



# Scottish Vaccine Update

Health Protection Scotland

Issue 59 June 2017 © HPS



## Global shortage of hepatitis A vaccine and dose sparing recommendations

In the context of an ongoing hepatitis A outbreak, primarily affecting men who have sex with men (MSM), and the ongoing global hepatitis A vaccine shortage, the Joint Committee for Vaccination and Immunisation (JCVI) endorsed, in June 2017, new pre-exposure vaccine recommendations and advice on dose sparing options for hepatitis A vaccines.

The existing 'Green Book' recommendation states that all MSM reporting multiple sexual partners should be offered hepatitis A vaccination. It is now recommended that all MSM attending HIV, GUM or Sexual Health clinics should be opportunistically offered vaccination against hepatitis A. Our understanding is that many NHS Boards in Scotland do already widely offer MSM vaccination against hepatitis A, often using combined hepatitis A and B vaccine. This is consistent with recommendations agreed by JCVI, particularly in view of supply issues.

The higher dose monovalent adult hepatitis A vaccine is preferred for pre exposure immunisation in outbreak control since it gives more rapid protection. Nevertheless, in view of potential supply issues with adult monovalent hepatitis A vaccine and anticipated increased demand, temporary 'dose-sparing' options have been issued by the JCVI. Unvaccinated HIV positive persons should preferentially receive standard adult antigen content monovalent hepatitis A vaccine as a priming dose because of the poor response rates to vaccine in this group. The 'dose-sparing' options are as follows:

### Where adult monovalent hepatitis A vaccine stock is not available:

- A single dose of paediatric monovalent hepatitis A vaccine can be given to adults (off-label) as pre exposure immunisation.
- Where this is not available or where hepatitis B immunisation is also indicated, a single dose of adult combination hepatitis A/B vaccine can be given to adults (off-label) as pre exposure immunisation.

### For adults already primed with adult hepatitis A vaccine:

- A booster dose of either paediatric monovalent hepatitis A vaccine or adult combination hepatitis A/B vaccine can be given (off-label).
- A booster dose can be delayed to five years.

Remaining hepatitis A and B doses can be given using either monovalent or combination vaccine.

This advice is supported by immunogenicity data which indicate that the antigen content of a single dose of hepatitis A paediatric monovalent or adult combination hepatitis A/B vaccine is sufficient to confer short term protection to adults. In addition, a WHO review found that protective anti-hepatitis A antibody levels after a single dose of hepatitis A vaccine persist for several years.

## HIV positive individuals

- Unvaccinated HIV positive persons should preferentially receive standard adult antigen content monovalent hepatitis A vaccine as a priming dose because of the poorer response to vaccine in this group. If adult monovalent vaccine is not available, BASHH/ BHIVA advise:
  - CD4 count < 500 cells/ $\mu$ L : two doses of paediatric hepatitis A vaccine
  - CD4 count  $\geq$  500 cells/ $\mu$ L - single dose of paediatric hepatitis A vaccine

## Travellers

Health Protection Scotland issues country specific hepatitis A recommendations for those travelling abroad, and has posted specific advice for MSM travellers attending World Pride events in Europe this summer. This can be accessed via the travel health websites (TRAVAX, available [here](#) and fitfortravel, available [here](#).)

The TRAVAX advice line (0141 300 1130) is available 14:00 - 16:00 on a Monday, 14:00 - 16:00 on a Wednesday and 09:30 - 11:30 on a Friday.

TRAVAX has produced frequently asked questions (FAQ) to answer common queries received from practitioners regarding the dose sparing options in travellers. These are available [here](#). These are regularly updated so please visit the FAQ section regularly.

Whether or not vaccine is administered, it should be emphasised to all travellers that taking food and water precautions and practising meticulous hand and personal hygiene will reduce the risk of hepatitis A infection acquisition and spread.

## Post-exposure Recommendations

Post-exposure immunisation should follow schedules outlined in the Green Book. The use of monovalent vaccine is preferred to the combined vaccine. However, in the context of monovalent adult dose shortage and non availability, the paediatric vaccine (one or two doses) should be used rather than delaying the administration of vaccine given that time is critical following exposure; in the event of paediatric vaccine shortage, the combined vaccine should be used.

## Flu vaccine advice on ordering for 2017/18

### Pre-season ordering

Ordering for the 2017/18 flu season will open on 10 July 2017. From this date you will be able to place pre-orders for adult influenza vaccine. If there are no issues with production of flu vaccines it is anticipated these will be delivered to you in the week commencing 18 September 2017.

### Placing orders

You will be able to place orders via OM Marketplace (the same as last year) using the log-in details provided to you last year. Your username will be your email address. If you have forgotten your password you can request a new one using the 'Forgot password?' link on the OM Marketplace log-in screen. You can access OM Marketplace [here](#).

