

# Why Return to Hong Kong and Serve as a Doctor?



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Hong Kong Special Administrative Region Government  
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# Healthcare Policy



- ▶ Actively promote health education, primary care and community care
- ▶ **Improve the healthcare system and services** viz. inter alia, strengthening healthcare manpower and advocate cross-sector and multi-disciplinary collaboration
- ▶ **Optimise public health regulation** and promote advancements in medical technology
- ▶ Proactively support the development of **Chinese medicine**

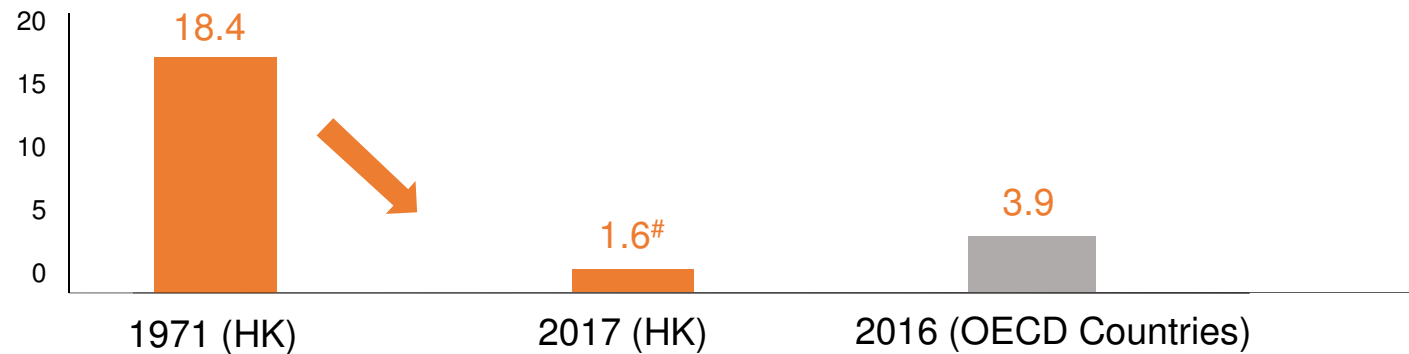


# Quality Healthcare

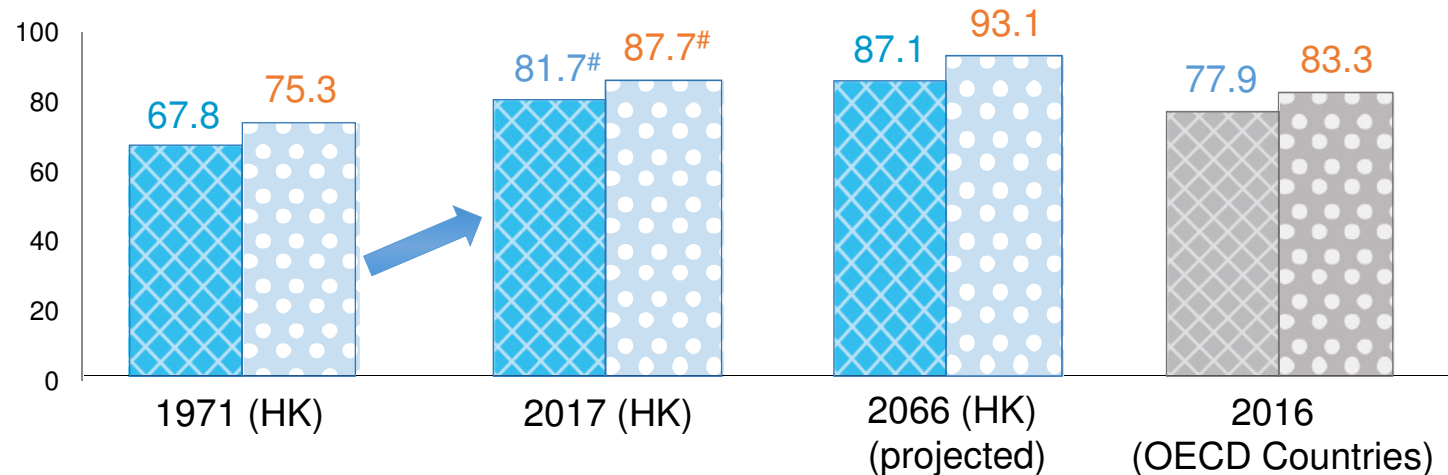
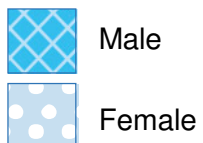
Hong Kong ranked 1<sup>st</sup> worldwide in terms of **life expectancy** and **infant mortality**

## Infant mortality rate

(per 1 000 registered live births)



