



Vaccine update

It's time to vaccinate!

Autumn has officially begun and the days are getting shorter, schools are in full swing and the HPV universal programme has begun. Year 8 boys and girls in secondary schools are having their first HPV vaccination!

The flu season has begun and this year we are offering a wider range of flu vaccines which offer even better protection for the population. We hope that every eligible primary child has this year's child flu leaflet to accompany their consent form to take home and that we achieve the best update this year to date.

Our immunisation stand began this year's roadshow visiting the RCN school nurse conference late in August and we are looking forward to attending Schools and Public Health nurses conference (SAPHNA) in 2020.

This month we have enjoyed being part of the RCM annual conference and meeting this year's wonderful midwives and the student midwives. We really enjoyed meeting with practice nurses at Nursing in Practice in London, where our new flu vaccines poster ([weblink 1](#)) was a real hit!



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We provided all our printed and digital resources and details of how to order. This edition of Vaccine Update features some great resources to support school immunisation programmes.

Look out for our stand at Best Practice, Birmingham, 9-10 October, CPHVA, 16-17 October, Harrogate and the Meningitis Research Foundation annual conference, London 5-6 November. Conferences are very important to our team as we present and connect with delegates, answer questions and listen to feedback about the healthcare professionals experience of delivering the vaccine programmes. We distribute a wide range of resources and some conference only materials. All feedback received is used to inform the programmes and publications.

We are working behind the scenes to bring you the best National Immunisation Network conference and exhibition, 21-22 April NIN 2020.



Please save the dates!

Full details will be announced later this year including poster abstract submission dates. This year we are hoping to include Rapid Fire presentations from every region – telling us about addressing inequalities and – How we did it! A live version of the feature in Vaccine Update.

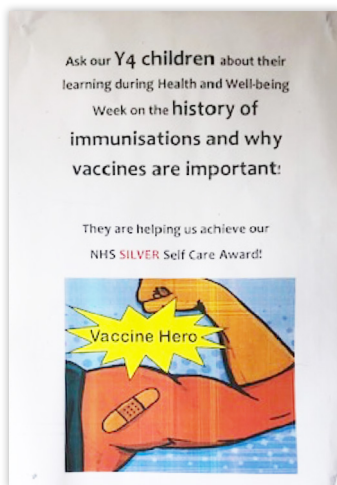
If you have any stories to tell about what you did and how it worked, please email immunisation@phe.gov.uk

How we did it!



Wrenbury Primary School have linked up with Wrenbury GP Practice and Wrenbury Nursing Home (WNH) to help them achieve their NHS South Cheshire CCG Silver Self Care Award through their 'Immunisation and why we have it' project

The Year 4 children visited the Wrenbury GP Practice in groups to speak to the GP and staff, hearing why they give vaccinations, the history of immunisation and all became 'Vaccine Heroes'. They were able to get real stories of life pre-vaccination from some of the residents of the local nursing home who described in their own words what they remembered about growing up and if they remembered having their first vaccinations.



Practice Manager, Becky Barber said "We are incredibly proud of how some of the youngest and oldest members of our community have come together to share and learn about the important issue of immunisations. The photographs and memories shared by the residents from WNH really did resonate with us as a practice team, they also made the learning for the children much more real. The children's game of tag to illustrate what they learnt about Herd Immunity was so simple but so effective!"

The school followed up their immunisation activity by promoting the work to parents and grandparents at their Summer term Sharing Afternoon. Year 4 also led an assembly at the school, sharing the information around the importance of immunisation with the whole school.

