



XII INTERNATIONAL CONFERENCE MES-2018  
'Modern Engineering Systems. Architecture of Health'

## UC San Diego Jacobs Medical Center

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Principal, Director of Health Interiors

# 01 | Project Statistics

Location: La Jolla California

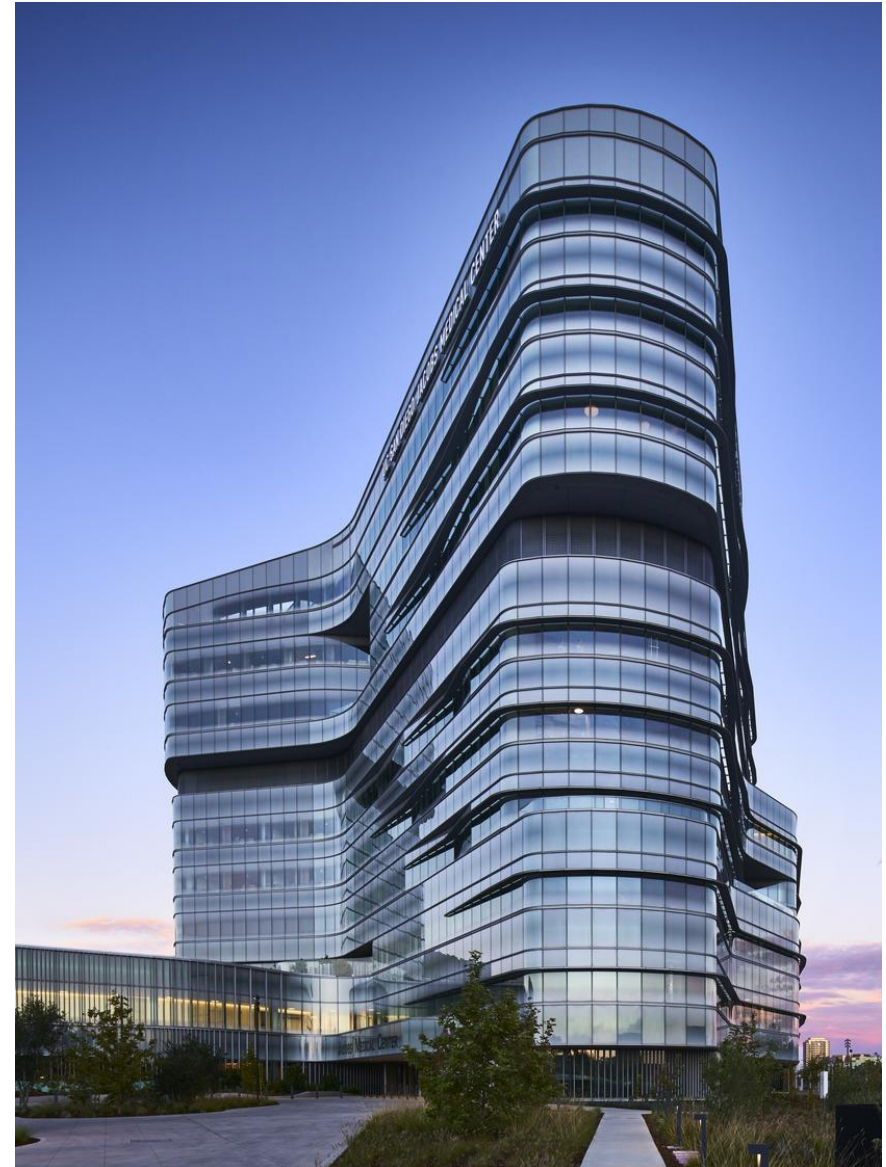
Completion: November 2016

Size: 490,000 sf/45522 m2

Departments: Advanced Surgery, Cancer Hospital, Woman and Infants Hospital

Mission:

To create a healthier world – one life at a time – through science, new medicine and new cures

