

# **APLIKASI MOBIL ADULT INJECTABLE DRUGS GUIDE**

**HOSPITAL PORT DICKSON**



# APLIKASI MOBIL ADULT INJECTABLE DRUGS GUIDE

## OBJEKTIF

1. Mengurangkan masa yang diambil untuk mencari rujukan dilution bagi ubat-ubat parenteral.
2. Menyediakan satu platform bagi mendapatkan rujukan penyediaan dan cara memberi ubat suntikan yang seragam digunapakai oleh warga Hospital Port Dickson.

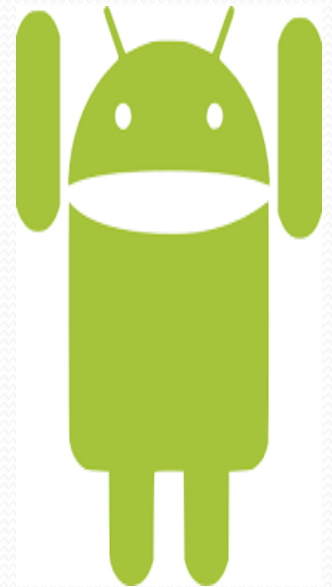
## FUNGSI

1. Sebagai satu-satunya aplikasi android di Hospital Port Dickson yang mengandungi maklumat Adult Injectable Drugs Guide yang sah.

# APLIKASI MOBIL ADULT INJECTABLE DRUGS GUIDE

## PENGGUNA

1. Jururawat
2. Penolong  
Pegawai  
Perubatan
3. Pegawai  
Perubatan
4. Pegawai Farmasi



**PLATFORM  
- ANDROID**



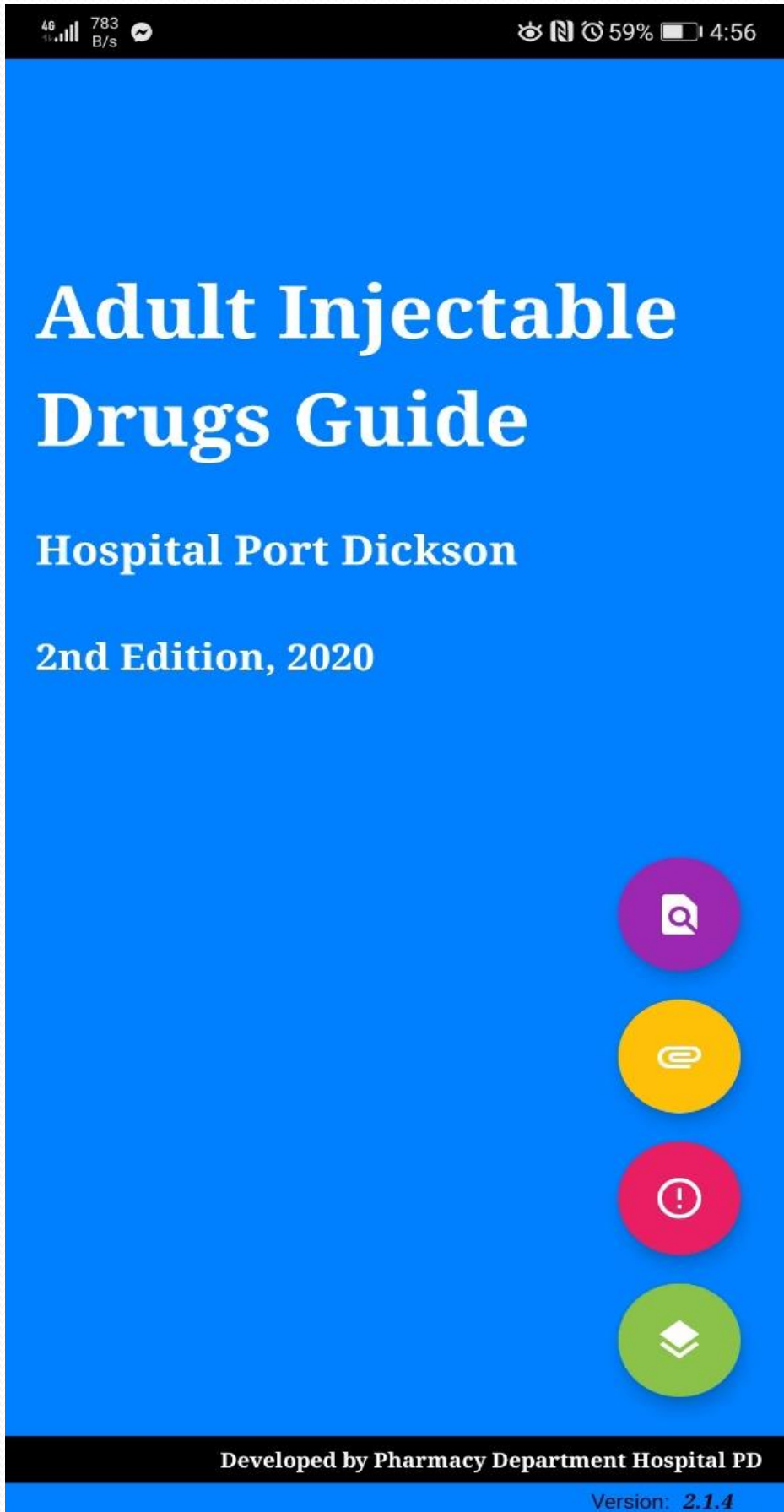
Penggunaan aplikasi mobil ini adalah secara *in-house*/ dalaman Hospital Port Dickson sahaja

