



December has been a busy month. Everyone has competing demands and sometimes it can be difficult to fit everything in.

Making time for vaccination is one of the ways we can all help to stay well this winter. We have a world leading programme (see [weblink 1](#)) of routine and selective vaccinations in the UK. Parents have a high level of trust in the programme but this must not lead to complacency.

Vaccinations are only effective if uptake levels remain high enough to protect the vulnerable. We all need to make sure we are up to date. Recent experiences show how unvaccinated or under vaccinated infants and adults remain at high risk of infectious disease such as polio or diphtheria.

If we are all up to date we can have lifelong protection from many infectious diseases.

If people at risk such as pregnant women have their pertussis, flu and COVID-19 vaccinations we could reduce mortality and morbidity in this risk group.

CONTENTS

Stickers are available for the routine vaccination programmes and the childhood flu programme and can be an important part of the positive vaccination experience.

Diphtheria treatment and vaccination

Diphtheria: public health control and management in England

Using paracetamol to prevent and treat fever after MenB vaccination

Please help us to improve ImmForm!

Christmas and New Year Bank Holidays

Vaccines for the 2022 to 2023 children's flu programme supplied by UKHSA

Expiry dates for all batches of Fluenz[®] Tetra issued for the 2022 to 2023 children's flu programme

Vaccines and availability

LAIV ordering information for General Practice

Managing LAIV allocations within Multi-Branch Practices

LAIV ordering information for school-age providers

Inactivated flu vaccine ordering

All influenza vaccines for the 2022 to 2023 season

Changes to the infant Bacillus Calmette-Guérin (BCG) vaccine programme

Gardasil[®]9 has replaced Gardasil[®] for the national HPV programmes since July 2022

Availability of Vaxelis[®] vaccine as an alternative to Infanrix hexa[®]

Supply of vaccines with reduced shelf life

Update to Bexsero Patient Information Leaflet

Vaccines and porcine gelatine leaflet – rebranded and translations now available to download

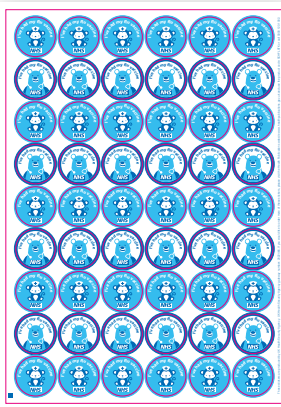
Registering for a new or updating your existing ImmForm vaccine ordering account

The EU Falsified Medicines Directive (FMD) and Delegated Regulation

Making reasonable adjustments in vaccination settings and by supplying the accessible information such as video, audio, simple text or Easy Read versions you can make a real difference to people with anxiety, those who have a learning disability, those who live with severe mental illness, or those who are anxious about needles.

Having our flu and COVID-19 vaccinations (if we are eligible) and being up to date with our routine vaccinations is especially important this winter as we are all mixing more. There can be many reasons why infants, children, teens and adults have missed their routine vaccinations and we need to work together to make sure everyone catches up. Making appointments available more regularly, in the evenings and at weekends can make attendance for families and individuals easier than having to take time off school, work or studies.

Screening and immunisation leads and teams play a powerful role in improving uptake and getting everyone up to date. Thank you to all the vaccinators working tirelessly to improve coverage.



Stickers are available for the routine vaccination programmes and the childhood flu programme and can be an important part of the positive vaccination experience.

Flu stickers are available free to order. These stickers are for healthcare professionals to give to children aged 2 to 11 who have received a flu vaccine either at their GP practice or at primary school. There are 72 stickers per sheet.

See [weblink 2A](#).

Butterflies and bear stickers

Butterflies and bear stickers are available free to order. The bear stickers are for anyone aged 3 to aged 18 years (see [weblink 2B](#)), and the butterfly stickers are for anyone of any age (see [weblink 2C](#)).