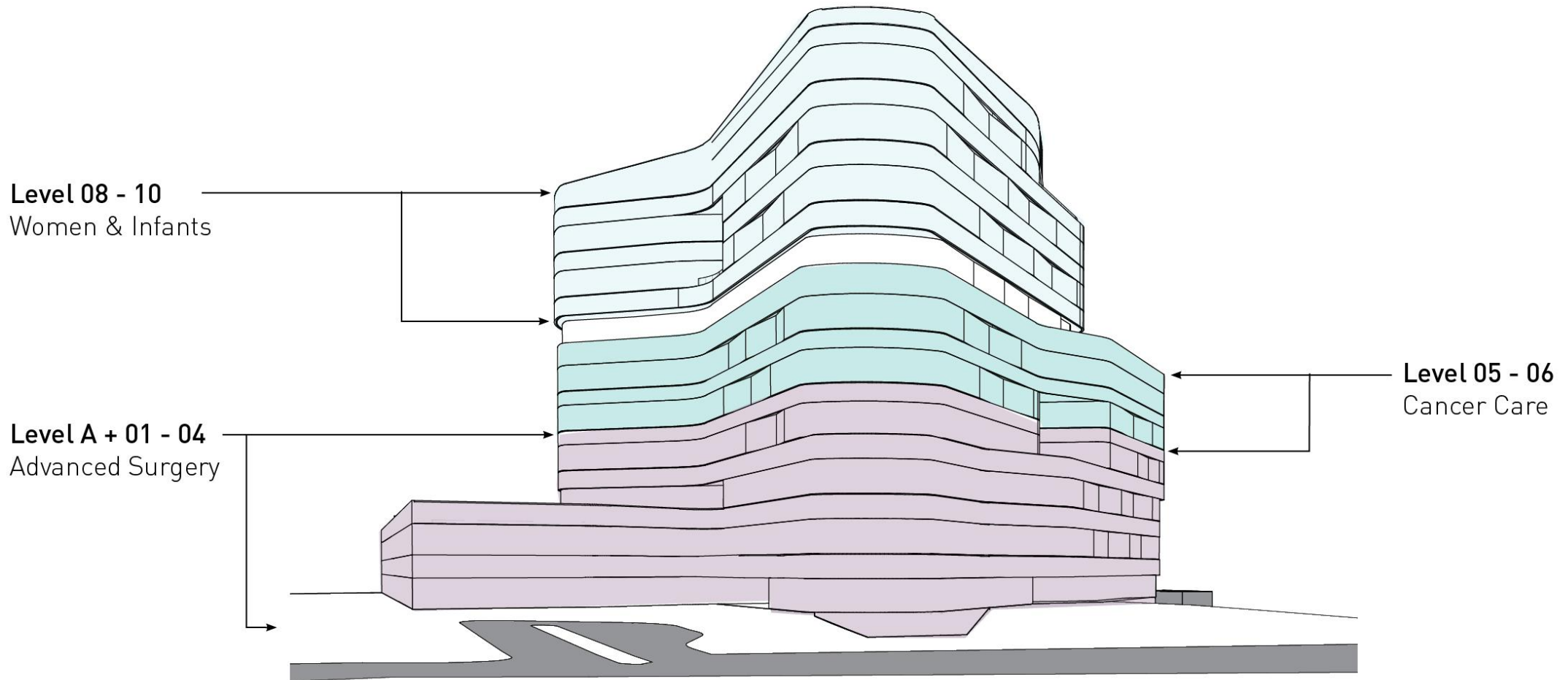


## 02 | Project Statistics

Translational Medicine:  
Convergence of research, education  
and clinical care



# 03 | Branding Stacking Diagram



**Level 08 - 10**  
Women & Infants

**Level A + 01 - 04**  
Advanced Surgery

**Level 05 - 06**  
Cancer Care

## 04 | Incorporating Nature's Therapeutic Benefits

Multiple elevated gardens and terraces

Material and color palette reflective of the landscape

Full-height windows in patient rooms allow for views and daylight

Family rooms with views and daylight

Building form to capitalize on views, maximize daylight and minimize solar gain and glare

