Research @
National Healthcare Group Polyclinics (NHGP)

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National Healthcare Group Polyclinics (NHGP)

- Primary care institution under **National Healthcare Group (NHG)**
- **9 Polyclinics** in the northern, central and western regions
- Provides government funded subsidized primary care
National Healthcare Group Polyclinics (NHGP)
Our Healthcare Challenges

Wave #1: Rapid Growth In Population

Wave #2: Rapid Ageing of The Population

Wave #3: Increasing Burden Of Chronic Diseases
Types of research conducted in NHGP:

1. Clinical Research

2. Health Services Research

3. Operations Research
Clinical Research

Diabetes mellitus

- A study on the impact of photograph-assisted dietary review amongst type 2 diabetics in a Primary Care Setting

Dr Darren Seah

- prospective investigator-initiated clinical trial that evaluates the effect of photograph-assisted dietary reviews on metabolic parameters of diabetic patients
Diabetes mellitus

- Effectiveness of a structured group diabetes education for newly diagnosed type 2 diabetes mellitus patients by
  Ms Ng Soh Mui (Nurse Clinician)

  - A prospective cohort study to evaluate the effectiveness of structured group diabetes education using Diabetes Conversation Maps®
Diabetes mellitus

• The prevalence of microalbuminuria and macroalbuminuria in type 2 diabetic patients in the primary care setting of a public institution in Singapore
  
  Dr Lee Eng Sing

• Reducing the Incidence of Severe Hypoglycaemia Requiring Outpatient or Hospital Care for Diabetic Patients seen in the National Healthcare Group Polyclinics
  
  Dr Helen Leong

• Health-related Quality of Life, Knowledge, Attitude and Glycaemic Control in Patients with Type 2 Diabetes Mellitus
  
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Social science in primary care

• Impact of Physician Education and Recommendation (E & R) on Fecal occult blood test (FOBT) screening.
  
  Dr. Angelia Chua

• A study of attitudes of public primary healthcare doctors and nurses towards interprofessional collaboration.
  
  Dr. Zheng Mingli

• Primary Care Staff's Response to H1N1 Pandemic Measures and Influenza Vaccination
  
  Dr. Predeebha Kannan

• Health Literacy And The Primary Care Healthcare Professional
  
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Health Services Research

- Clinical outcomes of patients with hypertension and dyslipidaemia managed by advanced practice nurse (APN) in NHGP
  Ms Carolyn Chan (APN)

- FroST-CASE (Frozen Shoulder Treatments – Conservative Approach Study Evaluation)
  Mr Kwok Boon Chong (Sr Physiotherapist)

- Effectiveness of Pharmacist-involved Chronic Disease Management Services in the Primary Care Settings in Singapore
  Ms Ong Soo Im (Pharmacist)
Research in NHGP

Operations research

• Queue management, queuing theory
• Preconsult information gathering
• HAWKS (Healthcare and Wellness Kiosk)

Collaboration with ASTAR

– patients with cough and cold symptoms answer basic health questions related to their symptoms at the kiosk
– patients’ weight may also be taken via the scale built into the base of the platform.
– patient’s answers & measurements are transferred into their electronic medical records
Contact us for enquiries on research in NHGP

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