

# Children's Health Ireland

## Electronic Health Record

22nd October, 2021

EHR programme [ehrprogramme@nchg.ie](mailto:ehrprogramme@nchg.ie)

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# Children's Health Ireland

**CHI@ Connolly :  
Urgent Care and  
OPD**



**CHI@ Crumlin**

**CHI@ Temple St**



**CHI@Tallaght :  
Emergency care,  
OPD & Inpatients**

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# Development Phases for Children's Health Ireland

2024 -



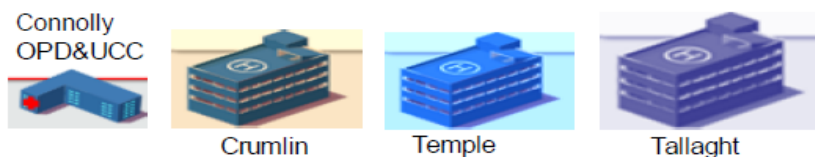
- CHI will be central to the Integrated National Clinical Network for child health

2020 - 2024



- Single organisation
- New Children's Hospital opens, and existing facilities continue to provide services for continuity purposes for a short period of time

2020



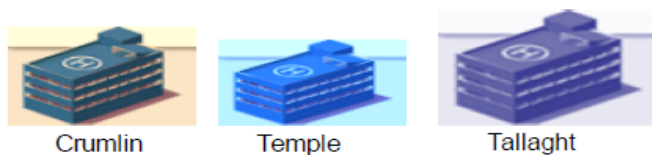
- Single organisation
- CHI Board – Legal remit for service provision across five locations. Consideration will be given to service transformation across these locations.

2019



- Single organisation
- CHI Board - Legal remit for the provision of services initially across the three existing locations of care in Dublin and then across five locations when the OPD & UCCs are opened.

2018



- Existing governance structures, Hospital CEO's - 3 locations
- CHG Board - Advisory remit for services integration and reconfiguration and cross hospital working and client for hospital build
- Group CEO and Group Management team

# The Future



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# What needs to happen for the new hospital to open?

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1. **Hospital structure** built and commissioned
2. **Infrastructure:** digital infrastructure of the hospital operational
3. **People and Culture:** come together as 'one'
4. **Electronic Health Record:** procured and successfully deployed

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# Construction Progress

Photos courtesy of NPHDB  
(National Paediatric Hospital Development Board)

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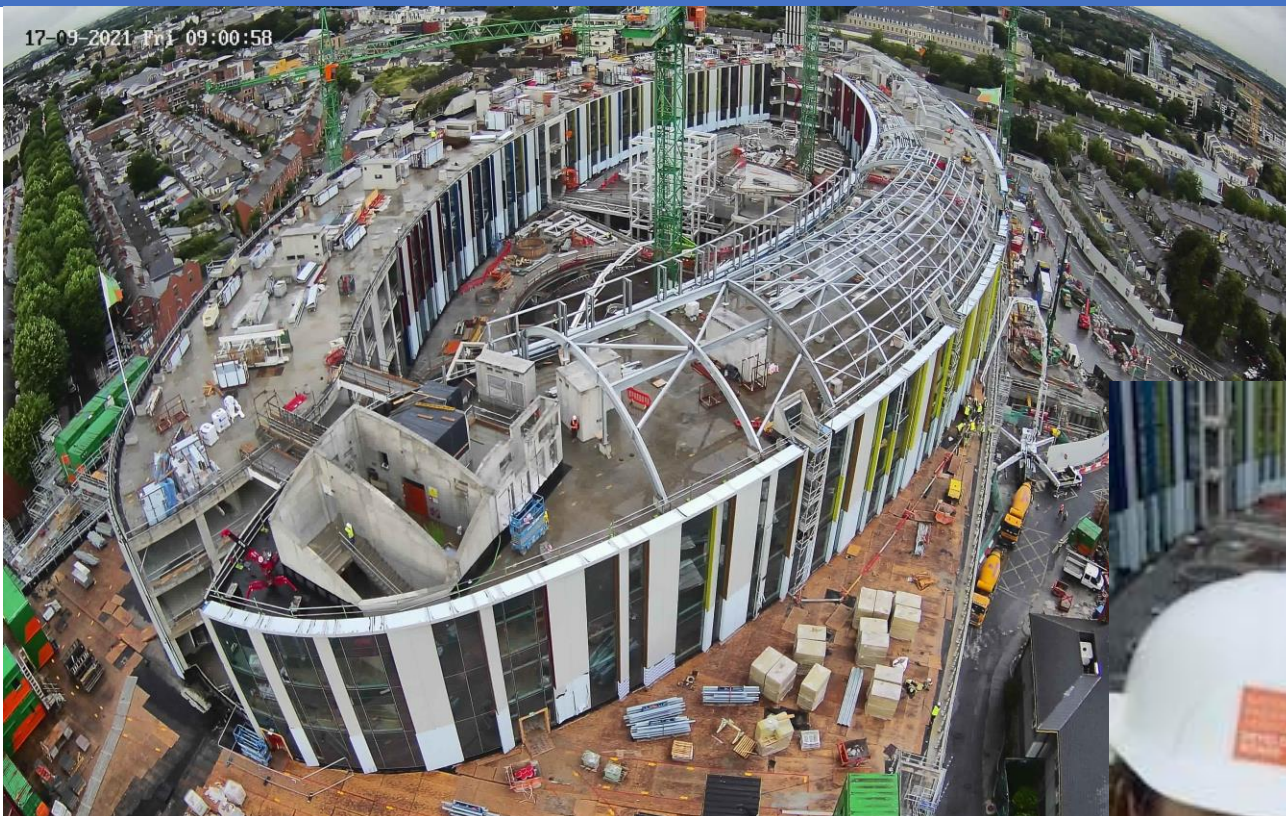
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# External Structure



