

Research @ National Healthcare Group Polyclinics (NHGP)

Dr Tang Wern Ee
Head, Clinical Research Unit,
Family Medicine Development Division, NHGP

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**



Research in NHGP

Types of research conducted in NHGP:

1. Clinical Research



2. Health Services Research



3. Operations Research

Research in NHGP

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



Research in NHGP

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®



Research in NHGP

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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Research in NHGP

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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Research in NHGP

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



Research in NHGP

Contact us for enquiries on research in NHGP

- sok_huang_teo@nhgp.com.sg
- wern_ee_tang@nhgp.com.sg