Mrs Bessa Cador (Head-teacher) "It has been a really worthwhile and enlightening project to be part of, in collaboration with the doctor's surgery and our resident friends at the Nursing Home. Understanding why immunisation matters; hearing and reading first-hand accounts from the residents and then letting the children take the lead in school on this serious health issue not only raises awareness but also highlights the importance of vaccinations in a more meaningful way for the rest of the pupils and our school community." NHS South Cheshire CCG have awarded their first joint Silver Self Care Award to Wrenbury Primary School and Wrenbury GP Practice – Noreen Caldwell, Public Engagement and Involvement Manager at the CCG, said: "I am thrilled by the way that the whole community have come together providing information around the history of vaccinations and their importance and how we can all be Vaccine Heros."

Please take a look at the video at [weblink 2](#)

Vaccine update Flu special now available

This year's Flu special is our best yet and we want to make sure that every person who needs their flu vaccination, is given one of our leaflets and we have worked hard to bring new Easy Read and translated versions of the leaflet in a wide range of languages, available to download now. We can now offer an audio or braille version of the main winter flu leaflet ([weblink 3](#)).

Please also take a look at the new Health and social worker flu campaign, orders can be placed now for all the great resources available. We can all be flu heroes by having our routine flu vaccination and being part of this essential public health programme.

School teams? New resources!

HPV universal programme – have you see the new video?

We are very proud to announce that our first HPV programme video produced by NHS.UK working with PHE, is now available. It explains the HPV programme and is suitable to be shown in schools as part of parent briefings, assemblies, school immunisation presentations and can be incorporated into PSHE and science lessons. It features one of our vaccine hero's Michele Olphonce whose experience as an Immunisation healthcare professional makes her the perfect candidate to help all eligible year 8 boys and girls and their parents learn about the benefits of the HPV vaccine and how it will be delivered in schools.



You can view and download it from [HealthPublications.gov.uk](https://www.healthpublications.gov.uk), search for HPV at [weblink 4](#).

It has been posted on the NHS Youtube and Facebook pages at [weblink 5](#).

HPV programme printed and digital resources

We are still sending the HPV leaflets, posters and record cards out but know that there still are teams who need to order these new resources. Please place your orders now. See [weblink 6](#) for more details of what is available. We know that schools around the country have begun to deliver the programme and we are very encouraged by how well this is rolling out. More resources to support the programme are coming soon and we will do a round up in each regular edition of Vaccine update.

Who are e-Bug?

e-Bug, operated by Public Health England, is an evidence-based health education resources to teach children, young people and communities about the spread, prevention, and treatment of infection. It covers topics on microbes, hygiene, infection prevention, vaccinations and antibiotic use. e-Bug is endorsed and recommended by The National Institute for Health and Care Excellence (NICE) to teach about hygiene, infection prevention and antibiotics.

Talking vaccines

Vaccines are a hot topic for young people, especially between the ages of 12-19 when young people will be receiving their first new vaccines since being infants. For educators and front-line health professionals this opens possibilities for discussion and teaching. e-Bug facilitates education around vaccinations with a range of resources for all ages covering the history, production, function and role in keeping communities safe.

Pilot study of 'Stop the Spread' showed significant improvement in knowledge about vaccinations



Alongside lesson plans and teaching materials for KS2 ([weblink 7](#)), KS3 ([weblink 8](#)) and KS4 & 5 ([weblink 9](#)), e-Bug also offer a range of resources targeted to young people. For younger children these include an animated series that follows Professor Hallux and his assistant Nurse Nanobot ([weblink 10](#)) through the world of microbiology exploring topics including vaccines, also fast paced games like 'Stop the spread' ([weblink 11](#)) that have been tested ([weblink 12](#)) and found to be an effective educational tool.

From KS3, students can access the up to date vaccination timeline ([weblink 13](#)) and learn when and what they should be receiving with our interactive list. Offered for young people aged 11-18 years there is a debate kits ([weblink 14](#)) on vaccinations, packed with thought provoking questions to stimulate discussion, or educational videos ([weblink 15](#)) that can accompany revision.



e-Bug also deliver Train the Trainer events to give educators the knowledge, confidence and skills to deliver education on hygiene and infection prevention topics.

