



Adding years of healthy life

Environmental Sustainability





BCA GREEN MARK AWARDS

PLATINUM SUPER LOW ENERGY



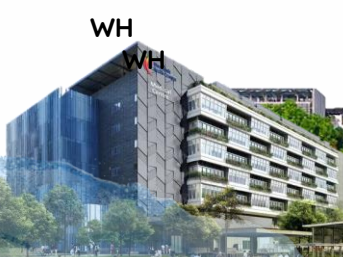
PLATINUM



TTSH



YCH



WH
WH



KTPH



NSC



ICH



Khatib Polyclinic



INFRASTRUCTURE



Solar Panel System

- Total 3.6 MWp Capacity installed



EV Chargers

- 26 EV Chargers Installed



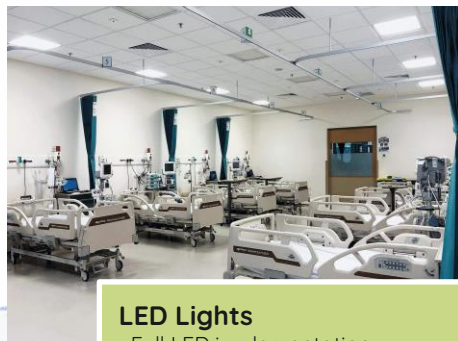
Food Digesters

- All inpatient kitchen equipped with food digesters



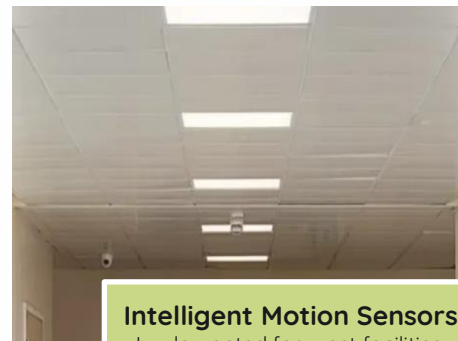
Chiller Plant

- Ultra Efficient HVAC for new built and retrofitted facilities



LED Lights

- Full LED implementation



Intelligent Motion Sensors

- Implemented for most facilities



Winner CLINICAL – ‘Sustainability hackathon’



RemediSG is one of the winners of a recent sustainability hackathon hosted at SMU.

Among the standout projects is **RemediSG**, a web application aimed at reducing medication wastage by **redirecting short shelf-life medications from public healthcare facilities to underserved areas** such as free clinics and migrant worker clinics.

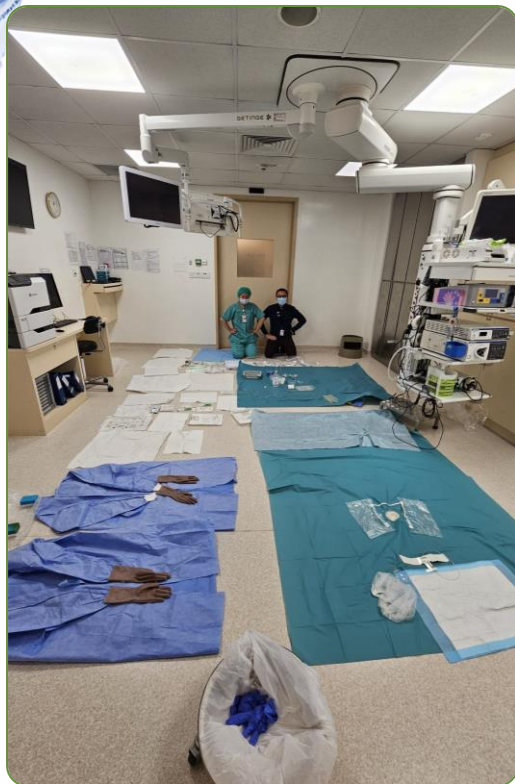
Hospitals discard over \$40,000 worth of medication annually. The **RemediSG** project is seeking external funding to cover logistics and aims to significantly reduce waste.