Interior designed to encourage an intentional and natural flow

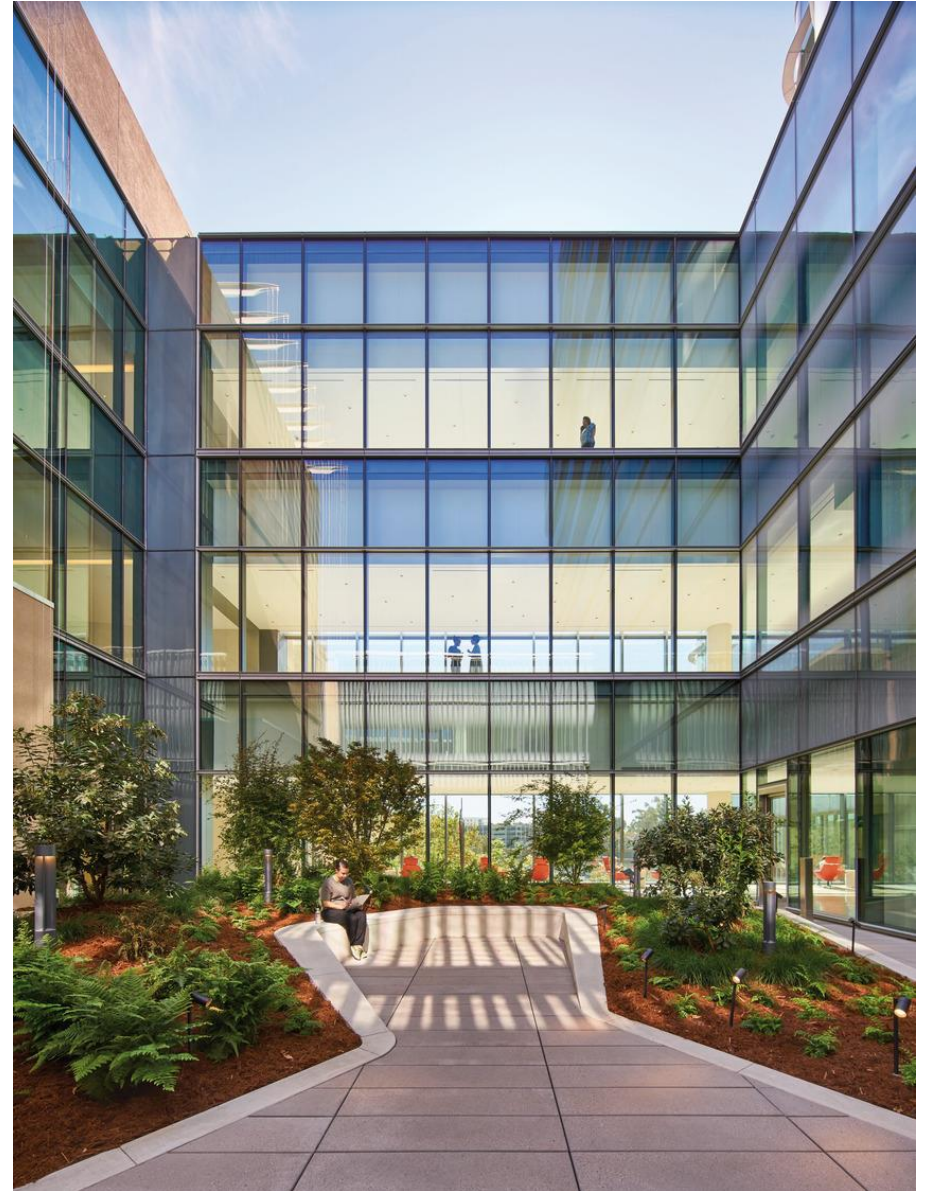


# 05 | Incorporating Nature's Therapeutic Benefits



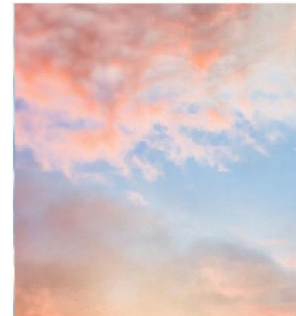
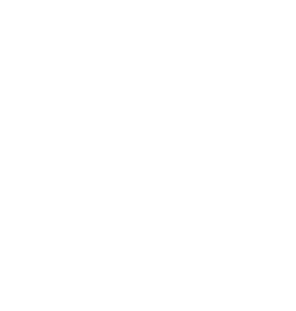
# 06 | Incorporating Nature's Therapeutic Benefits