Diphtheria treatment and vaccination

Diphtheria vaccination was introduced into the routine childhood immunisation programme in the UK in 1940 and now used worldwide. The vaccine is very effective and thanks to the highly successful vaccination programme, the disease is rare in the UK. In countries where immunisation services have been disrupted, however, the infection is more common

Diphtheria is a serious disease that usually begins with a sore throat and can quickly cause breathing problems. It can damage the heart and nervous system and, in severe cases, it can kill. The same bacteria can also cause nasty ulcers on the skin, particularly the legs. Diphtheria bacteria can live in the mouth, nose, throat or skin of people with the infection. It is spread through close and prolonged contact.

Most people arriving to claim asylum in the UK are currently being offered a dose of a diphtheria containing vaccine and a course of antibiotics (called azithromycin), to reduce the risk of diphtheria and some other infections. This is after a number of cases have been detected in centres for asylum seekers. No cases have been identified in staff working in these centres. You are not at risk from diphtheria if you are fully vaccinated. You can read the patient leaflet at [weblink 3](#).

Diphtheria: public health control and management in England

Guidelines on the control of diphtheria in England including investigation and management of cases and close contacts. See [weblink 4](#).

As a precaution, we are advising all staff working in Asylum Seeker settings to make sure they are up to date with all their immunisations including diphtheria containing vaccinations as per the UK schedule at [weblink 5](#).

If you are unsure if you are up to date, please check with your GP practice.

For more information and to find the diphtheria publications including consent forms, record card, leaflets, posters and translations please see [weblink 6](#).

Using paracetamol to prevent and treat fever after MenB vaccination

This leaflet has recently been translated. Every parent or guardian should be given a copy at the 8 week immunisation appointment.

Paper copies of this leaflet in English are available free to order at [weblink 7](#).

Translated versions of this leaflet are available free to download in the following languages at [weblink 8](#): Albanian, Arabic, Bengali, Bulgarian, Chinese (simplified), Chinese (traditional, Cantonese), Estonian, Farsi, French, Greek, Gujarati, Hindi, Italian, Latvian, Lithuanian, Panjabi, Pashto, Polish, Portuguese, Romanian, Romany, Russian, Somali, Spanish, Tagalog, Tigrinya, Turkish, Twi, Ukrainian, Urdu, Yiddish and Yoruba.

Vaccines and porcine gelatine leaflet – rebranded and translations now available to download

The issue of some vaccines that contain ingredients derived from pigs (in this case gelatine – known as ‘porcine’ gelatine) has concerned some faith groups. This leaflet provides information about vaccines that contain porcine gelatine and any alternatives that are available.

This leaflet is available for download only and is also available in the following languages:

[Arabic](#), [Bengali](#), [Gujarati](#), [Panjabi](#), and [Urdu](#)

Please help us to improve ImmForm!

We are collecting feedback through a short 3-minute survey. This will help ImmForm improve so if you use ImmForm to order products please see [weblink 9](#) to participate.

Vaccine supply

Routine vaccination programme

Christmas and New Year Bank Holidays

Due to the Christmas and New Year Bank Holidays, there will be no deliveries or order processing by Movianto UK on Monday 26, Tuesday 27 December 2022 and Monday 2 January 2023. Please see the table below for revised order and delivery dates.

Please note that there is a separate article for school providers of LAIV which also covers delivery schedules.

For customers with standard delivery day of Monday, please be aware that after Monday 19 December, your next available delivery day will be Monday 9 January.

You are reminded to be prepared for the break in deliveries and to order accordingly. Please make sure you have sufficient room in your fridge for any additional vaccine you wish to stock over this holiday period, bearing in mind the recommendation that only 2 to 4 weeks of vaccine stock be held at any one time.