## Life expectancy





# Promote Biomedical Technology



- ▶ A vibrant community of some **100 international and local biomedical technology** companies in the **Hong Kong Science Park** : chemical drugs, medical devices, biologics, regenerative medicines, bioprocessing, molecular diagnostics and Chinese medicine.
- ▶ **The Hong Kong Eye Hospital, Queen Mary Hospital and Prince of Wales Hospital** **accredited** by the **National Medical Products Administration** to **carry out clinical trials for drug registration in China**.
- ▶ **Renowned Institutions in HK:** **1<sup>st</sup> MIT's** overseas Innovation Node, **1<sup>st</sup> Karolinska Institutet's** overseas research facility, **Guangzhou Institute of Biomedicine and Health**, **Pasteur Institute of France**, **Nordic Innovation House**
- ▶ **16 Partner State Key Laboratories** – two-thirds specialise in biomedical technology and related areas



# Promote Biomedical Technology

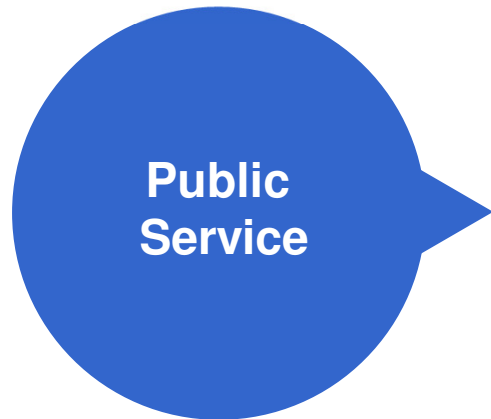
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- ▶ **Four universities** in Hong Kong (HKU, HKUST, CUHK and CityU) rank among the **top 100** by 2019 QS World University Rankings.
- ▶ Research Assessment Exercise (RAE) 2014 on universities' submissions :
  - ▶ **12% “world leading” standard**
  - ▶ **34% “internationally excellent**
  - ▶ **remainder “international standing” or “regional standing”**
- ▶ **Clinical Trials Centres of two medical schools** (i.e. The University of Hong Kong and The Chinese University of Hong Kong) participate in Phase 1 to Phase 4 clinical trials.
  - ▶ **HKU**- over **1 000** sponsored clinical studies and **170** investigator-initiated clinical studies
  - ▶ **CUHK** - over **1 000** sponsored clinical trials with 4 being First-in-Human (FIH) studies



# Dual Track Healthcare System



Public  
Service



Hospital  
Authority



Department  
of Health



Private  
Hospitals



Private  
Service



Private Day  
Procedure  
Centre



Private  
Clinics

- ▶ Over **100 000** healthcare professionals from **13 professions** that are subject to statutory registration (as of June 2018) (e.g. doctors, nurses, Occupational Therapists, Physiotherapists, Pharmacists, etc.)
- ▶ **Half** of doctors work in the **public sector** (i.e. the Hospital Authority, Department of Health, academic and subvented organisations)





# Dual Track Healthcare System

## Public Service

### Hospital Authority

- ▶ Statutory body to manage Hong Kong's public hospital services.
- ▶ Provides nearly **90% of all in-patient services** and around **30% of out-patient services in Hong Kong**
- ▶ **43** hospitals and institutions, **48** Specialist Out-patient Clinics, and **73** General Out-patient Clinics.
- ▶ Workforce of about **76 000** and **28 355 beds** (as of Mar 2018).

### Department of Health

- ▶ Government's **health adviser** with roles including regulatory, advisory, health advocacy and promotion, disease prevention and control as well as health service provision
- ▶ **200 medical units/clinics** (comprising maternal and child health centres, student health centres, chest clinics, dental clinics, dermatology clinics, families clinics, elderly health centres, methadone clinics etc.)
- ▶ Workforce of about **6 500** (as of Feb 2018).



# Dual Track Healthcare System

## Private Hospitals

### ▶ Hospital Authority

- ▶ **12 hospitals** providing **4 640 beds** (as of July 2018)
- ▶ The Department of Health conducts inspections regularly
- ▶ The **Voluntary Health Insurance Scheme** will tentatively commence in April 2019 to encourage procurement of certified indemnity hospital insurance products and make use of the insurance coverage to use private healthcare facilities

### ▶ Private Day Procedure Centres

- ▶ Around **500 private day procedure centres** in Hong Kong (as of 2016)

### ▶ Private Clinics

- ▶ Around **5 000 private medical and/or dental clinics** in Hong Kong (as of 2016)

