

Changi General Hospital, Integrated Building Singapore

新加坡樟宜综合医院综合大楼 新加坡

项目规模：39,800 平方米

建设单位：新加坡卫生部控股集团

服务范围：建筑设计，室内设计，医疗规划

合作单位：RDC Architects Pte Ltd

本地景观设计顾问：Mace Studios

项目状态：2014 年完工

奖项情况：

2017：获得 BCA 建筑卓越奖（公共建筑类别）

2015：获得 BCA 通用设计标志超金奖级别认证

2014：获得 BCA 建筑信息模型（BIM）超金奖认证

2014：获得 BCA 绿色标志 - 白金奖认证

Size: 39,800 m²

Client: MOH Holdings Pte. Ltd.

B+H Service: Architecture, Interior Design, Medical Planning

Collaboration: RDC Architects Pte Ltd

Local landscape consultant: Mace Studios

Status: Completed 2014

Awards:

BCA Construction Excellence Award 2017 (Institutional Buildings Category),

2015 Certified and Awarded the Universal Design (UD) Mark GoldPLUS Award

2014 Certified and Awarded BCA's Building Information Modelling (BIM) GoldPLUS

2014 Registered and Certified Green Mark Platinum

樟宜综合医院园区坐落在新加坡四美路医疗区，占地约180,000平方米。综合大楼与园区整体及主楼连接清晰，与周围的城市环境及景观相协调，并考虑到未来扩建，采用整体灵活的设计。综合大楼的加入将整个园区作为健康及疗愈社区来重新构思，方便患者从医院回归到家中及所在社区。

综合大楼的设计通过与客户密切合作、充分了解社区及员工需求，体现了以患者为中心、善待长者、灵活、可持续发展的理念。大楼配备一系列的门诊项目及服务，包含康复中心、老年病中心、综合服务枢纽及住院大楼。我们的设计保证空间可以适配患者在不同诊疗阶段的需求，并与院方合作，确保整个系统具有可调节性，能适应未来的扩建和更改。

病房的设计中融入天然采光、绿植等自然元素，营造促进健康的环境，每个单元中都有开阔的绿色缓冲区域，整座大楼也位于疗愈花园的环绕中。病房按区域分割，我们为每个区域都打造了集体疗愈空间，直通绿地，患者及访客可以通过屋顶花园到达疗愈花园区。

为满足80%的病房都可以达到自然通风的要求，病房大楼的位置也经过精心设计，以捕捉到盛行风，这在最终设计中起到了至关重要的作用。这座大楼的设计更具有家的温馨感觉，而不是冰冷的医疗机构。一楼开放空间是设计的重点，通过社区服务而促进对共享公共设施的利用，设计项目还通过连接自然与人们共处的支持性环境而提高人们的健康水平。

The Changi General Hospital campus spreads across approximately 180,000 square metres within the larger Simei Road healthcare precinct. With clearly defined connections to the overall campus and main building, the Integrated Building is designed in harmony with the surrounding urban fabric and landscape and considers future development to create a holistic and viable design. The addition of this building reimagines the campus as a community hub for wellness and healing through an environment that encourages patients' smooth transition back home and to their community.

The design of the Integrated Building demonstrates a patient-centric, age-friendly, flexible, and sustainable approach and through close collaboration with the client, a thorough understanding of community and staffing needs. Featuring a collection of facilities that house outpatient programs and services, the building includes a Rehab Centre, Geriatric Centre and Integrated Services Hub as well as a tower for inpatient wards. Our design ensures that interchangeable spaces support patients with different needs, at different stages of care. We worked with the hospital to ensure that adaptability was built into systems to allow for future expansion and changes.

Inpatient units at the Integrated Building are thoughtfully designed to create environments that promote wellness through the incorporation of natural elements such as access to daylight and green spaces. Units feature views overlooking an extensive green buffer and the building is surrounded by a healing garden. Wards are sectioned off to create areas promoting collective healing with direct access to green spaces while a rooftop garden offers patients and their visitors access to healing gardens.

To accommodate the mandate that 80% of wards be naturally ventilated, the building was strategically oriented to capture prevailing winds and this played a large role in the final design. The building is designed to feel more like home and less like an institution. With a heavy emphasis on open ground level space to promote shared public use through community services, the design program promotes well-being through connection to nature and supportive environments where people can connect.