EHR Programme Staff on site tour

Nov 2020



Jun 2021



NATIONAL  
PAEDIATRIC  
HOSPITAL  
DEVELOPMENT  
BOARD

DESIGN  
BUILD  
EQUIP



working together for our children



Tionscadal Éireann  
Project Ireland  
2040

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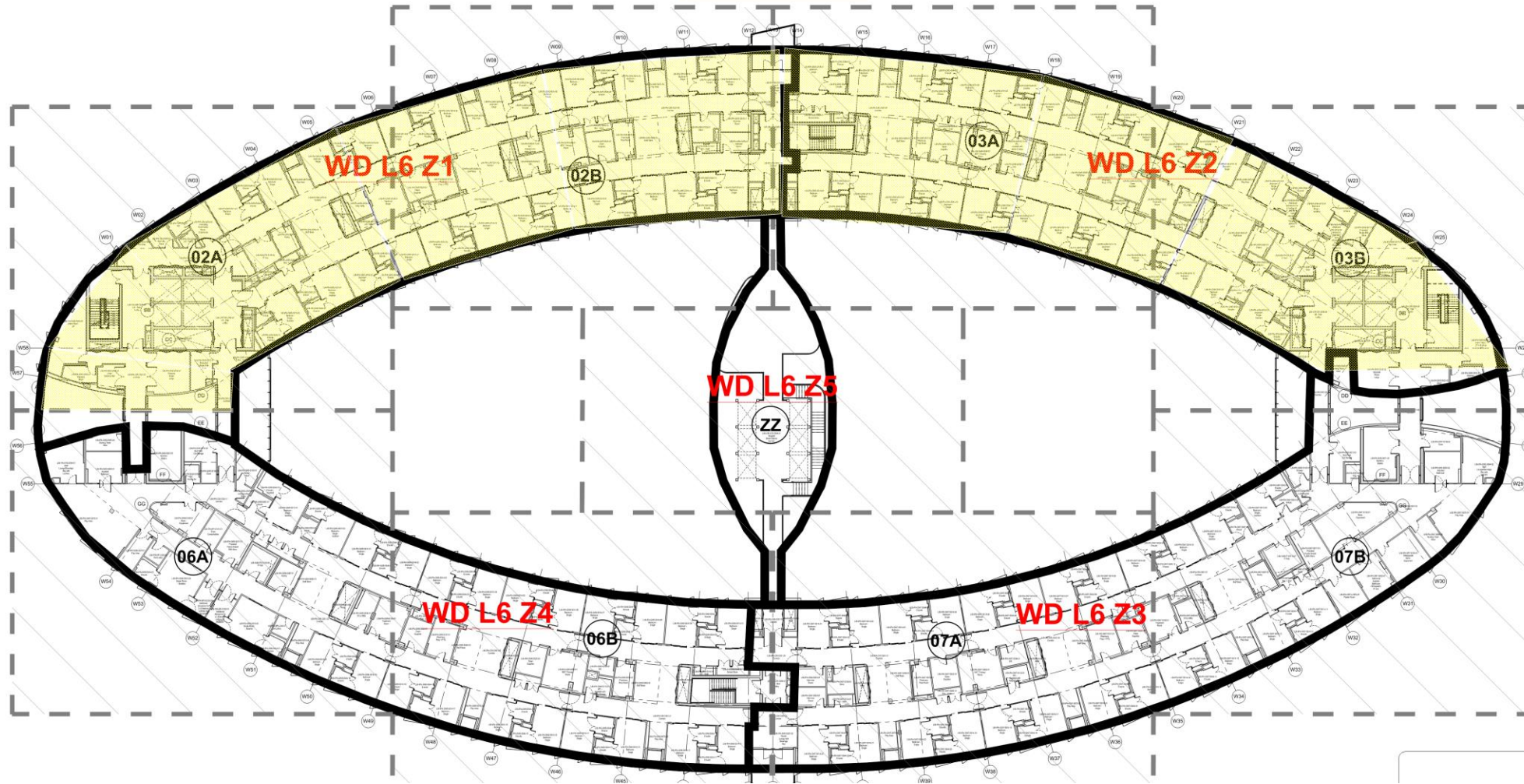


# ICU – Single Bay



# Fit Out - Ward Block

## WARD BLOCK



# The Digital Hospital and the EHR



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# What is EHR and Why Implement?