Attention all customers – Christmas 2022 and new year 2023 deliveries warning notice for routine immunisations

Christmas and New Year Bank Holidays Monday 26 and Tuesday 27 December 2022. Monday 2 January 2023

Delivery date	Order cut-off date (before 11:55 am)	Notes/Holidays
Monday 19 December 2022	Thursday 15 December 2022	Next Monday delivery is 9 January
Tuesday 20 December 2022	Friday 16 December 2022	11:55 AM
Wednesday 21 December 2022	Monday 19 December 2022	11:55 AM
Thursday 22 December 2022	Tuesday 20 December 2022	11:55 AM
Friday 23 December 2022	Wednesday 21 December 2022	11:55 AM
Monday 26 December 2022	Closed – no deliveries or order processing	Boxing Day
Tuesday 27 December 2022	Closed – no deliveries or order processing	Christmas Day (substitute day)
Wednesday 28 December 2022	Thursday 22 December 2022	11:55 AM
Thursday 29 December 2022	Friday 23 December 2022	11:55 AM
Friday 30 December 2022	Wednesday 28 December 2022	11:55 AM

Subscribe to Vaccine update [here](#). Order immunisation publications [here](#).
For centrally-supplied vaccine enquiries, email: vaccinesupply@ukhsa.gov.uk

Christmas and New Year Bank Holidays Monday 26 and Tuesday 27 December 2022. Monday 2 January 2023		
Delivery date	Order cut-off date (before 11:55 am)	Notes/Holidays
Monday 2 January 2023	Closed – no deliveries or order processing	New Year's Day (substitute day)
Tuesday 3 January 2023	Thursday 29 December 2022	Holiday in Scotland ONLY – orders delivered on 4 January
Wednesday 4 January 2023	Friday 30 December 2022	11:55 AM
Thursday 5 January 2023	Tuesday 3 January 2023	11:55 AM
Friday 6 January 2023	Wednesday 4 January 2023	11:55 AM
Monday 9 January 2023	Thursday 5 January 2023	11:55 AM

Exceptions to this timetable for off-shore customers are as follows:

- **Isle of Wight** there will be no scheduled deliveries on Monday 26 December or Monday 2 January. Deliveries on Wednesdays and Fridays as normal. Next Monday delivery is 9 January
- **Jersey and Guernsey** normal 48-hour delivery, no deliveries on Wednesday 28 December or Tuesday 3 January
- **Isle of Man** Usual delivery on Wednesday 28 December will be on Thursday 29 December instead
- **Shetland, Stornoway and Orkney** with schedule delivery day of Tuesday will not receive a delivery on Wednesday 4 January

Please be advised that Emergency or "Out of Schedule" deliveries cannot be arranged for failure to place orders in good time.

Vaccines for the 2022 to 2023 children's flu programme supplied by UKHSA

IMPORTANT INFORMATION FOR ACTION: Updated expiry dates for Fluenz® Tetra batches PH3539 and PH2004.

AstraZeneca UK Limited, in agreement with the Medicines and Healthcare products Regulatory Agency (MHRA), have updated the expiry dates for Fluenz® Tetra batches PH3539 and PH2004 following routine stability testing. Batch specific variations (BSVs) have been granted by the MHRA. These batches are now licensed with the following updated expiry dates:

Batch Number	Printed expiry date	Updated expiry date
PH3539	03 January 2023	28 November 2022
PH2004	27 December 2022	12 December 2022

AstraZeneca assure full effectiveness until the updated expiry date, and the quality, safety and efficacy of Fluenz[®] Tetra is not affected. Except for the updated expiry date, there are no other changes made to the product information.

If you have received either of these batches, please ensure they are fully administered before the updated expiry dates listed above.

Please note that GP practices in England have not been supplied with any vaccines from these batches.

If you have any questions about this issue, please contact AstraZeneca Medical Information (medical.informationUK@astrazeneca.com or call 0800 783 0033).

Expiry dates for all batches of Fluenz[®] Tetra issued for the 2022 to 2023 children's flu programme

Batch numbers and associated expiry dates of all batches of Fluenz[®] Tetra that either have or will be issued this season are set out in the table below. Please ensure that the expiry date is always checked before use and that expired stock is disposed of in line with local policies. Any disposed stock should be recorded through the stock incident page.