In 2017/18 we trained 300 teachers, school nurses, community nurses and community leaders.

For further information on e-Bug resources please email e-Bug@phe.gov.uk.

Vaccine supply (centrally supplied)

Centrally supplied vaccines can be used for the purposes defined in chapter 3 of the Green Book at [weblink 17](#), and in the 'Vaccines available on ImmForm' helpsheet.

Vaccine supply for the 2019 to 2020 Flu programme

Flu vaccine availability for 2019 to 2020

PHE supplies flu vaccines for children included in this year's flu programme, via the ImmForm website. The following vaccines will be available to providers of the children's flu programme in 2019 in England as per the following table. Please check the ImmForm website regularly for the latest update.

Vaccine	Manufacturer	Anticipated order opening for Schools providers	Anticipated order opening for GPs
Fluenz Tetra®	AstraZeneca	Week commencing 30 September	Week Commencing 7 October
Quadrivalent Influenza Vaccine (split virion, inactivated) (QIV)	Sanofi Pasteur	Available for ordering	

As indicated in the table on the previous page, ordering of Fluenz Tetra® will open to providers of the school's programme one week before GP practices.

It is the responsibility of GP practices and other providers in England to order sufficient flu vaccine directly from manufacturers for eligible patients aged 18 years and over.

Please refer to guidance from your respective health departments for arrangements in Scotland, Wales and Northern Ireland.

Children's flu vaccine ordering information

As in previous years, order controls will be in place on ImmForm to reduce the amount of Fluenz Tetra ordered across England but not administered to children. Please refer to the 2019 Flu Special edition of vaccine update from [weblink 3](#) or the ImmForm website for details of these controls.

Information for General Practice on editing Fluenz orders

Due to the anticipated large volume of orders for Fluenz Tetra® in the first few weeks of ordering, orders for this product will be assembled as soon as they are placed. **Please do not edit your Fluenz Tetra® order after you have clicked 'confirm order' as any changes will not be reflected in your delivery.** If you need to make an adjustment to your order after it has been placed, please contact the ImmForm helpdesk.

Inactivated flu vaccine ordering

PHE also supplies an inactivated vaccine that is suitable for all children from six months to less than 18 years old. It should be used for eligible children who are contraindicated for Fluenz Tetra (or otherwise unsuitable) **and** are in a clinical risk group. This vaccine is Quadrivalent Influenza Vaccine (split virion, inactivated), and will have an initial order cap of 20 doses per week.

All influenza vaccines for the 2019 to 2020 season

Information on all influenza vaccines that have been marketed in the UK for the 2019/20 season are available at [weblink 21](#).

Please refer to the flu letter at [weblink 19](#) for information on which vaccines are eligible for reimbursement in the 2019 to 2020 season.

Ordering additional Gardasil for the universal HPV immunisation programme

Since 1 September 2019, the human papillomavirus (HPV) vaccine is being offered to boys, in addition to girls, as part of the routine school aged immunisation schedule. Customers can order the additional required volumes of Gardasil through ImmForm alongside vaccine used for the girls' programme.

Update to Bexsero Patient Information Leaflet

Every pack of Bexsero (Meningitis B vaccine; 10 doses) is supplied with a pad of ten Patient Information Leaflets (PILs), as well as there being a single PIL inside each Bexsero pack. From late-September 2019, an updated version of the PIL pad will begin to be distributed with Bexsero orders. When you start to receive PIL pads that do not match the PIL within the pack, please dispose of the single PIL from inside the pack, as it will be out-of-date.

MMR vaccine ordering

There are currently two different vaccines available to order for the MMR programme, MMRvaxPRO® and Priorix®. Orders for Priorix® are capped at 20 packs per order per week for accounts in England and Wales. Controls are also in place for Scottish customers. This is needed to rebalance central supplies.