Garden spaces on multiple levels



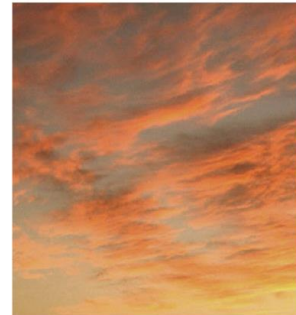
# 07 | Setting: Coloration

San Diego Landscape



canyon

ocean



sky

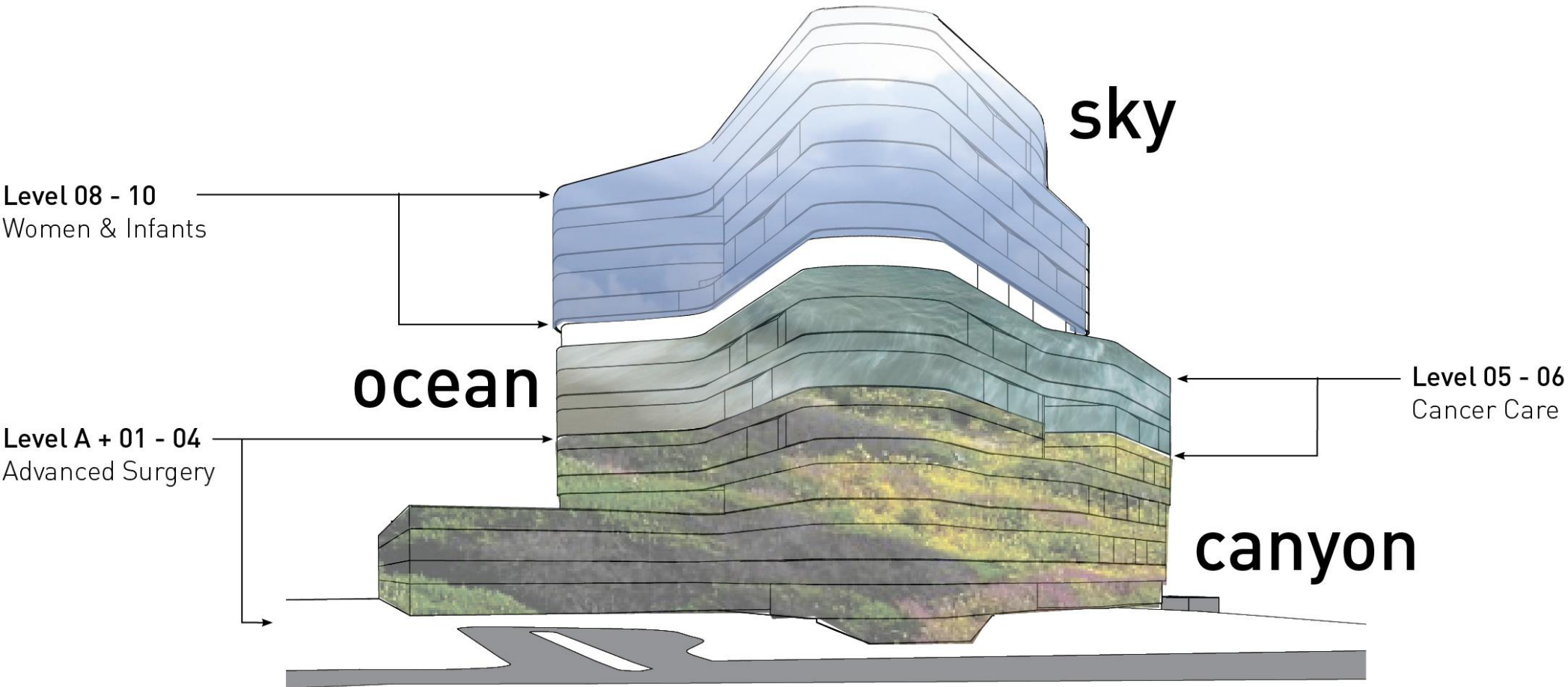
advanced surgery

cancer care

women and infants



# 08 | Branding Stacking Diagram



# 09 | Advanced Surgery Center



# 10 | Surgery Center

Floors 2 & 3



# 11 | Slide name

14 ORs

4-OR intraoperative imaging suite:

- MRI and mobile CT scanner to support neurological and spine surgeries

‘Wall of Knowledge’