Batch number	Expiry date	Batch number	Expiry date
PH3539	28 November*	PL2619	08 February
PH2004	12 December**	PK3269	09 February
PF3032	22 December	PK2466	27 January
PF3033	23 December	PL2706	13 February
PH2003	26 December	PL3844	1 March
PJ2632	30 December	PM2408	13 March
PK2464	20 January	PM2427	14 March
PH3537	31 January		

*printed expiry date for batch PH3539 is 3 January 2023, please do not use after the updated expiry date shown above

**printed expiry date for batch PH2004 is 27 December 2022, please do not use after the updated expiry date shown above

Vaccines and availability

As in previous years, all flu vaccines for the 2022 to 2023 children's flu programme are available to order by NHS programme providers in England via UKHSA's ImmForm website at [weblink 10](#).

Please note that UKHSA does not supply any flu vaccines for patients aged 18 years and over.

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

The latest and most accurate information on availability of centrally supplied vaccines for the children's flu programme is available on the ImmForm news page ([weblink 11](#)) at all times. It is strongly advised that all parties involved in the provision of influenza vaccines to children ensure they remain up to date with this.

The table below shows the 3 vaccines available in England, and the groups these vaccines should be ordered for:

Vaccine	Manufacturer	Available to order for
Fluenz® Tetra (LAIV)	AstraZeneca	All children aged 2 to 3 years, those in eligible school age cohorts (weblink 12), and children in clinical risk groups aged 2 to <18 years*
Cell Based Quadrivalent Influenza Vaccine (Surface Antigen, Inactivated) (QIVc)	Seqirus	Eligible** children for whom LAIV is unsuitable
Quadrivalent Influenza Vaccine (split virion, inactivated) (QIVe)	Sanofi Pasteur	Children in clinical risk groups aged 6 months to less than 2 years

*unless clinically contraindicated or otherwise unsuitable

**children in clinical risk groups aged 2 to <18 years, healthy children aged 2 to 3 years, and those in eligible school age cohorts

LAIV ordering information for General Practice

As in previous years, ordering controls are in place for general practices, to enable UKHSA to balance incoming supply with demand. These controls work by allocating an amount of LAIV based on the number of registered eligible patients and are tailored to each practice.

Please note the following if you are ordering for general practice:

- at the time of publication, each GP practice has been allocated sufficient LAIV to vaccinate up to 55% of their eligible patients (all 2 and 3 year olds, plus children in clinical risk groups from age 4 to <18 years)
- amendments to these allocations may be made, in response to vaccine availability and demand
- requests for extra vaccine will be considered on a case-by-case basis throughout the ordering period. Requests should be sent to the helpdesk (helpdesk@immform.org.uk) and in good time before your order cut-off. Out of schedule deliveries will be by exception only

Managing LAIV allocations within Multi-Branch Practices

Please note that GP practices or groups that operate over multiple sites but are part of the same organisation will have a joint allocation for LAIV, even where each site has a unique ImmForm account. This means that it is possible for one site to potentially order all of the available vaccine for the group, unless there is local agreement on how the allocated volume is shared. UKHSA recommend that this agreement is in place before ordering opens. The allocation information above should allow practices to estimate the amount of LAIV they will initially have access to, and how it should be split between all sites (remember that LAIV allocations are per season, and not per week).

LAIV ordering information for school-age providers

School teams are able to place 2 orders and receive 2 deliveries of LAIV per week, to assist in the management of vaccine volumes required across limited storage space at delivery points.

This will operate on a 48-hour delivery schedule requiring the order to be placed before the 11.55am cut off 2 working days before the required delivery day. The table below illustrates the respective delivery days versus ordering day.

Please remember to take into consideration the Bank Holidays over Christmas and the New Year as this will affect your delivery day.

Order day (before 11.55am cut off)	Delivery day
Monday	Wednesday
Tuesday	Thursday
Wednesday	Friday
Thursday	Monday
Friday	Tuesday

Customers must ensure that the point of delivery will be open and manned on the delivery day when placing orders.

Please note that this does not affect the ordering and delivery schedule of any other vaccines (including inactivated flu vaccines) ordered from ImmForm and is applicable to Fluenz[®] Tetra (LAIV) only.

A default weekly ordering cap of 400 packs (4,000 doses) per week is in place for school provider accounts. This can be split as required across 2 orders or placed as one order if preferred.