The alternative MMR vaccine, MMRvaxPRO®, remains available to order without restriction. If you specifically require additional Priorix® stock, for example because you serve communities that do not accept vaccines that contain porcine gelatine then please contact the ImmForm Helpdesk for assistance at helpdesk@immform.org.uk or 0844 376 0040.

Placing deferred orders on ImmForm

Did you know that your ImmForm order can be deferred so that it is not submitted until a specified date? This allows you to place an order in advance if you are on holiday, for example, instead of making a larger-than-normal order when there may be insufficient space in your vaccine fridge.

How to place a deferred order

1. Create an order in exactly the same way as usual (see ImmForm Helpsheet – How to place an order)
2. Before you click ‘Confirm order’, go to the ‘Submission Date’ field under the order details and select a date in the future on which you wish to receive your order.

Order Ref:	To Be Allocated
Order Status:	Draft
Placed By:	Account: 0010 - IMMUNISATION
Delivery Point:	Account: 0010 - IMMUNISATION
Delivery Address:	DEPARTMENT, COLINDALE AVENUE, LONDON, , NW9 5EQ
Requested Delivery Date:	Wednesday, 25 September 2019
Customer Reference:	Delivery Date
Delivery Contact Name:	Wednesday, 18 September 2019
Delivery Contact Email:	Wednesday, 25 September 2019
Delivery Contact Tel:	Wednesday, 02 October 2019
	Wednesday, 09 October 2019
	Wednesday, 16 October 2019
	Wednesday, 23 October 2019
Delivery Instructions:	Wednesday, 30 October 2019

3. Click 'Confirm Order', you will be transported to the Order Confirmation page.
4. Click continue and this will transport you to your order history page.
5. Observe that the created order has a status of 'Open Order – Waiting to be Dispatched' confirming that the deferred order has been correctly created.

The order will not be processed further until the submission date is reached. Like any other order, it can be amended or cancelled at any point before it reaches its order cut-off.

If you change your mind just go into your orders and select the date you would like to order for and click either 'Edit' to amend an existing deferred order or 'Create' to open a new order page.

Delivery Date	Order No	Customer Reference	Created By	
Wednesday, 18 September 2019	00204413		@immform.org.uk	Edit
Wednesday, 25 September 2019				Create
Wednesday, 02 October 2019	00204414		@immform.org.uk	Edit
Wednesday, 09 October 2019				Create
Wednesday, 16 October 2019				Create
Wednesday, 23 October 2019				Create
Wednesday, 30 October 2019				Create
Wednesday, 06 November 2019				Create

The EU Falsified Medicines Directive (FMD) and Delegated Regulation as applicable to PHE supplied vaccines for the national immunisation programme

Full information on FMD as it applies to centrally supplied vaccines for the National Immunisation Programme can be found in the April 2019 edition of Vaccine update at [weblink 18](#).

ImmForm vaccines in FMD-compliant packs (i.e. subject to the requirements of the Delegated Regulation) are being distributed for some product lines. We would encourage all of our customers to visit the GOV.UK page on FMD ([weblink 20](#)) and spend some time becoming familiar with the content and links to various other guidance documents on the implementation of the legislation.

Further product lines in FMD-compliant packs will start to be issued through the remainder of 2019. The exact start dates will be different for different product lines (the month is indicated in the table below for each product). We will continue to update this information as forecasts become more accurate so please check for updates via the ImmForm news pages regularly at [weblink 16](#).

Please note that both vaccines supplied by PHE for the 2019 to 2020 children's flu programme will be issued in FMD-compliant packs and will be subject to the requirements of the Delegated Regulation.

PHE are already issuing many of the products listed below in FMD-barcoded packs that were manufactured before the legislation came into force. These packs are not required to be verified and decommissioned, but this can be done optionally.

