
- There will also be two new Paediatric Outpatients and Urgent Care Centres central to the model of care - one at Connolly Hospital, due to open in 2019 and one at Tallaght Hospital, scheduled to open in 2020.
- Construction works on the new children's hospital is progressing well and is expected to open in 2022.
- Construction on the two new Paediatric Outpatients and Urgent Care Centres at Connolly Hospital and Tallaght University Hospital are also progressing well. The centre at Connolly Hospital is due to open in Summer of 2019 and at Tallaght University Hospital in 2020.



A World Class Children's Hospital



6150 rooms in total

Located on **12** acres



the size of **6** soccer pitches

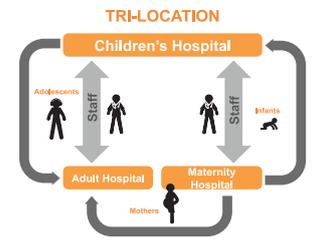
380

individual, ensuite inpatient bedrooms each with a bed for parent



1,000 Parking Spaces

675 dedicated for families
31 emergency spaces at ground level



Tri-location with Adult Maternity hospitals on a shared campus

93

Day Beds



The size of Dundrum Town Centre, with an internal street the length of Grafton Street

53 53 unit family accommodation facility



A Children's Research and Innovation Centre

1st public digital hospital



22 Operating theatres & procedure rooms (nch only)



4 acres of outdoor space with **14** gardens and courtyards



2 New paediatric outpatients & urgent care centres at Tallaght and Connolly Hospital



working together for our children

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Making Life Easier for Families:

- There are **1,000** parking spaces at the new children's hospital; **675** of which will be dedicated for use by families
- The parking system will allow families to reserve spaces ahead of arriving to the hospital for planned procedures
- **31** spaces at the emergency department will be supported by concierge services. Any parent or guardian bringing a child to hospital in an emergency can leave the car with the concierge allowing them to bring the child directly into the Emergency Department.
- Sufficient numbers of spaces will have extra width to facilitate unloading wheelchairs and medical equipment. This is something that parents highlighted as a real need during our consultation process and we have ensured that sufficient numbers have been included.

The new children's hospital centrally located:

- The campus shared with St. James's Hospital is centrally located in Dublin and has more public transport links than any other hospital in the country. This is important for staff working in the hospital, for visitors and for the hundreds of students who will participate in research at the hospital every day.
- The Luas will stop directly at the new children's hospital, many bus routes pass directly by, and Heuston Station is within close proximity. There are also Just Eat Dublinbike stations.
- There will also be park and ride facilities at the Red Cow for staff or visitors who wish to 'park and ride' to the hospital via the Luas.

NCH The new children's hospital

- Largest capital investment project ever undertaken in Irish healthcare
- St James's Hospital is Ireland's largest and leading research-intensive hospital
- **39** clinical specialties under one roof
- Ireland's first public digital hospital
- St. James's Campus is served by more public transport options than any other hospital in Ireland
- **1,000** parking spaces at the new children's hospital, **675** for families
- **380** individual en-suite in-patient bedrooms all with a bed for parents
- **93** Day Beds
- **18** operating theatres
- **53** Unit Family Accommodation Facility
- **4** acres of green space – 14 gardens and internal courtyards, including a rainbow garden the length of Croke Park
- A Children's Research and Innovation Centre

The Digital Hospital Concept...



A **digital hospital** aims to be 'paperlite', utilising technology systems to streamline and automate processes.

Physical design of the building is based on it being a **digital hospital**. Our 'digital first' and mobile strategies will be supported by **wireless technologies** throughout the hospital.



Your hospital check-in will be **quick and easy** through the use of **Self-Service kiosks**.

We know that finding your way around a hospital can be stressful. Using **smartphone apps and interactive screens, wayfinding** will help guide you to your destination.



Your child's **key information** (allergies, current medications, etc.) will be captured once and available to you and all clinical staff through the **Electronic Healthcare Record (EHR)**.

While your child is an inpatient, the **Patient Edu-tainment system** will provide you and your child with **health information** about your child's condition, **entertainment, food ordering and school education**.



The new hospital will be a **centre of excellence** for training healthcare professionals. To enhance learning, we will **stream live video** from operating theatres to the 3 lecture theatres in the hospital.



Hospitals operate 24/7 with a constant movement of goods and supplies. This will be supported by **Automated Guided Vehicles (AGVs) or robots**.

Medical Imaging Equipment...

2 High End 3D mobile C-arms	3 Navigation Systems	22 Reporting Workstations	2 Fluoroscopy
7 General X-Ray Rooms Additional 4 in POPD & UCC Centres	2 Specials (DXA & EOS)	5 Mobile Fluoroscopy	11 Mobile X-Ray Systems Additional 2 in POPD & UCC Centres
30 Ultrasound Additional 2 in POPD & UCC Centres High End Radiology 6 Ultrasound 24 Mobile Ultrasound	4 Hybrid Theatre Fluoroscopy Systems 3 Bi-plane, 1 Single Plane	9 Dental Intra-Oral & OPG Additional 2 in POPD & UCC Centres	1 X-ray Ceiling Unit Resus 3 Bays
3 Computed Tomography & SPECT/CT	7 Magnetic Resonance Imaging Systems 1 Intra-operative, 6 MRI Radiology		