Where this cap is insufficient and a provider needs a larger weekly volume of vaccine to deliver the programme (for example where a provider covers a large area using a single account), a higher weekly cap should be requested via the UKHSA Flu Vaccine Operations team by emailing childfluvaccine@ukhsa.gov.uk. Please ensure that this request is made at least 48 hours before an order larger than 400 packs needs to be placed, to allow time for your account to be set up correctly.

For one-off larger orders during the ordering period, requests should be made via helpdesk@immform.org.uk.

Inactivated flu vaccine ordering

2 inactivated flu vaccines are also available for children for the 2022 to 2023 season:

- quadrivalent Influenza Vaccine (split virion, inactivated) (QIVe) which should only be ordered for children in clinical risk groups aged from six months to less than 2 years old, with an initial order cap of 3 doses per week (supplied in a single dose pack)
- cell Based Quadrivalent Influenza Vaccine (Surface Antigen, Inactivated) (QIVc), which is available to order for:
 - children aged 2 to <18 years old in clinical risk groups for whom LAIV is clinically contraindicated or otherwise unsuitable; and
 - healthy children from 2 years of age to those in school year 9, for whom LAIV is unsuitable (for example, due to objection to LAIV on the grounds of its porcine gelatine content). This vaccine is available in a single dose pack to:
 - GPs, with an initial order cap of 10 doses per week
 - school-age providers, with an order cap of 400 doses per week

For one-off larger orders of inactivated vaccines, requests should be made via helpdesk@immform.org.uk in good time before your order cut-off.

Order and delivery days for inactivated vaccines for school providers will be made as per the routine ordering and delivery days set for other childhood vaccines, and not per the 48-hour delivery schedule available for LAIV.

All influenza vaccines for the 2022 to 2023 season

Information on all influenza vaccines that have been marketed in the UK for the 2022 to 2023 season are available at [weblink 13](#).

Changes to the infant Bacillus Calmette-Guérin (BCG) vaccine programme

BCG vaccination of eligible babies has moved from vaccination soon after birth, to by the time the child reaches 28 days of age, or earlier than 28 days provided that a SCID result is available. This change applies to babies that were born on or after 1 September 2021 [BCG immunisation programme: changes from September 2021 letter – GOV.UK (www.gov.uk) [weblink 14](#)].

BCG vaccine will continue to be available to order via ImmForm. However, please consider the schedule change when placing orders for BCG vaccine, and do not order more than 2 weeks' worth of stock to minimise wastage due to fridge failures.

Each pack of BCG vaccine (from AJ Vaccines) is sufficient for 200 infant (or 100 adult) doses and contains 10 glass vials of powder for reconstitution. Each pack is accompanied by a pack of 10 vials of diluent. One vial of reconstituted vaccine contains 1 ml, corresponding to 20 doses (of 0.05 ml) for infants under 12 months of age, or 10 doses (0.1 ml) for adults and children aged 12 months or over.

While vaccination of eligible children is the priority, please ensure you have effective cold chain and administrative protocols that minimise vaccine wastage and reflect national protocols. The offer of vaccine should not be delayed in order to prevent wastage, but aim to plan ahead to minimise wastage where this is possible.

Gardasil®9 has replaced Gardasil® for the national HPV programmes since July 2022

Since mid July 2022, Gardasil®9 has been the HPV vaccine supplied for both the national HPV adolescent programme and the men who have sex with men (MSM) programme. To minimise wastage, please use all of your locally held stocks of Gardasil® to vaccinate eligible individuals, before switching to Gardasil®9.

As the programmes transition to Gardasil®9, some individuals will receive a mixed schedule. The 2 vaccines are interchangeable and vaccination should not be delayed due to preference for either vaccine.

Please see the Green Book Chapter 18a at [weblink 15](#).



Availability of Vaxelis® vaccine as an alternative to Infanrix hexa®

Since 31 January 2022, as part of the current vaccination programme, Vaxelis® has been available to order via ImmForm. Vaxelis® is an alternative hexavalent vaccine to Infanrix hexa® (DTaP/IPV/Hib/HepB) for routine infant primary immunisations scheduled at 8, 12 and 16 weeks of age. Vaxelis protects against the same 6 diseases as Infanrix hexa® and has been licensed in Europe for more than 5 years.