Product	Brand name	Month FMD-compliant packs will be issued which require verification and decommissioning
Pneumococcal conjugate vaccine (PCV)	Prevenar13	Live
DTaP/IPV vaccine for pregnant women	Boostrix-IPV	Live
Meningococcal Group ACWY vaccine	Nimenrix	Live
Measles-Mumps-Rubella (MMR) vaccine	MMR VaxPRO	Live
DTaP/IPV/Hib/HepB vaccine	Infanrix Hexa	Live
Tuberculosis vaccine (BCG)	BCG Vaccine AJV	Live
Meningococcal Group B vaccine	Bexsero	Live
Shingles (Herpes zoster) vaccine	Zostavax	September 2019
Hib/MenC vaccine	Menitorix	September 2019
Measles-Mumps-Rubella (MMR) vaccine	Priorix	September 2019
Rotavirus vaccine	Rotarix	October 2019
Human papillomavirus (HPV) vaccine	Gardasil	October 2019
DTaP/IPV vaccine for infants	Repevax	Beyond October 2019, please check back soon
Td/IPV vaccine	Revaxis	Beyond October 2019, please check back soon
Live Attenuated Influenza Vaccine	Fluenz Tetra	When available
Purified protein derivative (Mantoux test)	Quadrivalent Influenza Vaccine (split virion, inactivated)	September 2019
Purified protein derivative (Mantoux test)	Tuberculin PPD-2TU	All stock will be in non-FMD packs (as it is unlicensed in UK)

If you have identified yourself to PHE as being exempt from decommissioning under Article 23 of the Delegated Regulation and this has been agreed, then you will be supplied with decommissioned vaccine. Please see our guidance for more information on the roles and responsibilities in relation to FMD and the Delegated Regulation, regarding vaccines and other medicines centrally supplied by PHE to the NHS and other customers. This document is accessible via GOV.UK at [weblink 20](#).

Vaccine supply (non-centrally supplied)

Vaccine supply for the non routine programme

CHOLERA VACCINE

- **VALNEVA:** Dukoral is available 2 dose 2 x 3ml vial + 5.6g sachet
Vaccine supply contact details: Valneva UK, Tel: 01252 761007

HEPATITIS A VACCINE

Adult

- **GSK:** Havrix Adult PFS singles and packs of 10 are available
- **Sanofi Pasteur:** Avaxim is available
- **MSD:** VAQTA Adult is available

Paediatric

- **GSK:** Havrix Paediatric PFS singles is available
- **GSK:** Havrix Paediatric PFS packs of 10 are currently available
- **MSD:** VAQTA Paediatric is available

HEPATITIS B VACCINE

Adult

- **GSK:** Engerix B PFS singles and packs of 10 are available
- **GSK:** Engerix B vials singles are available
- **GSK:** Engerix B vial packs of 10 are unavailable
- **GSK:** Fendrix is available
- **MSD:** HBVAXPRO 10 µg is unavailable until further notice
- **MSD:** HBVAXPRO 40 µg is unavailable until further notice. Please see MSD statement for further information on supply of HBVAXPRO vaccines at [weblink 16](#)

Paediatric

- **GSK:** Engerix B Paediatric singles are available
- **MSD:** HBVAXPRO 5µg are available

COMBINED HEPATITIS A & B VACCINE

- **GSK:** Twinrix Adult packs of 10 are available
- **GSK:** Twinrix Paediatric is available
- **GSK:** Ambirix is available

COMBINED HEPATITIS A & TYPHOID VACCINE

- **Sanofi Pasteur:** Viatim is available

JAPANESE ENCEPHALITIS VACCINE

- **VALNEVA:** Ixiaro is available

TYPHOID VACCINE

- **Sanofi Pasteur:** Typhim is available
- **PaxVax:** Vivotif is available

RABIES VACCINE

- **GSK:** Limited supply of Rabipur is currently available. Supply issues resulting from manufacturing constraints have now resolved, however, GSK do not expect the situation to fully normalise until late 2019
- **Sanofi Pasteur:** Rabies BP is currently out of stock. An alternative vaccine is available, please contact Sanofi Pasteur directly for more information