Video Conferencing and Telemedicine



# 12 | Neonatal Intensive Care

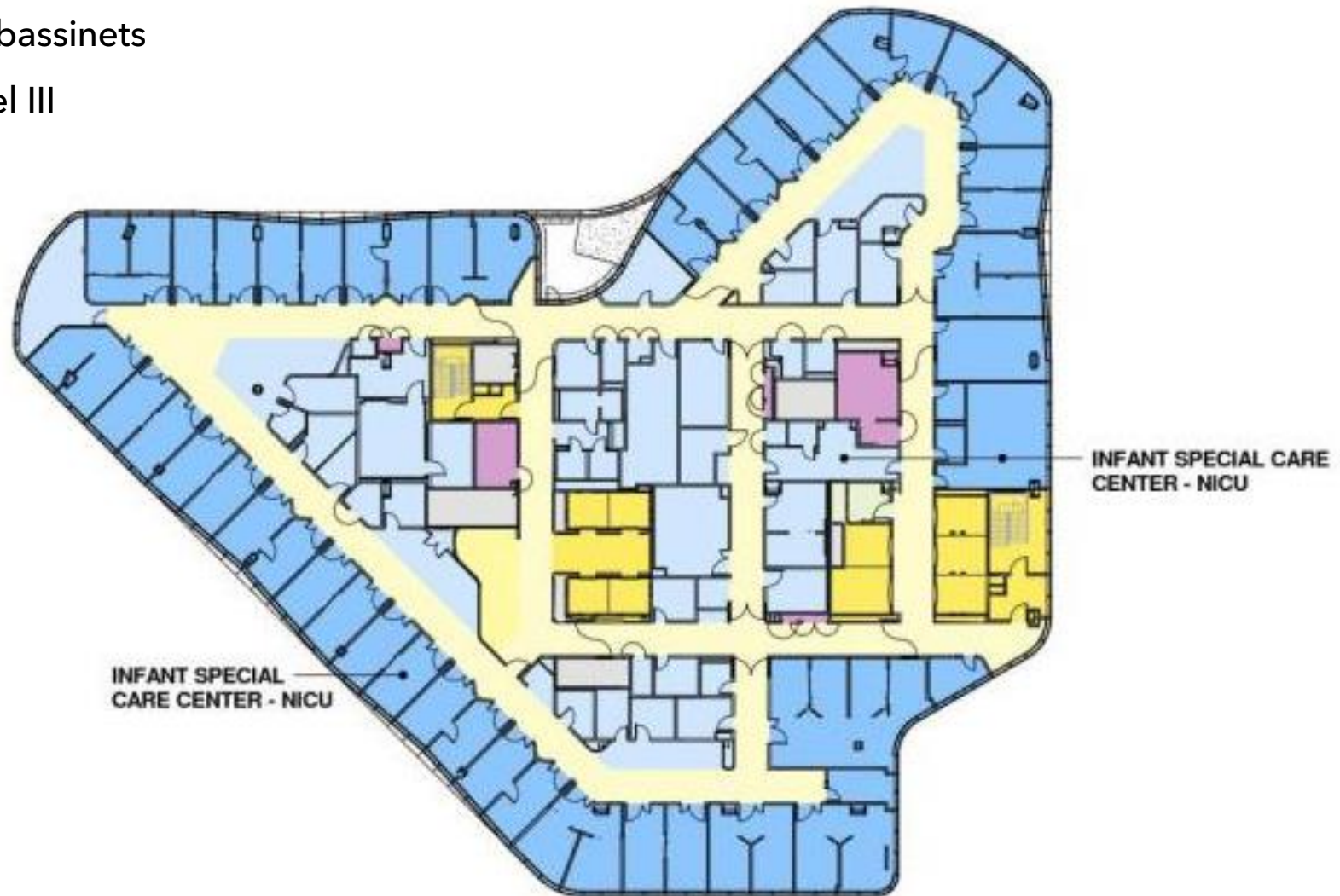


# 13 | Neonatal Intensive Care

Floor 8

52- bassinets

Level III



# 14 | Birthing Center

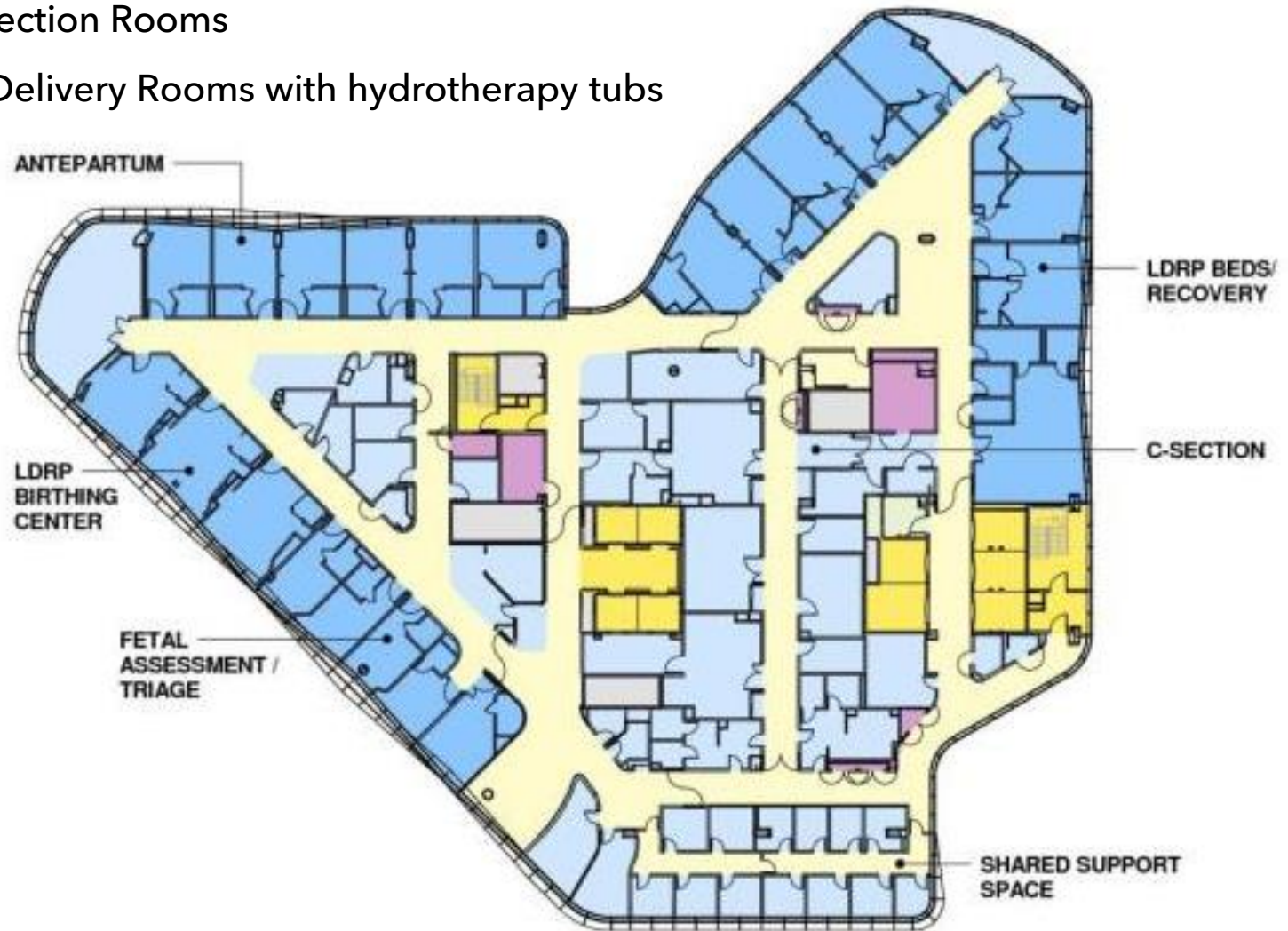


# 15 | Birthing Center

Floor 9

3 Cesarean Section Rooms

