



## **MEDIA RELEASE**

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### **TTSH, NHG & MOH SPEARHEAD NATION'S HEALTH CITY WITH THE COMMUNITY IN CENTRAL SINGAPORE**

#### **MEETING TOMORROW'S HEALTHCARE NEEDS**

Tan Tock Seng Hospital (TTSH) and the National Healthcare Group (NHG) together with the Ministry of Health today launched Health City Novena, a 17-hectare modern integrated healthcare master plan set to cater to Singapore's future healthcare needs. This launch is the start of a public engagement process to gather suggestions to improve on the various developments being proposed and planned.

Health City Novena will be an integrated and sustainable urban development that will incorporate many vibrant features. From acute to intermediate and long term care, the Health City will offer the full spectrum of holistic care experiences for the residents in the central region of Singapore. It will also extend beyond healthcare to encompass a complete and holistic eco-system that includes health services, research and education, commercial, leisure and public spaces- achieving the goal of building a place where *Healthy Life is Central*

"Health City Novena's Vision is to create an integrated community of healthcare, medical education and translational research in a vibrant and sustainable environment," said NHG Group CEO, Professor Chee Yam Cheng. "It aims to shape the future healthcare of Singapore, anchor the Regional Health System for Central Singapore, and empower active and healthy living."

## **A STRONG FOUNDATION FOR COLLABORATION**

Health institutions in Novena have always had long-standing collaborations with one another. This can be seen in the close collaborations between TTSH with Ren Ci Hospital as well as Dover Park Hospice. Going forward, the newly established Lee Kong Chian School of Medicine (LKC Medicine) will also be partnering and collaborating with NHG institutions, to ensure that our new doctors acquire relevant clinical skills and gain valuable experience in understanding and managing patients. While these collaborations are an excellent showcase of integrated healthcare, a more holistic approach is still needed to address the healthcare needs of Singapore.

“Soon, just providing more of the same will not be enough for our growing and greying community whose healthcare needs will continue to get more complex. Thus, we will need an integrated approach to total care in Novena, one that anticipates and addresses the future healthcare needs of Central Singapore,” said NHG Chairman Madam Kay Kuok

## **HOW HEALTH CITY IS DISTINCT**

By 2030, eight new developments will be progressively added with key expansions in the areas of healthcare, education and research. The first phase of construction is targeted for completion between 2018 to 2020.

Health City Novena also aims to be an inviting and welcoming place to both patients and visitors, a place which not only combines care as well as research and education facilities, but also one in which the community will feel close in their pursuit for healthy living.

There are four key components integral to the vision of a patient-centred, hassle free, community-based development in Health City Novena - Care, Continuous Learning and Innovation, Community and Connectivity.

## CARE

NHG helms the Regional Health System (RHS) for Central Singapore and Health City Novena will anchor it. The new developments together with existing partners such as GPs, intermediate care specialists, community and voluntary working organisations will build a strong network of healthcare and social services for patients and families within the central region. To better meet the needs of an ageing population, Health City Novena will also see more resources channelled to ambulatory and intermediate care, including rehabilitation, sub acute care and palliative care, to facilitate the transition of patients back to the community and health. These proposed developments will all be purpose built and interconnected to allow for effective and efficient collaboration between the various partners. This will generate more ideas and innovations in models of care, not just within the development but also for care in the community

*It is important that patients have sound care not only within healthcare settings but also in the community, the place they call home. Health City Novena will empower like minded community partners and patients and reflect the commitment to expand care beyond just the development", said Professor Philip Choo, Deputy Group CEO (Regional Health), NHG, and CEO, TTSH.*

One such development will be the proposed Integrated Intermediate Care Hub (IICH) to be developed by TTSH. The facility will comprise Dover Park Hospice and a proposed second community hospital. It will be adjacent to and connected to TTSH and Ren Ci Hospital to allow seamless coordination of care and patient transfers. *"This means Patient care will be better coordinated and response time will be speedier amongst these institutions."* said Dr Lee Liang Tee, Clinical Director of Ren Ci Hospital.

Another example will be the new National Centre for Infectious Diseases; a hospital with isolation wards, intensive care units and support facilities including laboratories. The centre will also serve as a research and training ground to boost expertise in the field. To meet a growing demand for dermatological treatments, the National Skin Centre will also have a new wing added. The proposed block will house outpatient and day treatment clinics, clinical laboratories, a pharmacy, patient education rooms, as well as research and training facilities. NHG's headquarters will also be relocated in the new wing.

