



# PHARMACY BULLETIN



## PPUKM

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### Comparison of The New Influenza Vaccine (**FLuQuadri**) VS **Vaxigrip** by PRP Tee Xue Ying

Influenza (also called flu) is a contagious respiratory illness caused by influenza viruses that infect the nose, throat, and lungs. Flu viruses spread mainly by droplets made when people with flu cough, sneeze, and talk. Most healthy adults may be able to infect others beginning 1 day before symptoms develop and up to 5 to 7 days after becoming sick. The best way to prevent the flu is by getting a flu vaccine each year.<sup>[1]</sup> Vaccination to prevent influenza is particularly important for people who are at high risk of serious complications from influenza. These people include young children, people 65 and older, pregnant women, and people with certain health conditions—such as heart, lung or kidney disease, nervous system disorders, or a weakened immune system.<sup>[2]</sup>



























Brand	<b>Vaxigrip®</b> by Sanofi Pasteur 	<b>FLuQuadri®</b> by Sanofi Pasteur 
Contents	Inactivated <b>TRIVALENT</b> Influenza Vaccine: (Split virion) : The 2015-2016 strains are as follows : <ul style="list-style-type: none"> <li>• A/California/7/2009 (H1N1)pdm09 - like virus</li> <li>• A/Switzerland/9715293/2013 (H3N2) - like virus</li> <li>• B/Phuket/3073/2013 – like virus (Yamagata lineage)</li> </ul>	Inactivated <b>QUADRIVALENT</b> Influenza Vaccine: (Split Virion) The 2015-2016 strains are as follows : <ul style="list-style-type: none"> <li>• A/California/7/2009 (H1N1)pdm09 - like virus</li> <li>• A/Switzerland/9715293/2013 (H3N2) - like virus</li> <li>• B/Phuket/3073/2013 – like virus (Yamagata lineage)</li> </ul> For FLuQuadri, another B virus was added to the vaccine to give broader protection against circulating flu viruses; le <ul style="list-style-type: none"> <li>• Brisbane/60/2008 like virus (B/Brisbane/60/2008 Victoria lineage).</li> </ul>
Price /inj	RM25.30. Free for UKM/HUKM staff	RM43.15 [Free for UKM/HUKM staff]
Dosage	<b>Children 6-35 months:</b> 0.25 mL. <b>Adults and Children ≥36 months:</b> 0.5 mL. If the child has not been previously vaccinated against flu, a 2nd dose should be given after at least 4 weeks.	<b>Children 6-35 months:</b> one or two 0.25-mL dose; <b>Children 36 months- 8 years:</b> one or two 0.5-mL dose; <b>Individuals &amp; children ≥9 yr:</b> one 0.5-mL dose <b>Children not previously vaccinated against flu:</b> 2nd dose to be given after at least 1 month apart.
Administration	<b>IM or SC.</b> Do not inject directly into a blood vessel.	For <b>IM</b> use only. Do not administer FluQuadri intravenously, intradermally or SC.
Contraindication	Known hypersensitivity to any components of Vaxigrip/ Vaxigrip Pediatric, to <b>residues from eggs</b> (eg, ovalbumin), chicken proteins, neomycin, formaldehyde and octoxinol-9. In case of febrile illness or acute infection, it is preferable to postpone vaccination.	Severe allergic reaction (eg, anaphylaxis) to any component of FluQuadri (see Description) including <b>egg protein</b> , or to a previous dose of any influenza vaccine.
Safety in pregnancy & lactation	<b>Category B2:</b> Flu vaccines can be used in all stages of pregnancy. Larger data sets on safety are available for the 2nd and 3rd trimester; compared to the 1st trimester; however, data from worldwide use of inactivated influenza vaccines do not indicate any adverse foetal and maternal outcomes attributed to the vaccine. Vaxigrip <b>may be used</b> during lactation. <sup>[4]</sup>	<b>Category C:</b> Either studies in animals have revealed adverse effects on the foetus (teratogenic or embryocidal or other) and there are no controlled studies in women or studies in women and animals are not available. Drugs should be given only if the potential benefit justifies the potential risk to the foetus. It is not known whether FluQuadri is excreted in human milk. Because many drugs are excreted in human milk, caution should be exercised when FluQuadri is administered to a nursing woman. <sup>[3]</sup>
Duration of immunity	Usually 6-12 months.	