## PEGAWAI YANG DIRUJUK



- Nama Pegawai  
Lau Boon Tiang
- Jawatan  
Pegawai Farmasi UF 52
- Emel  
[lauboontiang@moh.gov.my](mailto:lauboontiang@moh.gov.my)  
[boontianglau@gmail.com](mailto:boontianglau@gmail.com)
- No Telefon  
010-2106620

# SNAPSHOT APLIKASI (PAPARAN HADAPAN)



# SNAPSHOT APLIKASI

Druglist

Type keywords to search... Clear

- Acetylcysteine Injection Concentrate 2g/10mL
- Aciclovir Injection 250mg
- Adenosine 6mg/2mL
- Addamel™
- Adrenaline Injection 1mg/1mL
- Amikacin Sulfate 500mg/2mL
- Aminophylline 250mg/10mL Injection
- Amiodarone Hydrochloride 150mg/3mL
- Amoxicillin Sodium/ Potassium Clavulanate 1000mg/200mg
- Amphotericin B Injection 50mg
- Ampicillin and Sulbactam 1.5g
- Artesunate 60mg
- Atracurium Besvlate 25mg/2.5mL

Drug details

**Iron (III) Hydroxide Dextran Complex (100mg/2mL)**

Brand name

A. CosmoFer®

Excipients

CosmoFer®<sup>A</sup>

Excipients: <sup>A</sup>

WFI

Sodium Hydroxide (for pH adjustment)

Hydrochloric Acid (for pH adjustment)

Administration

**1 R** IV drip Infusion <sup>A</sup>

(Preferred route)

Test dose: <sup>A</sup>

Infuse the first 25mg of Iron over 15min.

If no adverse reaction occur, infuse the remaining portion at ≤100mL/30min.

**P** Dilute 100mg iron (2mL) in 100mL diluent. <sup>A</sup>  
Concentration: 1mg/mL

Or

Dilute 200mg iron (4mL) in 100mL diluent. <sup>A</sup>  
Concentration: 2mg/mL

**D** DSW <sup>A</sup>, NS <sup>A</sup>

**2 R** Slow IV injection <sup>A</sup>

Test dose: <sup>A</sup>

Infuse the first 25mg of the iron over 1-2min. If no adverse reaction occur within 15min, give the remaining portion.

**P** Inject 100-200mg iron (2-4mL) at 0.2mL/min (i.e. 100mg over 10min). <sup>A</sup>

Preferably dilute 100-200mg in 10-20mL diluent. <sup>A</sup>

Concentration: 10mg/mL

**D** DSW <sup>A</sup>, NS <sup>A</sup>

**3 R** Injection into dialyzer <sup>A</sup>

**P** Give directly into the venous limb of the dialyzer during a haemodialysis session, under the same procedures as outlined for IV administration. <sup>A</sup>

**D** -

## Storage/ Stability

Intact ampoule: <sup>A</sup>

Do not freeze. Discard unused portion.

After dilution: <sup>D</sup>

Use immediately. Chemical and physical in-use stability has been demonstrated for 24H at 25°C in NS and DSW. If not used immediately, in-use storage times and conditions prior to use are the responsibility of the user.

## Remarks/ Cautions

The product is contained in clear glass ampoule. <sup>A</sup>

IV drip infusion is the preferred route of administration, as this may help to reduce the risk of hypotensive episodes. <sup>A</sup>

For IM route, deep IM injection must be given to minimize the risk of subcutaneous staining. <sup>A</sup>

Deep IM injection into upper outer quadrant of the buttock, not into arm or other exposed areas. <sup>A</sup>

Moderately active: Give daily into alternate buttock; Inactive or bed-ridden: Give 1-2x/week. <sup>A</sup>

Total dose infusion may increase the incidence of adverse reactions, particularly delayed hypersensitivity-like reactions. <sup>A</sup>

Use in caution in patient have medicine allergy, systemic lupus erythematosus, rheumatoid arthritis, severe asthma, eczema or allergies.

Do not administer Cosmofer® concomitantly with oral iron preparation since the absorption of oral iron is reduced. <sup>A</sup>

## References

- Product leaflet
- Lance LL, Lacy CF & Armstrong LL. 2014. Drug information handbook: for the allied health professional with indication/therapeutic category index. Lexi-Comp.
- Truven Health Analytics - Micromedex® Drug Information 2016
- Gray A, Wright J, Goodey V, Bruce L. Injectable drugs guide. Pharmaceutical Press, 2010. Jun 1.
- Trissel LA. 2013. Handbook on injectable drugs.
- Pharmaceutical Services Division. 2015. Ministry of health drug formulary.
- Medscape® Mobile Application v4.1 (Drug Reference v1002.0)
- Ismael AK. Snakebite and envenomation management in Malaysia. Clinical Toxicology in Asia Pacific and Africa. 2015;71-102.
- HUKM Drug Formulary 5<sup>th</sup> Edition. 2014.
- Pharmaceutical Services Division. 2011. Dilution Guide for High Alert Medications.
- IKM Regional Poison Centre. 2015. Nova Scotia Provincial Antidote Kit Manual.



# SNAPSHOT APLIKASI