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- Comprehensive, up-to-date record of a person's medical history
- ✓ Support accurate, safe and timely patient care
- ✓ Better experience for patients
- ✓ Reduce variation and duplication
- ✓ Easier to share patient information across sites

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# Strategic Context of CHI's EHR to the National EHR



# National Acute EHR Programme

CHI 's EHR programme aligned to national objectives

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- To improve and enhance **quality, patient safety, and clinical excellence** in the acute setting
- To enhance the **patient experience** leading to more informed and engaged patients and citizens
- To support **standardised workflows** (and analysis of same), implement care pathways, and track progress of the patient through these in the acute setting
- To enhance the **efficiency of health service staff** in the acute setting
- To support the **demands of “business as usual”** across the healthcare system while maintaining alignment with the overall national health system vision and direction
- To leverage and **integrate existing national systems** and investments
- To encourage and harness **innovation in the wider eHealth ecosystem** in Ireland and internationally. To reliably address the existing and emerging needs of security and privacy
- To allow the evolution of a National Shared Record in viable phases that are increasingly information rich

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











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# CHI's Electronic Health Record Programme

## Single longitudinal patient record

 Medications	 Emergency	 Health information management
 Orders, results and referrals	 Scheduling	 Research
 Clinical documentation	 Portals	 Mobile apps
 Theatre and anaesthetics	 Medical device integration	 Reporting
 Outpatient	 PAS	

**EHR**



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# EHR Procurement Strategy

## Competitive Dialogue Process

### Overview of steps

Request to Participate (RTP)

Invitation to Participate in Dialogue (ITPD)

Vendor dialogue

Invitation to Submit Detailed Solution (ISDS)

Vendor dialogue

Release Invitation to Submit Final Tender (ISFT)

Evaluate and Select Preferred Vendor/ Solution

Contracting

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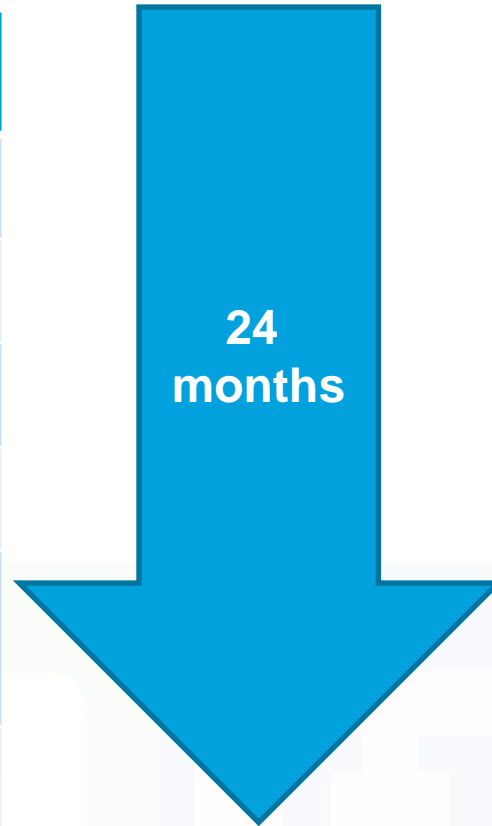


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# EHR Implementation



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# EHR opportunities & challenges



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# EHR Challenges



- High acquisition & ongoing maintenance costs
- **Complex set of changes** in care delivery from a fundamentally paper driven environment
- Complex implementation processes
- Training: good quality
- User adoption
- Inequalities in computer literacy amongst users
- Dissatisfaction: EHR will not remedy all difficulties in healthcare

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# EHR Opportunities



- Improved **clinical outcomes**
- **Improved patient care** by enabling clinical, structural and financial reform
- **Data** and analytics easily available
- **Cost savings**
- **Financial and operational benefits** for organisation and reputation

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# Get in Touch

- Interested in knowing more [ehrprogramme@nchq.ie](mailto:ehrprogramme@nchq.ie)
- Want to join? <https://chi.jobs>



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## Our Success Lies in People Like You

Children's Health Ireland (CHI) at Crumlin, Temple Street, Tallaght and Connolly is working towards the opening of two Paediatric Outpatients and Urgent Care Centres. CHI has a range of opportunities to join our existing teams, in delivering enhanced paediatric services to transform children's healthcare.