



HOSPITAL SERI MANJUNG

PHARMACY BULLETIN BIL 1/2022

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NEW MEDICATIONS IN HSM FORMULARY

By : En. Mohamad Irshad Bin Sathiq Noor

1

Pamidronate Disodium 30mg/10mL

Indication : Hypercalcemia of malignancy (tumor induced hypercalcemia)

Dose : 60 to 90 mg as a single dose over 2 to 24 hours

Prescriber category (unit) : A* (Medical)

Additional Info : To restrict usage only to patients with CrCL <30ml/min (maximum 60mg single dose). Patients with CrCL > 30ml/min, to be given IV Zoledronic acid (Zometa)



KUOTA

2

Erythropoietin Beta Human Recombinant 4000 IU Injection (Recormon)



Indication : Treatment of anaemia associated with chronic renal failure. Dialysis patients who have haemoglobin less than 10 g/dL or are exhibiting symptoms of anaemia although haemoglobin more than 10 g/dL and pre-transplant cases.

Dosage : Given via SC route: 60 units/kg/wk for 4 wk. Dose may be divided to be given daily or 3 times/wk. When administer via IV, initial dose: 40 units/kg 3 times/wk for 4 wk. May be increased to 80 units/kg 3 times/wk. For SC and IV routes, subsequent doses can be increased at 60 units/kg/wk until target is reached.

Prescriber category (unit) : A (Hemodialysis)

KUOTA

3

Goserelin 10.8mg Depot Injection (Zoladex)

Indication : Androgen deprivation therapy in prostate cancer

Dosage : 1 depot SC inj 10.8mg every 3 months

Prescriber category (unit) : A (Surgical)



KUOTA

NEW MEDICATIONS IN HSM FORMULARY

4

Levodopa 100mg, Carbidopa 25mg, Entacapone 200mg Tablet (Stalevo 100/25/200)

Indication : Parkinson's Disease

Dosage : The optimum daily dosage must be determined by careful titration of levodopa in each patient. Each tab contains levodopa and carbidopa in a ratio of 4:1 and entacapone 200 mg: 1 tab each dose. Suggested dose is 1 tab QID. Max: 8 tab/day. Doses are individualised based on therapeutic response.

Prescriber category (unit) : A* (Medical)

Additional info : Alternative drug - T.Levodopa 100mg, Carbidopa 25mg (Sinemet) PLUS T.Entacapone 200mg



KUOTA

5



Rituximab 500mg/50ml Inj

Indication : Primary Membranous Nephropathy (off-label use according to FUKKM)

Dosage: 1 g once every 2 weeks x 2 doses, repeat in 6 months if necessary.

Prescriber category (unit) : A* (MOPD)

1 Patient/year

6

Natamycin 5% ophthalmic suspension (Bottle of 15mL)

Indication : Fungal keratitis

Dosage : 1 drop in conjunctival sac every 1 to 2 hours, after 3 to 4 days reduce to one drop 6 to 8 times daily; usual course of therapy is 2 to 3 weeks or until resolution of active fungal keratitis

Prescriber Category (unit) : A* (Ophthal)



2 Bottles/year

3

COVID-19 VACCINATION IN CHILDREN 5 - 12 YEARS OLD

By : Cik Dina Novella

In Malaysia, Comirnaty® (Pfizer-BioNTech) COVID-19 vaccine is currently the only approved vaccine for children 5-11 years of age. It is expected that additional COVID-19 vaccine suitable for paediatric population may become available in the future.



A recent phase II/III randomised clinical trial involving children 5 - 11 years old demonstrated excellent vaccine efficacy (90.7%) and non-inferior neutralising antibodies response in trial participants compared to individuals aged 16-25 years old. A total of 289,912 children or 8.2 per cent of the child population aged between five and 11 years in Malaysia have received the first dose of the Covid-19 vaccine under the National Covid-19 Immunisation Programme for Children (PICKids) as of Wednesday as of Feb 16.

VACCINATION SCHEDULE



Children aged 5-11 years with underlying medical conditions are at an increased risk for severe illness and should be prioritised to receive COVID-19 vaccination.