### User details

Now is a good time to review who will be placing orders in your practice. If there are any new staff that require access to OM Marketplace or if you need to update existing log-in details please contact OM Movianto on [Flu.Scotland@Movianto.com](mailto:Flu.Scotland@Movianto.com) and they will make the necessary changes for you. It is important to ensure your contact details are up to date as OM Movianto will use these to send you key messages and updates throughout the flu season.

### Deliveries

If there are no issues with production of flu vaccines it is anticipated these will be delivered to you in the week commencing 18 September 2017. Your scheduled delivery day will fall on the same day of the week as the last flu season. A copy of the OM Movianto delivery schedule will be available on the Practitioner Services flu vaccine webpage available [here](#) if you wish to check your delivery day.

### Further Information

The Practitioner Services flu vaccine webpage will be shortly be updated with useful information about the vaccines available for the 2017/18 season and who to contact within your health board if you have any queries. OM Movianto will be in touch with you directly when ordering opens on 10 July with more information and an updated copy of the OM Marketplace User Guide. If you have any queries in the meantime please contact [NSS. fluvaccineenquiries@nhs.net](mailto:NSS.fluvaccineenquiries@nhs.net) and someone will get back to you.

## Vaccine supply updates

### Hepatitis A

#### Adult

- GSK: Havrix PFS singles are currently unavailable until the end of July. From the end of July to mid-August, there will be supply constraints. All presentations of Havrix adult

will then be unavailable from mid-august to early 2018

- GSK: Havrix PFS x 10 packs are unavailable until 2018
- Sanofi Pasteur: limited supplies of Avaxim are available. It is likely there will be order restrictions in place.
- MSD: A limited supply of VAQTA will become available towards the end of June through their wholesaler. There will be restricted supplies of VAQTA during 2017

## Paediatric

- GSK: Paediatric doses of Havrix Monodose are available
- MSD: VAQTA Paediatric is unavailable until late August

## Hepatitis B

### Adult

- GSK: Engerix B PFS singles will have supply constraints from end of June to mid-July. From late August Engerix B Adult PFS will be out of stock until early 2018
- GSK: Engerix B vials are available, although supply will be limited
- MSD: HBVAXPRO 10µg is unavailable until late July
- MSD: HBVAXPRO 40µg is unavailable until late July

### Paediatric

- GSK: Engerix B Paediatric is available
- MSD: HBVAXPRO 5µg is available

## Combined hepatitis A and hepatitis B vaccine

- GSK: Supplies of the adult presentation (Twinrix) and paediatric presentation (Twinrix Paediatric) remain available
- Ambirix is also available

## Combined Hepatitis A and Typhoid

- GSK: Hepatyrix is unavailable until at least 2019
- Sanofi Pasteur: ViATim is currently unavailable. There will be intermittent supply from now until late October

## Typhoid

- GSK: Typherix is unavailable until at least 2019
- Sanofi Pasteur: Typhim in 10 packs are available. There are supply constraints with the single presentation and there may be order restrictions. Supply of the single packs will be more stable from July 2017 onwards

- PaxVax currently have stock of Vivotif

## Rabies

- GSK: Rabipur is available
- Sanofi Pasteur: licensed Rabies Vaccine BP is out of stock. For more information contact Sanofi Pasteur

## Pneumococcal Polysaccharide Vaccine

- Pneumococcal Polysaccharide Vaccine (formerly known as Pneumovax II) is available from MSD. Further supplies to be made available from late June. In order to avoid confusion when ordering, remember to ask for Pneumococcal Polysaccharide Vaccine, do not use this product's former name of Pneumovax II

## Varicella Zoster

- GSK: Varilrix is currently unavailable until mid-July. However, this is an estimated date and may be subject to change
- MSD: VARIVAX is currently available

## Diphtheria, tetanus and poliomyelitis (inactivated) vaccine

- Sanofi Pasteur: there are limited supplies of Revaxis available. Supply should be more stable from July 2017.

## Register now to receive Scottish Vaccine Update

If you want to receive issues of Scottish Vaccine Update as they are published please subscribe at: <http://www.hps.scot.nhs.uk/immvax/scottishvaccineupdate.aspx>

Scottish Vaccine Update information on vaccine supplies is based upon information obtained from Public Health England

### Scottish Vaccine Update

**Published by:** Health Protection Scotland  
Meridian Court, 5 Cadogan Street, Glasgow G2 6QE

**T:** 0141 300 1100    **F:** 0141 300 1170    **W:** <http://www.hps.scot.nhs.uk>

© Health Protection Scotland 2017