8 Labor and Delivery Rooms with hydrotherapy tubs





# 16 | Post Partum

Floor 10

32 Rooms



# 17 | Cancer Care Pavilion



Floors 4, 5, 6

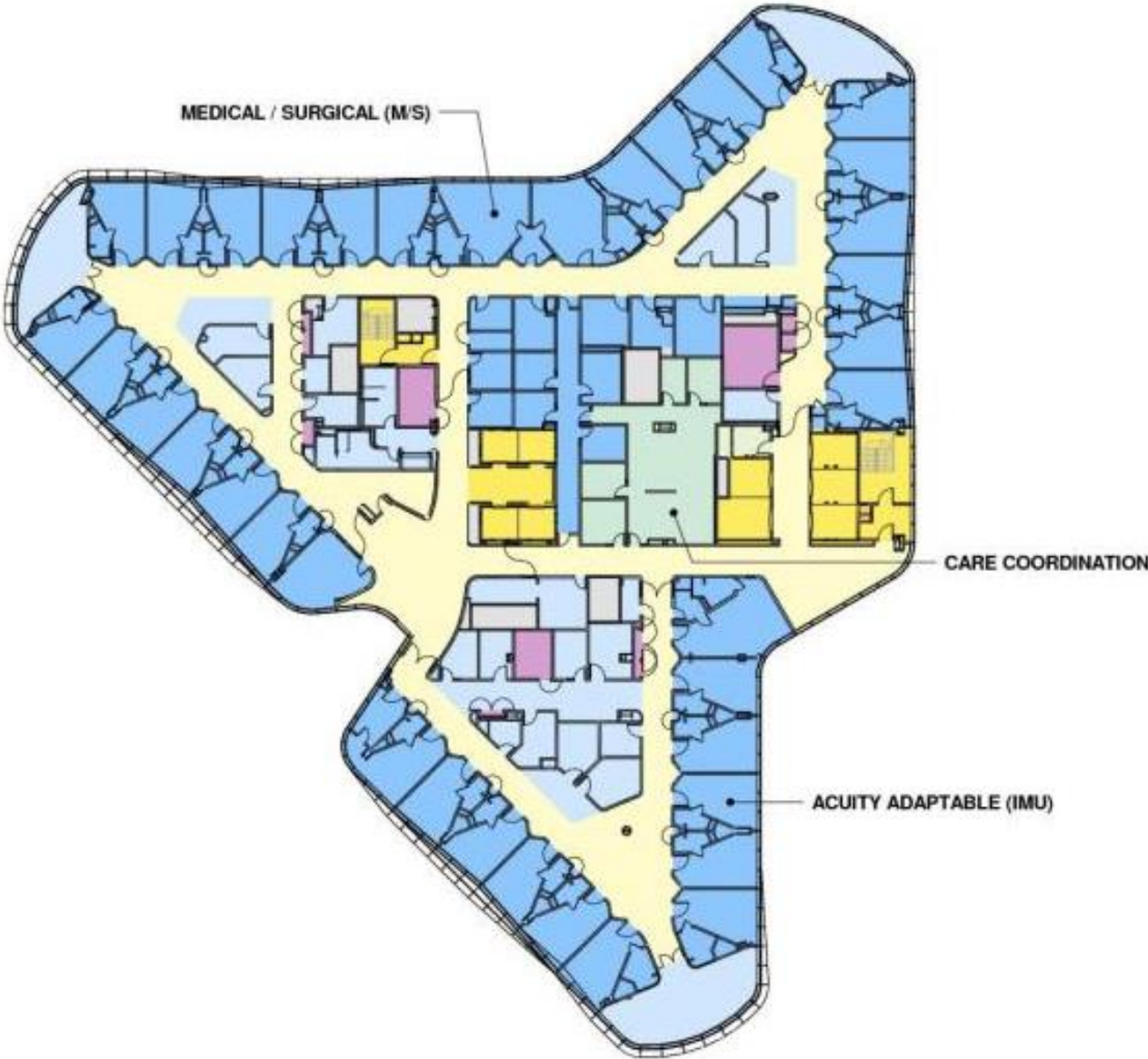
Blood and Bone Marrow Transplant Unit

Dedicated gymnasium within unit



# 18 | Cancer Center

Floor 6