Brought you by:





CLINICAL – ‘Eye Can Recycle’ programme



Piloting and validating a ground-up and multi-pronged environmental sustainability drive in a day surgical centre setting by **reduce, reuse and recycling**.

Est. 40%
annual reduction

7,200 kg → 4,320 kg

Every phacoemulsification procedure generates 3kg of thrown-away waste.

Over the next three years and beyond, we aim to extend our project methodology to additional areas within NHG.

Challenge brought you by:



Supported by:



Partners:




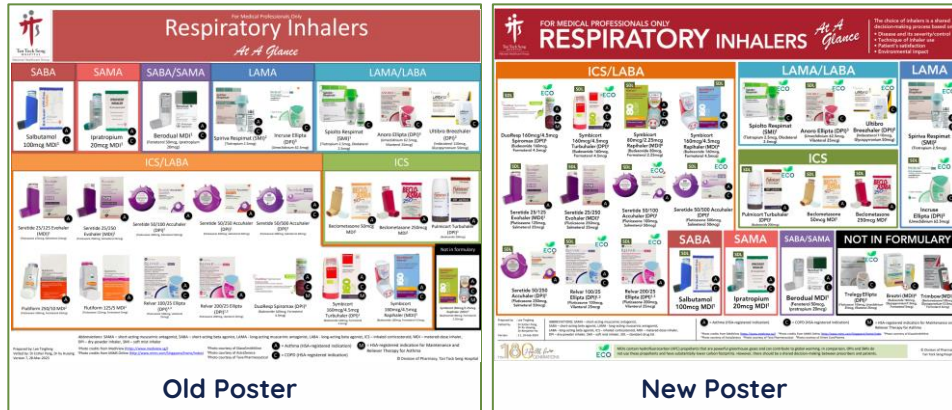


Use of Design Comms

CLINICAL – ‘Increase DPI Uptake’

Go Green, Breathe Easy: Switch to DPIs!

Patient education materials were revamped to emphasize recommending DPIs over MDIs and placing DPIs higher up in the poster and adding on **eco-label**  to raise awareness of environmental emissions.



Old Poster

New Poster

1. Eco-friendly logo affixed to Dry Powder Inhalers (DPIs) and Soft Mist Inhalers (SMIs)
2. Rearrangement of layout prioritizing non-MDIs
3. Included tip box at top right corner of poster

% of MDIs users vs. DPIs

62.5% → 59.0%

(2022) (2023)

In ONE year, 3.5% MDIs users have switched to DPIs! Saving approx. **0.6 million km** car emissions per year!

Brought you by:



Partners:





Medical Waste CLINICAL = 'Blisters Recycle' programme



Did you know that **medical blister packaging** is difficult to recycle due to its plastic polymer and aluminium composition?

We are piloting a new green initiative with the **Green Doctors Programme** at our hospital to recycle these medical blisters*.

Join us in making small changes for big impacts!

* In June 2024, approximately **5,500 empty blisters** were collected for recycling, totalling **5.85 kg**.

Brought you by:



Tan Tock Seng
HOSPITAL
National Healthcare Group

Partners:



Green Doctors Programme
Partnership with National Healthcare Group



CLINICAL – Upcycle Old Uniforms



Repurposed old uniforms and donated T-shirts to craft **eco-friendly tote bags** for patients. These sustainable bags serve as a convenient way to collect medication during their rehabilitation and recovery.

Notably, the T-shirt tote bags are lovingly **handmade by IMH slow stream rehab inpatients**, actively involving patients in the process.

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of MENTAL
HEALTH**
National Healthcare Group



CULTURE

Earth Day Week (April) and **Eco Fest (September)** organized by the IMH Green Committee annually, featuring an eco-trail tour, festive plant workshop, launching of staff carpooling channel initiative, sustainable booths from external vendors.



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HEALTH**
National Healthcare Group



CULTURE

Eco Carnival - Flinstone Race @ Yishun Pond Promenade

All materials used for the vehicles are recycling from Yishun Health campus



Brought you by:



Thank You