Once Health City Novena is fully developed, some estimated 600,000 square metres of space will be used for healing, learning and research. More resources will be channelled to intermediate care and this includes rehabilitation, sub-acute care and palliative care. Total bed capacity for Health City is expected to increase by 12% for acute care, and 60% for intermediate step-down care. This would mean that for every 10 acute beds, the number of step-down beds in Health City will increase from four to six. This facilitates patients' transition back to the community.

## **CONTINUOUS LEARNING AND INNOVATION**

With NHG appointed as the primary clinical training partner of the new LKCMedicine, there are now more opportunities to influence and co-create generations of healthcare professionals who will be well-prepared to respond to the increasing concerns of the ageing Singapore. The new Clinical Sciences Building, will house medical and research facilities for students and healthcare professionals.

TTSH's Medical Education & Training Building and a new proposed Health Sciences School are also in the pipeline. The aim is to synergise these learning facilities and programmes together to continuously develop healthcare professionals, multidisciplinary care teams and new models of care and processes. Patients, caregivers and community partners will also be engaged in this learning hub to raise the overall ability of providing care in the community.

## **COMMUNITY**

Situated right in the middle of a residential area, there is a need for the expanded healthcare development to be more than a healthcare development for the community. Hence, besides the array of medical facilities and expertise on hand, Health City Novena plans to have open spaces, lush parks, plazas, boulevards, eco and exercise trails to create a conducive environment for outdoor and family activities. The development will also maintain the area's rich heritage with the conservation of iconic buildings which will be turned into public attractions. Grassroots organisations and residents will be invited to share their ideas and aspirations making the Health City a place to live, work and play for all.

*"The Health City should do a lot to change the focus of Tan Tock Seng Hospital from a patient care facility to a vibrant hub emphasising health and wellness, and a sense of peace and*

*well-being, with its greenery and amenities for both patients and visitors alike,” said Mr Ravi, a resident in Novena.*

## **CONNECTIVITY**

Health City is set in the heart of residential areas, shopping amenities and the MRT. By 2030, some 30,000 patients, visitors, students and staff are expected to pass through it daily. Connectivity is hence to ensure the safety, comfort and convenience of the different groups of users. Inpatients for example can move between care facilities via dedicated sky bridges for hassle-free movement and in full privacy. Outpatients will find their clinics located near to the MRT for their convenience. For residents, there will be pleasant walkways and concourse to connect them to the amenities in Health City and without having to cross into patient care areas. Vehicles too will access the inter-connected basement car parks upon arrival, keeping the streets open, pedestrian-friendly and safe.

## **WHERE HEALTHY LIFE IS CENTRAL**

Health City Novena will be completed in two phases - by 2018 -2020 and by 2030 subject to detailed plans and approvals. It will not only meet the growing demands in healthcare, but also expand its overall capability to better serve Singapore well in a hassle free, holistic way. Being an innovative learning hub which brings in flexibility for the diverse partners to collaborate to create better models of care, it will also evolve with the community to generate partnerships and innovation to raise the standard of care all around.

*\* This launch is the start of a public engagement process to gather suggestions and feedback to improve on the various developments being proposed and planned.*

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### **About Tan Tock Seng Hospital (TTSH)**

TTSH is one of Singapore's largest multi-disciplinary hospitals with more than 160 years of pioneering medical care and development. The hospital has 36 clinical and allied health departments, 15 specialist centres and is powered by more than 6,000 healthcare staff.

TTSH sees over 2,000 patients at its specialist clinics and some 460 patients at its emergency department every day. TTSH is part of the National Healthcare Group, providing holistic and integrated patient care. With a strong quality culture steeped in patient safety, TTSH constantly challenges itself to provide faster, better, cheaper and safer care for patients.

To achieve this, the hospital keeps abreast and believes in investing in its staff, facilities, medical technology and system improvements. In recognition of its commitment to excellent patient care and its comprehensive range of quality healthcare services, TTSH has been awarded the ISO 9001 certification and the prestigious Joint Commission International (JCI) accreditation.

For more information, please visit [www.ttsh.com.sg](http://www.ttsh.com.sg)

### **About the National Healthcare Group**

The National Healthcare Group (NHG) is a leader in public healthcare in Singapore, recognised at home and abroad for the quality of our medical expertise and facilities. Care is provided through an integrated network of nine primary healthcare polyclinics, acute care hospital, national specialty centres, and business divisions. Together they bring a rich legacy of medical expertise to our philosophy of patient-centric care.

By designing accessible and seamless healthcare services around patient needs, NHG ensures that patient care is fully coordinated within the cluster and is also extended to high level collaboration with other healthcare providers at home and abroad.

NHG's vision of "Adding years of healthy life" is more than just about healing the sick. It encompasses the more difficult but infinitely more rewarding task of preventing illness and preserving health and quality of life. With some 12,000 staff, NHG aims to provide care that is patient-centric, accessible, seamless, comprehensive, appropriate and cost-effective.