The Committee recommends Comirnaty® (Pfizer-BioNTech) vaccine paediatric formulation for COVID-19 vaccination of children 5-11 years. Two doses of the vaccine (10mcg per dose) should be given 8 weeks apart.



The longer interval of 8 weeks between the 2 doses is recommended based on emerging data in adults suggesting a stronger immune response, higher vaccine effectiveness and potentially longer duration of protection in those receiving longer interval of the primary series.

MYSEJAHTERA REGISTRATION

The steps below can be used as a guide to make a #PICKids vaccination appointment:

1. Go to the Home Page of your Mysejahtera application and press the "Covid-19 Vaccination" button
2. Click on your child's name.
3. Cancel your child's appointment.
4. Register your child again and choose the correct vaccine type, Pfizer(Children).
5. Once your child is registered, please wait for the appointment link to be provided in stages. Please check your Mysejahtera from time to time.

FORMULATION OF VACCINE AVAILABLE FOR CHILDREN IN MALAYSIA

Formulation	Dilute to use, 12 years and older	5 to < 12 years old, Dilute to use
Vial	Multi-dose Vial	Multi-dose Vial
Vial Cap Color	Purple 	Orange 
Dosage	30 mcg	10 mcg
Dilution	Dilution required	Dilution required
Amount of Diluent Needed per Vial	1.8 mL	1.3 mL
Vial Size	2 mL	2 mL
Doses per Vial	6 doses per vial (after dilution)	10 doses per vial (after dilution)
Injection Volume per Dose	0.3 mL	0.2 mL
Fill Volume per Vial	0.45 mL	1.3 mL
Refrigeration Storage Time (2°C to 8°C)	1 month	10 weeks
Freezer Storage Time (-25°C to -15°C)	2 weeks within the 9-month shelf life	DO NOT STORE
ULT Freezer Storage Time (-90°C to -60°C)	9 months (shelf life)	9 months (shelf life)
Room Temperature (8°C to 30°C)	Can be stored up to 2 hours prior to dilution	Can be stored up to 12 hours prior to dilution
After First Puncture of Dilution (2°C to 30°C)	Discard 6 hours after dilution	Discard 12 hours after dilution
Package Size	195 vials	10 vials

POST VACCINATION MONITORING

1. Stay at the place after vaccination for at least 15 minutes afterwards, just in case of any unusual reaction, so health workers can offer their help.
2. Check mySejahtera application for upcoming date of second dose. Second doses help boost the immune response and strengthen immunity.
3. In most cases, minor side effects are normal. Common side effects after vaccination, which indicate that a person's body is building protection to COVID-19 infection include **arm soreness, mild fever, tiredness, headaches, muscle or joint aches**.
4. Contact healthcare provider if there is redness or tenderness (pain) at vaccination area increases after 24 hours or if side effects do not go away after a few days.
5. If experiencing any difficulty breathing, chest pain, confusion, loss of speech or mobility after your vaccine, contact a healthcare provider immediately. Vaccines are continually monitored for as long as they are in use to detect and respond to rare adverse events.
6. Most side effects go away within a few days on their own. You can manage any side effects with rest, plenty of non-alcoholic liquids and taking medication to manage pain and fever, if needed.

CONTRAINDICATIONS TO VACCINATION

1. Contraindicated in individuals who have had severe allergic reactions after a previous dose of the vaccine or to any of the vaccine ingredients.
2. Contraindicated in individuals who develop allergic reaction of any severity within 72 hours after a previous dose or any known allergy to any of the vaccine ingredient.
3. Vaccination of children with an acute illness should be deferred until the acute symptoms have resolved.
4. Preferably not be given simultaneously or defer the vaccination for at least 2 weeks when given with other vaccines to avoid confounding possible adverse events.
5. Prophylactic oral analgesics or antipyretics, such as paracetamol or ibuprofen, should not be routinely used prior to or during vaccination as the medications may interfere with the immune response.
6. Children with a prior history of MIS-C may receive COVID-19 vaccine but it should be deferred until clinical recovery has been achieved.

