



COMPONENTS OF A

Hospital Pharmacy in the battle of Covid-19



IMPACT

The coronavirus outbreak has caused many disruptions and challenges to the normal lives of everyone, including the normal hospital work flow.

Medication supply must go on

As a Hybrid Covid hospital, care of patient continues. They still need their repeat medication supplies as clinics are postponed for non-urgent /non-critical follow-ups. Chemotherapies and parenteral nutrition are still essential for our patients. For continous outpatient medicine supply, Pharmacy is widely promoting our contactless medication supply services : **UMP** (*Ubat Melalui Pos*) ~ Drugs via Postal Delivery and **PDA** (*Panggil dan Ambil*) ~ Call & Drive Thru services.

Order for Covid-19 Ward- STAT!!

Inpatient pharmacy team prepares floor stock medication for all Covid wards, as well as manufacture sanitisers to keep up with the increasing demand to ensure all wards have sufficient sanitisers available. Suppliers have not been able to keep up with the stock purchased so the pharmacy team constantly looks for alternatives.

Versatility and Flexibility

It feels like a race against time as the world grapple to find a way out in this. But it is important that we all stay versatile and flexible to find ways to adapt and work hand in hand to fight this together. Divided we fall TOGETHER WE STAND.

Social Distancing

We started off by creating a space of at least 1metre between the patients in the pharmacy waiting area

D-I-Y Spacer

Ward pharmacists have joined hands with the Respiratory Team to self-manufacture a DIY spacer to be used in the SARI wards to avoid nebulisers used which can potentially aerosolise coronavirus in the wards.

Shifting Discharge

Discharge pharmacy caters for whole hospital discharge drug supply. The ED Pharmacy including the staffs and medications had been mobilised literally overnight to re-open from Pediatric, O&G and Nephro pharmacy at the hospital's main lobby. This was initiated to reduce patient movement around the hospital by placing them nearer to the general finance counter.

Supply Chain

Vast majority of active ingredients in medicines including some patented items (original) are made in factories overseas. With major lock down in various countries, pharmacy purchasers are ensuring medication stocks for both outpatient treatment and inpatient care are adequate.

Extended supply

In order to assist patients during this Restricted Movement Order period, repeat medications are supplied for an extended duration of 2-3 months (if raw material stocks are not disrupted). For patients who have paying items, they can opt to buy from other retail pharmacies or come to our Farmasi NF to purchase.

Literature Review

Drug Information and Clinical Pharmacy team also are working closely with the Infectious Disease Team to constantly keep up with therapeutic options and to update HCM Covid treatment consensus. Ward pharmacists monitors patient treatment and ensure medications are given appropriately

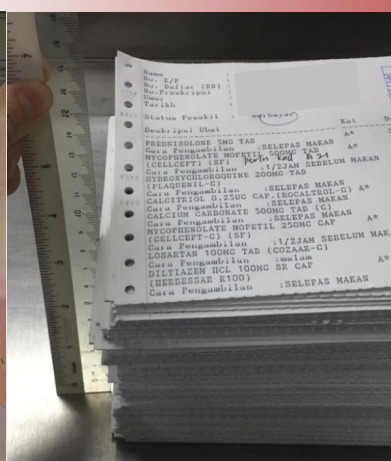
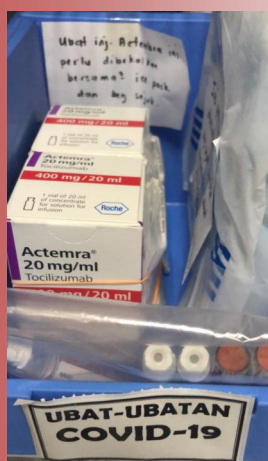
BEHIND THE SCENES



Social distancing measures



Medications packed for Drive – Thru and Postal Service



Medication supply for Covid-19 Wards

Repacking of sanitisers

Social distancing at drug pick-up area

Repeat prescriptions for processing as clinics are closed



Equipped with face shield for dispensing and counselling

D-I-Y spacers for patients in Severe Acute Respiratory Infection (SARI) Ward and Emergency area

PPUKM Formulary App is now available on:



A publication of Drug Information Centre

Michelle Tan hptan@ppukm.ukm.edu.my

Izyan Diyana Ibrahim izyandi@ppukm.ukm.edu.my

Nur Hafiza Saripin nurhafiza@ppukm.ukm.edu.my