### ▶ Private Healthcare Facilities Bill





# Government Recurrent Spending



- ▶ HKSARG is committed to investing in healthcare
- ▶ 2018/19 Government Recurrent Expenditure on health is estimated to be **HK\$71.2 billion or 17.5% of total Government Recurrent Expenditure**
- ▶ An **increase of 13.3% over the previous year or 8% per annum** over the past **10 years**
- ▶ From 2018/19, an **additional HK\$6 billion** recurrent funding **to Hospital Authority** to increase hospital beds, operating theatre sessions, quota for general out-patient and specialist out-patient services, as well as the manpower required
- ▶ From **2018/19 Additional annual HK\$200 million** to Hospital Authority to enhance healthcare professional training including clinical practicum, specialist and higher training



# Research Funding



- ▶ University Grants Committee (UGC)-funded **universities research expenditure** amounted to **HK\$10.27 billion**, representing 0.4% of Hong Kong's GDP (2016 figure).
- ▶ Innovation and Technology Fund supported nearly **470 biotechnology-related projects**, amounting to **HK\$916million**, in bioinformatics, stem cell therapy, molecular diagnostics, drug discovery and development, modernization of traditional Chinese medicine, biopharmaceutical manufacturing. (as of Mar 2018)
- ▶ Current-term Government has committed to **doubling** the Gross Domestic Expenditure on R&D from 0.73% to **1.5% of Gross Domestic Product (i.e. HK\$45 billion) a year by end of the term in 2022.**
- ▶ Funding commitment from the Government is ever increasing and we have set aside no less than **HK\$10 billion** to create **two world-class research clusters** on healthcare technologies, etc.



# Capital Investment: First Ten-year Hospital Development Plan

- ▶ Announced in the Policy Address in Oct 2016
- ▶ **HK\$200 billion** to implement various hospitals projects in 10 years



-  **1 New Acute Hospital (2 400 beds)**
-  **11 Redevelopment / Expansion of existing hospitals**
-  **3 New Community Health Centres**
-  **1 New Supporting Services Centre**



# Capital Investment: First Ten-year Hospital Development Plan (cont'd)



**2400-beds New Acute Hospital**  
Kai Tak Development Area  
(Expected to commence services by  
phases **from 2025**)



Prince of Wales Hospital

## Deliverables

- ▶ Around **5 000** additional hospital beds expected by **2025**
- ▶ Over **90** additional Operating Theatres
- ▶ Increased capacity of specialist outpatient clinics and general outpatient clinics



Tuen Mun Hospital



Haven of Hope Hospital



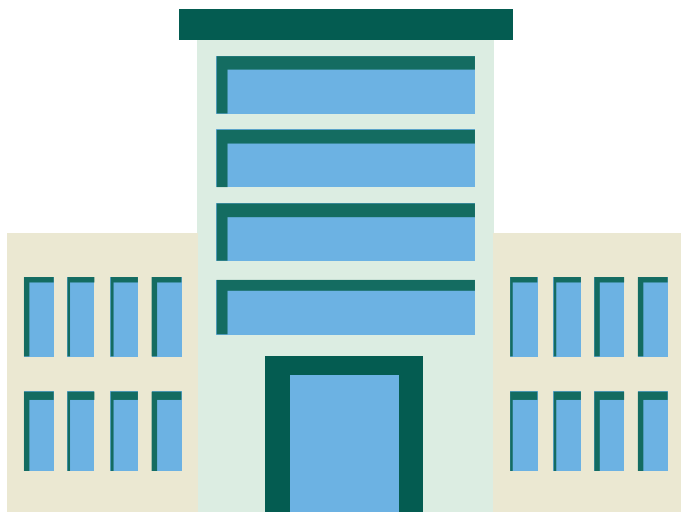
Kwong Wah Hospital



United Christian Hospital



# Capital Investment: Second Ten-year Hospital Development Plan



- ▶ Announced in 2018/19 Budget
- ▶ Hospital Authority to start **the HK\$300 billion Second Ten-year Hospital Development Plan** in parallel with the First Ten-year Plan
  - ▶ New hospital at King's Park, Kowloon
  - ▶ In-situ redevelopment of Princess Margaret Hospital and Tuen Mun Hospital
  - ▶ Expansion of North Lantau Hospital
- ▶ Improve clinic facilities in the Department of Health and upgrade and increase healthcare teaching facilities



# Challenges



## ▶ Rapidly ageing population

- ▶ Today **1/6** people in Hong Kong aged **65 or above**. By **2038, about 1/3**.
- ▶ “Old-Olds” or elderly people **aged 85** or above will be more than double from the current **199 000 to 428 000**.
- ▶ Today, **3/5** people aged 65 will live to **85+** and **2/5 of them to at least 90**.
- ▶ Today **elderly dependency ratio** (No. of over 65/ 1000 Aged15-64) is **239**. By **2066, 579**.