PPV (Pneumococcal Polysaccharide Vaccine)

- **MSD:** Pneumococcal Polysaccharide Vaccine vials are currently available
- **MSD:** PNEUMOVAX 23 PFS are currently available. Please see [weblink 16](#) for further information

PPV (Pneumococcal Polysaccharide Conjugate Vaccine)

- **Pfizer:** Prevenar 13 is available

VARICELLA ZOSTER VACCINE

- **GSK:** VARILRIX is currently available
- **MSD:** VARIVAX is currently available
- **MSD:** ZOSTAVAX is currently unavailable. Resupply is expected October 2019

DIPHTHERIA, TETANUS AND POLIOMYELITIS (inactivated) VACCINE

- **Sanofi Pasteur:** Revaxis is available

MMR

- **MSD:** MMRvaxPro is currently unavailable. Resupply expected January 2020
- **GSK:** Supplies of Priorix are available

HUMAN PAPILLOMAVIRUS VACCINE

- **MSD:** GARDASIL is currently unavailable resupply expected Q4 2019
- **MSD:** Gardasil 9 is currently available
- **GSK:** Cervarix is currently available

MENINGITIS ACWY VACCINE

- **GSK:** Limited supply of Menveo is available
- **Pfizer:** Nimenrix is currently available

YELLOW FEVER

- **Sanofi Pasteur:** Stamaril is available

Weblinks

- Weblink 1 <https://www.gov.uk/government/publications/flu-vaccines-for-the-current-season>
- Weblink 2 <https://www.youtube.com/watch?v=CfzXTMg1W7M>
- Weblink 3 <https://www.gov.uk/government/publications/vaccine-update-issue-299-september-2019-flu-special-edition>
- Weblink 4 <https://www.healthpublications.gov.uk/ViewArticle.html?sp=Shpvvaccinationourimmunsationnursetalksyouthroughit>
- Weblink 5 <https://www.youtube.com/watch?v=FISO51GoQBw>
- Weblink 6 <https://www.gov.uk/government/publications/vaccine-update-issue-296-july-2019-hpv-special-edition>
- Weblink 7 https://e-bug.eu/junior_pack.aspx?cc=eng&ss=2&t=Vaccinations
- Weblink 8 https://e-bug.eu/senior_pack.aspx?cc=eng&ss=3&t=Senior%20Vaccinations
- Weblink 9 https://e-bug.eu/young_teacher_pack.aspx?cc=eng&ss=12&t=Young%20teacher%20lesson%20plans
- Weblink 10 <https://e-bug.eu/funkids/index.html>
- Weblink 11 <https://e-bug.eu/contentpage.html?type=games&level=junior&group=1:1&itle=Stop%20the%20Spread>
- Weblink 12 <https://games.jmir.org/2019/1/e10915/>
- Weblink 13 https://e-bug.eu/games_home.aspx?cc=eng&ss=1&t=vaccination%20timeline
- Weblink 14 https://e-bug.eu/young_teacher_pack.aspx?cc=eng&ss=12&t=Young%20teacher%20debate%20kits
- Weblink 15 https://e-bug.eu/young_sub.aspx?cc=eng&ss=11&t=Vaccination%20animations
- Weblink 16 <https://portal.immform.dh.gov.uk/Logon.aspx?returnurl=%2fVaccineSupply%2fVaccineSupply%2fNews.aspx>
- Weblink 17 https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/223753/Green_Book_Chapter_3_v3_0W.pdf
- Weblink 18 <https://www.gov.uk/government/publications/influenza-vaccine-ovalbumin-content>
- Weblink 19 https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/788903/Annual_national_flu_programme_2019_to_2020_.pdf
- Weblink 20 <https://www.gov.uk/guidance/implementing-the-falsified-medicines-directive-safety-features>
- Weblink 21 <https://www.gov.uk/government/publications/vaccine-update-issue-293-april-2019>