Infanrix hexa® will also continue to be available via ImmForm.

Vaxelis® and Infanrix hexa® vaccines are interchangeable, but where possible and if local stock allows, it is preferable that the same DTaP/IPV/Hib/HepB-containing vaccine be used for all 3 doses of the primary course. However, vaccination should never be delayed because the vaccine used for previous doses is not known or unavailable.

The hexavalent vaccine DTaP/IPV/Hib/HepB PGD national template (version 03.00, valid from 1 September 2021) includes use of both Infanrix hexa® and Vaxelis®.

Ordering controls for Vaxelis® will be in place to balance incoming supply with demand. Customers in England and Wales may order up to 10 packs of Vaxelis® per ImmForm account per week – this will vary for customers in the polio booster programme in London and those taking part in the Oxford Vaccine Group trial. Orders for Infanrix hexa® remain unrestricted. Customers in Scotland should refer to their local ordering restrictions. Providers should not order more than 2 weeks' worth of stock to minimise wastage due to fridge failures.

Further information, including the contact details for Sanofi Pasteur, can be found in the Vaxelis® Summary of Product Characteristics at – Vaxelis suspension for injection in pre-filled syringe – Summary of Product Characteristics (SmPC) – (emc) ([medicines.org.uk](https://www.medicines.org.uk)).



Supply of vaccines with reduced shelf life

Vaccines supplied via ImmForm for the routine immunisation programme will usually have at least 3 months of shelf-life remaining at the time of delivery. Vaccines with reduced shelf life will occasionally be supplied. ImmForm customers will be informed of vaccines which have short shelf life via ImmForm news articles, updates on the particular ImmForm product page, or a click-thru pop-up message at the time of ordering.

ImmForm customers should order no more than 2 weeks' worth of stock to minimise wastage due to fridge failures or failure to use stock before expiry. See Chapter 3 of the 'Green Book' (Immunisation against infectious disease) for further details on the storage and supply of vaccines.

Update to Bexsero Patient Information Leaflet

Every pack of Bexsero (Meningitis B vaccine; 10 doses) is supplied with a pad of 10 Patient Information Leaflets (PILs), as well as there being a single PIL inside each Bexsero pack. Since September 2020, an updated version of the PIL pad has been distributed with Bexsero orders. Please dispose of the single PIL from inside the pack and issue the updated PIL.

Registering for a new or updating your existing ImmForm vaccine ordering account

When you register for or update an existing ImmForm account, UK Health Security Agency as a wholesaler of vaccines need to verify the requesting customer.

Please ensure you have your professional regulatory body registration number or Wholesaler Dealer Licence and an organisation code which can be verified when requesting updates or requesting a new vaccine ordering account.

For more information please see the ImmForm Helpsheet – How to register [weblink 14](#).

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

The EU Falsified Medicines Directive ([weblink 16](#)) 2011/62/EU (FMD) and Delegated Regulation ((EU) 2016/161) ([weblink 17](#)) impose legal obligations on the EU medicines supply chain to prevent entry of falsified medicinal products into the supply chain. The Delegated Regulation was implemented in all EU Member States on 9 February 2019. Following the UK's departure from the EU, the Delegated Regulation ceased to apply in Great Britain from 31 December 2020, but continues to apply in Northern Ireland.

Information for customers in Northern Ireland

FMD-barcode packs of routine immunisation programme vaccines that are centrally supplied by UKHSA continue to be supplied with active FMD serialisation, and should be decommissioned by end users in Northern Ireland. Customers in Northern Ireland who access centrally supplied vaccines are encouraged to review local guidance on implementation of the EU Falsified Medicines Directive.