- ▶ **Healthcare training cycle is long – 13 years to become specialist** (6 years basic medical training + 1 year internship + 6 years of specialist training)
- ▶ Need a **steady supply of healthcare professionals** to join and serve in the public sector in the **short and medium term**





# Review on Healthcare Manpower Planning & Professional Development



- ▶ Report on **Strategic Review on Healthcare Manpower Planning and Professional Development** (June 2017)
- ▶ **Manpower Shortage of Doctors** of various disciplines in short and medium term
  - ▶ **In 2016, 285 full-time doctors** manpower gap
  - ▶ **By 2020, 500 full-time doctors** manpower gap
  - ▶ **By 2030, 1 007 full-time doctors** manpower gap





# Way Forward



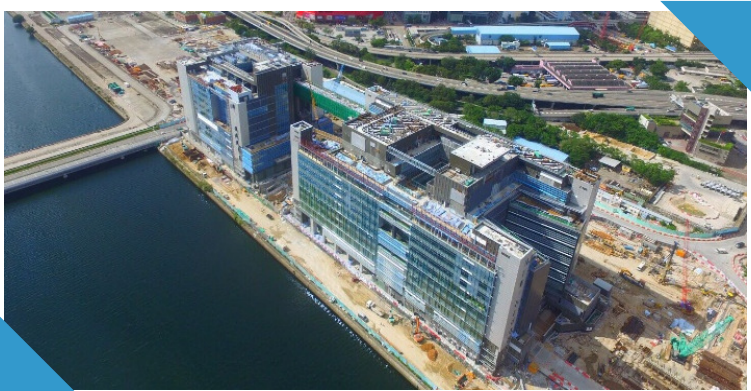
- ▶ **Local graduates** are the predominant source of doctors serving in the public sector (As at end August 2018, 419 locally-trained new registrants)
- ▶ **Increase** in medical **training places**, from **250** in 2005/06 academic year to **470** in 2016/17 academic year
- ▶ Hospital Authority adopts a **higher retirement age of 65** for new recruits commencing employment on or after 1 June 2015
- ▶ Hospital Authority **rehires retired healthcare professionals** for two years up to 62 on a pilot basis
- ▶ **To alleviate manpower shortage in the short- and medium-term, Hospital Authority to continue to recruit non-locally trained doctors**



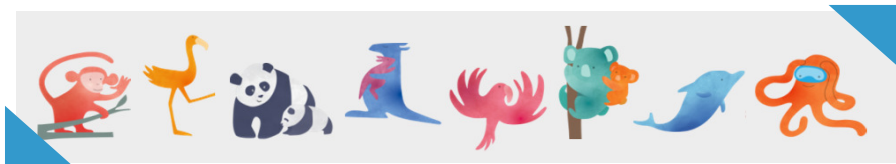
# Immediate Opportunities

香港兒童醫院

Hong Kong Children's Hospital



- ▶ To commence operation **from 18 Dec 2018** in stages
- ▶ Form a coordinated and coherent service network, enhancing the quality of the overall public **paediatric services**
- ▶ **468 inpatient and day beds**
- ▶ Operating theatres, ambulatory care centre, specialist outpatient clinic, integrated rehabilitation centre
- ▶ Child rehabilitation service, children recreation and play therapy, family rest area
- ▶ Research, teaching and training facilities





# Opportunities in Department of Health



- ▶ **3-year contract**, starting from HK\$61,060 monthly to HK\$89,460 + **15% end-of-contract gratuity**
- ▶ **Professional Development and continuous learning**  
e.g. Contract doctors may be posted to clinical or public health services
- ▶ Facilitate a **medical career** in Hong Kong with diverse opportunities
- ▶ Opportunities in **Hospital Authority** to be presented by **HA Chairman**



# Facilitation Measures – Licensing Exam



- ▶ All non-locally trained medical graduates need to pass the **Licensing Examination** by the Medical Council and complete an internship at the Hospital Authority.
- ▶ **Increase the frequency** of the licensing examination to twice annually
- ▶ Applicants with substantial experience may be **exempted from one of the four disciplines examined** (i.e. surgery, medicine, obstetricians and gynaecology and paediatrics)
- ▶ Applicants with specialist qualifications, **internship training** can be shortened from **one year to six months**
- ▶ To introduce **Virtual Education Centre** to improve transparency of the examination and provide past papers for reference



# Facilitation Measures – Limited Registration



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- ▶ Non-locally trained doctors with acceptable qualifications and proven experience, if selected for employment by specified institutions (including DH, HA, HKU and CUHK) for teaching, conducting research or performing clinical or hospital work, may apply to the **Medical Council for Limited Registration** in Hong Kong
- ▶ From 2018, **validity period and renewal period of limited registration** has been extended from not exceeding **one year to not exceeding three years**
- ▶ As at end 2017, **144 limited registration doctors**



# Hong Kong - Talent Hub for Medical Profession



Hope to see you all  
in Hong Kong soon!