Woodlands Health Campus

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Health Campus in the North of Singapore

Urban Master Plan

Housing
- Close to 30,000 new residential dwellings by 2018, adding a total population of 135,000
- More units for multi-generational living

Industrial/Commercial
- New retail and mixed use cluster @ Woodlands Regional Central
- Industrial developments along Gambas Avenue and North Coast Wafer Fab Park

Improved connectivity
- New Thomson-East Coast line and North South Expressway
- 3 MRT stations in Woodlands by 2019

The plot of land which will be used to build the new Woodlands General Hospital, pictured on 15 February, 2014.

Tuesday, Feb 18, 2014
The New Paper

SINGAPORE - An integrated 1,800-bed healthcare complex will open in Woodlands in phases from 2022.
Campus Master Plan – “One-ness”

- Integrate **In-Campus** and **Out-Campus** Care
- **Integrated Campus** to enable care delivery across care continuum
- **Campus as part of the community** to inspire positive and healthy lifestyle
- **Campus as a community asset** and take advantage of the Park and park connector

![Diagram showing Campus Master Plan with different care areas: Acute Care, Community Hospital/Rehab Care, Ambulatory Care, Long Term Care.](image)

- **Acute Care** — Remodel emergency and urgent care to allow stratification to appropriate levels of care
- **Community Hospital/Rehab Care** — Improving functional restoration and community transitions
- **Ambulatory Care** — Embed health promotion, patient activation, and community outreach
- **Long Term Care** — Redesign long-term and End-of-Life care to promote patient dignity and autonomy.

**In-Campus**

**Out-Campus**

Focusing on enhancing existing resources in the community and building a **network of care**

Confidential
Campus Design Principles

- Person-Centred Medical Planning
- Healing Environment
- Engaging Community
- Activating and Health Promoting
- Efficiency and Productivity
- Future Proofing
- Sustainability
Person-centred Masterplan
The Nature of Healing
Communal Effect
Person-Centred Masterplan

Woodlands Regional Centre

Mandai

Central Water Catchment
• Reconfiguration of site boundaries for symbiotic benefits for both development
• Sharing of infrastructural provisions
• Encourages usage of park connector network
• Car-free ground floor for active mobility
• A ‘larger park’ for all – everyone wins!
• Nature for both public and patients
• *Topography* creates different zones
• Continuity of landscape across both sites – “*Micro-scale Urban Green*”
Rainforest Inspired Campus

- Rooftop urban farming and gardens
- Healing landscapes

- Most ventilated and day-lit layer
- Quiet and secured ward towers
- Inter-connected by link bridges

- Accessible yet protected middle layer
- Podium for diagnostic and interventional floors
- Green fingers offer daylight and ventilation

- Creating a park-like ground plane
- Conducive for pedestrians of all profiles
- Extensive cycling tracks and parking
- Fenceless, seamless, car-less
Communal Effect

Touchpoint Mapping

1 North Foyer
2 The Hangout
3 Terraces
4 Healing Forest
5 Healing Forest
6 Wood Land
7 The Plaza
8 Verandahs
9 South Foyer
THANK YOU