



## Haemophilus Influenza B Vaccine vs Influenza Vaccine

### Haemophilus Influenza B (HIB) Vaccine

### Influenza vaccine

Criteria of use <sup>(1)</sup>	For cases of splenectomy	Moderate to severe COPD, asthma with recurrent exacerbation due to flu / URTI , moderate to severe bronchiectasis with recurrent exacerbation, any other chronic lung disease
Preparation available in Hospital USM <sup>(1)</sup>	0.5 ml each	
Current brand name *subject to change	<p>Hiberix<sup>®</sup></p> 	<p>Influvac<sup>®</sup></p> 
Indication and Recommended Doses According to Criteria of Use	<p><b>Splenectomy</b></p> <p>0.5 ml vaccine should be administered at least 2 weeks before splenectomy in elective cases (preferably 4–6 weeks before) or at least 2 weeks after surgery in emergency case <sup>(4)</sup></p>	<p><b>Prevention of flu in persons ≥65 yr; adults &amp; children with chronic pulmonary &amp; CV disorders, chronic metabolic diseases, chronic renal dysfunction &amp; immunodeficiencies; children 6 mth-18 year on long-term acetylsalicylic acid.</b></p> <p>IM/deep SC inj <u>Adult &amp; children ≥36 month</u> 0.5 ml. <u>Children 6-35 months</u> 0.25 or 0.5 ml. For children who have not previously been vaccinated, a 2nd dose should be given after an interval of at least 4 weeks.<sup>(3)</sup></p>
Contraindications	Hypersensitivity to the vaccine or after previous administration. <sup>(2)</sup>	Hypersensitivity to eggs, chicken protein, formaldehyde, cetyltrimethyl ammon Br, polysorbate 80, gentamicin. Febrile illness or acute infection. <sup>(3)</sup>
Special Precautions	Not to be injected by IV. Not a substitute for routine tetanus vaccination. Not for protection against disease due to other types of H influenzae nor against meningitis caused by other organisms. Postpone vaccination in subjects with acute severe febrile illness. Syncope. Resp monitoring for 48-72 hr in very premature infants (≤28 wk of gestation) & with previous history of resp. immaturity. <sup>(2)</sup>	Do not administer intravascularly. Endogenous or iatrogenic immunosuppression. <sup>(3)</sup>

#### References

- Hospital USM Formulary
- MIMS Malaysia online: Hiberix. Retrieved on 13/1/2019 from: <http://www.mims.com/malaysia/drug/info/hiberix/?type=brief>
- MIMS Malaysia online: Influvac. Retrieved on 13/1/2019 from: <http://www.mims.com/malaysia/drug/info/hiberix/?type=brief>
- Bonanni, P., Grazzini, M., Niccolai, G., Paolini, D., Varone, O., Bartoloni, A., ... Bechini, A. (2017). Recommended vaccinations for asplenic and hyposplenic adult patients. Human vaccines & immunotherapeutics, 13(2), 359–368.

#### Prepared by:

- Khairul Bariah Johan
- Noraini Ariffin
- Nur Aida Murni Mamamad