REFERENCES



1. Ministry of Health Malaysia, 2022. Clinical Guideline on COVID-19 vaccination for children 5-11 years old. (1st edition).
2. Mysejahtera.malaysia.gov.my. 2022. Trending Requests MySJ. [online] Available at: https://mysejahtera.malaysia.gov.my/help_en/trendingRequests/?sec=div_TRG [Accessed 22 February 2022].
3. Who.int. 2022. COVID-19 Vaccines Advice. [online] Available at: <https://www.who.int/emergencies/diseases/novel-coronavirus-2019/covid-19-vaccines/advice> [Accessed 26 February 2022].

LASA (LOOK ALIKE SOUND ALIKE MEDICATIONS)

By: Cik Foo Yen Li and Pn. Puspavathy Kanniappan

Look Alike Sound Alike (LASA) medications involve medications that are visually similar in physical appearance or packaging and names of medications that have spelling similarities and/or similar phonetics. As more medicines and new brands are being marketed in addition to the thousands already available, many of these medication names may look or sound alike. Confusing medication names and similar product packaging may lead to potentially harmful medication errors. Two examples of newly purchased products will be discussed in this bulletin, which are Chlorhexidine Gluconate 2% in Alcohol 70% Solution and hand rub.

COMPARISON BETWEEN CHLORHEXIDINE GLUCONATE 2% IN ALCOHOL 70% SOLUTION AND HAND RUB IN HSM

	Chlorhexidine Gluconate 2% in Alcohol 70% Solution	Hand Rub - Chlorhexidine 1:200 in Alcohol with Emollient (for hand disinfection)
Brand	Current: Unimed's ChlorSept 2% with IPA Antiseptic Solution Previous: SteriPrep	Current: Unimed's ChlorSept 0.5% Previous: Septi-Sol Solution
Strength	Chlorhexidine Gluconate 2% in Alcohol 70%	Chlorhexidine 1:200 in Alcohol
Indication	Antiseptic prior to procedure	Hand disinfection
Stability	Shelf life 3 days after opening	Expiry date printed on bottle
Product		



Unimed's ChlorSept 2% (Chlorhexidine) with IPA Antiseptic Solution

SteriPrep 2% (Chlorhexidine) with IPA Antiseptic Solution

Unimed's ChlorSept 0.5% for Hands Disinfections

Gambar 2: Unimed's Chlorsept 2% with IPA Antiseptic Solution:



STAFF MOVEMENT

(SEPTEMBER 2021-MARCH 2022)

NEW STAFF

1	ARNI ZAFIRAH BINTI ZAMINUDIN	PF UF41 (PRP)
2	NURUL BALQIS BINTI ZAINAL AZIM	PF UF41 (PRP)
3	LIEW YI WEN	PF UF41 (PRP)
4	NUR NAJIHAH BINTI BAHRIN	PF UF41 (PRP)
5	SITI NUR ADILAH BINTI MOHD YUSDI	PF UF41 (PRP)
6	NOR FAZLINDA BINTI AZMI	PF UF41 (PRP)
7	TAN SU PENG	PF UF41 (PRP)
8	NUR SAFFIA BINTI MOHD NASIR	PF UF41 (PRP)
9	MUNA IZZAH BINTI MOKHTAR AL-ATHORID	PF UF41 (PRP)
10	NUR ADIILAH BINTI RAMLI	PF UF41 (PRP)

TRANSFERRED IN

1	PUAN NURSYAMIMI BT MOHD MOKHTAR	PF UF48
2	ENCIK ZULKIFLI BIN KHAIRUDDIN	PF UF44
3	PUAN KUMUTHA A/P KUMARASAMY	PF UF44

TRANSFERRED OUT

1	PUAN ZURaida BT. MAT ADAM	PF UF54
2	CIK CHONG SHI NEE	PF UF48
3	PUAN SITI NAIMAH BT MOHD NOR	PF UF44

RETIRED

1	PUAN NORSIDAH BT. OTHMAN	PPK U14
2	ENCIK ABDUL RAZAK BIN ABDUL LATIF	PT N22

RESIGNED

1	CIK TIANG BAI HUI	PF UF44
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