# 19 | Cancer Care Pavilion

Floors 4, 5, 6



## 20 | Client Engagement

65 User Groups

513 User meetings

80 Hospital departments

150 design consultants

Mock ups and simulations



## 21 | Patient Experience and State-of-the-Art Technology

Rooms enhanced with technology

Bedside I-Pads control:

- Lighting
- Window shades
- Room temperature
- Treatment schedules
- Medical Records

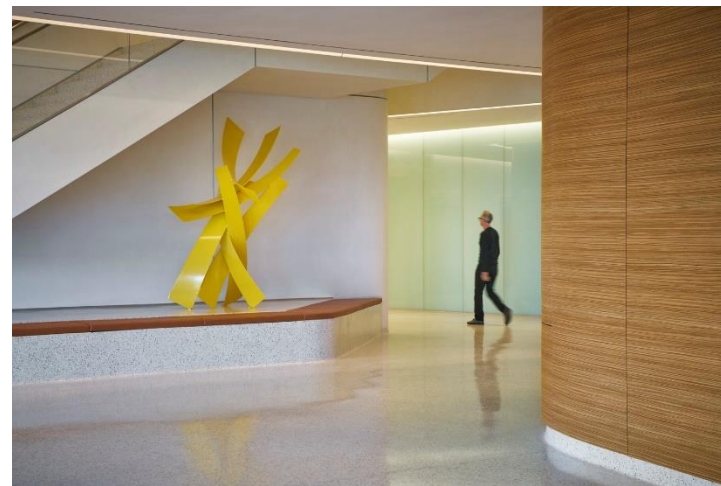


## 22 | Patient Experience and State-of-the-Art Technology



150-piece therapeutic art collection on every floor

Serenity Room



# Building future of healthcare