#### REFERENCES:

1. Centers for Disease Control and Prevention. Key Facts about Influenza (Flu) & Flu Vaccine. [updated 2014 Sept 9th]. Available from: <http://www.cdc.gov/flu/keyfacts.htm> (accessed 19 June 2015)
2. Centers for Disease Control and Prevention. Vaccine Information Statement (Interim), Inactivated Influenza Vaccine. 2014 Aug 19. Available from: [http://www.immunize.org/vis/flu\\_inactive.pdf](http://www.immunize.org/vis/flu_inactive.pdf)
3. MIMS Malaysia. Fluquadri. Available from: <http://www.mims.com/Malaysia/drug/info/FluQuadri/?type=BRIEF>
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5. Data sheet: Vaxigrip. Available from: [http://products.sanofi.com.au/vaccines/VAXIGRIP\\_NZ\\_PI\\_2013-03.pdf](http://products.sanofi.com.au/vaccines/VAXIGRIP_NZ_PI_2013-03.pdf)

# WOUND DRESSINGS IN PPUKM BY PRP JING YI & MS IZAN

Wound is defined as a physical injury to the body consisting of a laceration or breaking of the skin or mucous membrane. This can be from the smallest scratch from a pet, to a "roastie" from the rugby field, to sustaining a major burn from a house fire. Wound varies in size and depth, hence choosing the right dressing to suit the condition of a patient's wound is vital for optimum healing and quality of life. Below are the different types of wound dressings available in PPUKM:

Type of Dressing	Indication  ; Advantages  & Disadvantages 	Kedai Farmasi PPUKM	UKM K-HEALTH	7th Floor Pharmacy (UKMSC)
<b>Profore 18-25cm (1 box)</b> [Compression bandage]	 1st choice in treatment of venous leg ulcers and can be used on patients with ankle circumferences of greater than 18cm or 7 ¼ inches (padded).  Effective, graduated & sustained compression, extended wear time, convenient.	-	RM 95.40	-
<b>Prontosan Wound Irrigation Solution (350ml)</b> [Antimicrobial]	 prevention of an infection in acute and chronic wounds including traumatic wounds, post-operative wounds, chronic skin ulcers (venous, diabetic or pressure ulcers), burns 1st and 2nd degree  Reduces healing time, removes & prevents biofilm, prevents infections and facilitate painless dressing changes.	-	RM 35.00	-
<b>Prontosan Wound Gel (30ml)</b> [Antimicrobial]	 Cleansing & moisturizing of skin wounds & burns  Reduce healing time, removes & prevents biofilm & infections, facilitates painless dressing changes.	-	RM 53.00	-
<b>Dermacyn wound care solution (500ml)</b>	 For debriding & cleaning acute & chronic dermal lesions (eg Stage IV pressure ulcer). Indicated for statis ulcers, diabetic ulcers, post-surgical wounds, 1st & 2nd degree burns, abrasions & minor irritations of the skins.  Treat wide range of pathogens, including MRSA & VRE, viruses, fungi & spores while reducing inflammation & increase blood flow to tissue.	-	RM 37.10	RM 47.17
<b>Dermacyn wound care hydrogel (50g)</b>	 Management of exuding wounds (eg leg ulcers, pressure ulcers, diabetic ulcers & for the management of mechanically or surgically debrided wounds).  Helps hydrate wounds & maintain optimally moist wound-healing environment. Assist in autolytic debridement. Ideal for uneven & difficult to reach places.	-	RM 42.40	-
<b>*DuoDerm [Hydrocolloid dressing]</b>	 Burns (small) abrasions.  Retains moisture, painless removal. Promotes granulation.  Avoid on high exudate wounds.	<b>No longer available in Kedai Farmasi PPUKM starting 1st April 2015</b>	-	-
<b>*Kaltostat 7.5 x 12.0 cm (1's)</b> [Alginate dressing : promotes autolytic debridements in moist wound]	 Moderate to highly exudative wound & wounds with minor bleeding. Suitable for chronic wounds (leg ulcers, pressure ulcers, diabetic ulcers & fungating lesions). & acute wounds (donor sites, abrasions, lacerations & post-surgical wounds).  Forms gel on wound, hence provides moist environment. Reduces pain. Absorbent in exudative wounds. Promotes haemostasis, providing a matrix to support blood clot formation. Low allergenic.  May require secondary dressing. Not recommended in anaerobic infections. Gel can be confused with slough or pus in the wound.		-	-
<b>Bactigras 15 x 20cm</b> [Antimicrobial]	 Adjunctive treatment & prevention of infection in skin loss lesions, including wounds, burns and ulcers.  Reduce adhesion to wound. Moist environment aids healing.  Does not absorb exudate. Requires secondary dressing. May induce allergy or delay healing when impregnated.	RM 7.42	-	-
<b>Micropore [Permeable adhesive Tape]</b>	 General purpose small wounds  Hypoallergenic. Provides wound support.  Non-absorbent	1/2 )RM 1.91 (1")RM 3.61		
<b>Location &amp; contact No</b> 		GF , Visitor's Lobby 03-91455398	GF Visitor's Lobby 03-91739357	7th Floor, private wing 03-91457751