For more information, please visit [www.nhg.com.sg](http://www.nhg.com.sg)

## QUICK FACTS

### Health City Novena's Stakeholders

Tan Tock Seng Hospital (TTSH), The National Healthcare Group (NHG), National Skin Centre (NSC) Lee Kong Chian School Of Medicine (LKCMedicine), Ren Ci Hospital, Dover Park Hospice (DPH) and The National Neuroscience Institute (NNI).



## SPECIFICATIONS OF HEALTH CITY NOVENA

<b>Estimated Total Land Area</b>	17 Hectares
<b>Estimated Gross Floor Area</b>	600,000sqm
<b>Estimated Increase in Bed Capacity</b>	25%
<b>Developments</b>	<ol style="list-style-type: none"> <li>1. National Centre of Infectious Diseases</li> <li>2. Lee Kong Chian School of Medicine Clinical Sciences Building</li> <li>3. Proposed NSC Expansion and NHG HQ</li> <li>4. Proposed TTSH Ambulatory Expansion</li> <li>5. TTSH's Medical Education and Training Building</li> <li>6. Proposed Integrated Immediate Care Hub</li> <li>7. Future Health Sciences school</li> <li>8. Reserved Site for New National Centre</li> </ol>

## **FUTURE DEVELOPMENTS**

These developments will be constructed in two phases. The first phase of construction is targeted for completion in 2018 - 2020 while the second phase will be completed by 2030.

*\* The Information and Illustrations are for planning purposes only and subject to approvals from the relevant authorities*

### ***Aerial View of Health City Novena***





## 1. National Centre for Infectious Diseases

The new centre will serve as a frontline treatment facility and boost specialisation in infectious disease research and prevention. With isolation wards, intensive care units and support facilities such as laboratories, radiology facilities, etc, it is primed to be Singapore's first line of response in the fight against outbreaks and emerging Infectious Diseases.



National Centre for Infectious Disease

### Key Project Info

Land Area: 1.92 hectares

(including METB)

GFA: 72,700 sqm

No. of storeys: 14

## 2. Lee Kong Chian School of Medicine's Headquarters and Clinical Sciences Building

Singapore's newest medical school will be sited next to a holistic range of medical services at TTSH and with its headquarters in a beautiful conservation building; the new medical school will include auditoriums, learning studios, seminar rooms, teaching laboratories, libraries and a host of other immersive learning facilities. It will also offer a prestigious joint NTU-Imperial College degree and boast a faculty of renowned medical leaders from around the world.



LKCMedicine HQ & Clinical Sciences Building

### Key Project Info

Land Area: 0.83

GFA: 40,500 sqm

No. of storeys: 20

### 3. Tan Tock Seng Hospital Medical Education & Training Building

The new building will support the increasing demand for medical education, training and research activities that will enhance the mission to deliver high quality patient care. It is equipped to provide students with a strong foundation in clinical training across different healthcare settings. Its facilities include an auditorium, a multipurpose hall, a library, simulators, E-learning labs and training facilities. This development will also be central in up-skilling care in the community and empowering patients in healthy living.



#### **Key Project Info**

Land Area: 1.92 hectares  
(including NCID)  
GFA: 26,600 sqm  
No. of storeys: 9

### 4. Proposed Extended National Skin Centre Building and National Healthcare Group's (NHG) Headquarters

The new 12-storey building will house outpatient and day treatment clinics, clinical laboratories, a pharmacy, patient education rooms, a research wing and training facilities to help meet growing patient demand. It will also house the National Healthcare Group's new headquarters.

#### **Key Project Info**

Land Area: 1.42 hectares  
GFA: 33,400 sqm  
No. of storeys: 12

## **5. Proposed Integrated Intermediate Care Hub**

The multi-purpose facility will cater to the intermediate care continuum with services for sub-acute care, rehabilitative care, palliative care and therapy. It will comprise of Dover Park Hospice and a proposed second community hospital. It will be adjacent to and connected to TTSH and Renci Hospital for seamless coordinated care and patient transfers. The centre will also sport specialist clinics catering to immediate care.

### **Key Project Info**

Land Area: 1.07 hectares

GFA: 57,800 sqm

No. of storeys: 12

## **6. Proposed TTSH Ambulatory Expansion**

This proposed extended ambulatory centre will consolidate and expand the amount of space devoted to the hospital's day care and specialist outpatient facilities.

## **7. Future Health Sciences School**

The new Health Sciences School will help develop Allied Health Professionals to meet the healthcare needs of the community. It is set to promote staff training and develop healthcare professionals with continuous learning.

## **8. Reserved Site for New National Centre**

A New National Centre is being planned.