Vaccine supply

Non-routine vaccination programme

HEPATITIS A VACCINE

Adult

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

Paediatric

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

HEPATITIS B VACCINE

Adult

- **GSK:** Engerix B PFS singles and packs of 10 are currently available
- **GSK:** Supply of Fendrix is available
- **MSD:** HBVAXPRO 10 µg is available
- **MSD:** HBVAXPRO 40 µg is available

Paediatric

- **GSK:** supplies of Engerix B Paediatric singles is currently available
- **MSD:** HBVAXPRO 5µg is available

COMBINED HEPATITIS A & B VACCINE

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

COMBINED HEPATITIS A & TYPHOID VACCINE

- **Sanofi Pasteur:** Viatim is now a discontinued product and no longer available for sale

TYPHOID VACCINE

- **Sanofi Pasteur:** Typhim singles and packs of 10 are available with restrictions
- **Emergent:** Vivotif is available

RABIES VACCINE

- **Valneva:** Rabipur is currently available
- **Sanofi Pasteur:** Rabies BP is now a discontinued product and no longer available for sale

PNEUMOCOCCAL POLYSACCHARIDE VACCINE (PPV)

- **MSD:** supply of Pneumovax 23 (PPV23) PFS is available

PNEUMOCOCCAL POLYSACCHARIDE CONJUGATE VACCINE (PCV)

- **Pfizer:** Prevenar 13 is currently available

VARICELLA ZOSTER VACCINE

- **GSK:** Supply of VARILRIX is currently not available
- **MSD:** VARIVAX is available
- **MSD:** ZOSTAVAX is available

DIPHTHERIA, TETANUS AND POLIOMYELITIS (INACTIVATED) VACCINE

- **Sanofi Pasteur:** Revaxis is available

DIPHTHERIA, TETANUS, PERTUSSIS (ACELLULAR) AND POLIOMYELITIS (INACTIVATED) VACCINE

- **GSK:** supply of Boostrix-IPV is currently available
- **Sanofi Pasteur:** Repevax is available to order with restrictions of 100 doses per customer per month until February 2023

MMR

- **MSD:** MMR Vaxpro is currently available
- **GSK:** Priorix is currently available

MENINGITIS ACWY VACCINE

- **GSK:** Menveo is currently available
- **Pfizer:** Nimenrix is currently available
- **Sanofi Pasteur:** MenQuadfi is available

YELLOW FEVER

- **Sanofi Pasteur:** Stamaril is available

HUMAN PAPILLOMAVIRUS VACCINE

- **MSD:** GARDASIL has been discontinued (please refer to ImmForm for NIP supply status)
- **MSD:** Gardasil 9 is currently available
- **GSK:** Cervarix has been discontinued

CHOLERA VACCINE

- **Valneva:** Dukoral is currently unavailable. Resupply is expected in February 2023

JAPANESE ENCEPHALYTIS VACCINE

- **Valneva:** Ixiaro is unavailable. Next resupply expected later in December 2022

Weblinks

Weblink 1	https://www.healthpublications.gov.uk/ViewArticle.html?sp=Schildhoodvaccinesparentalattitudessurvey2019
Weblink 2A	https://www.healthpublications.gov.uk/ViewArticle.html?sp=Sflustickersforchildrenaged2to11years
Weblink 2B	https://www.healthpublications.gov.uk/ViewArticle.html?sp=Simmunisationstickers5yearstoadultbeardesign
Weblink 2C	https://www.healthpublications.gov.uk/ViewArticle.html?sp=Simmunisationstickers5yearstoadultbutterflydesign
Weblink 3	www.gov.uk/government/publications/diphtheria-vaccination-resources
Weblink 4	www.gov.uk/government/publications/diphtheria-public-health-control-and-management-in-england-and-wales
Weblink 5	www.gov.uk/government/publications/the-complete-routine-immunisation-schedule
Weblink 6	www.gov.uk/government/publications/diphtheria-vaccination-resources
Weblink 7	www.healthpublications.gov.uk/ViewArticle.html?sp=Susingparacetamolleaflet-475
Weblink 8	www.healthpublications.gov.uk/ArticleSearch.html?sp=Sreset&viewMode=default&showSubArticles=false&keyword=Using+paracetamol+for+meningitis+B+vaccination+leaflet+
Weblink 9	https://forms.office.com/r/y_mv3rqvGnB
Weblink 10	https://portal.immform.phe.gov.uk/
Weblink 11	https://portal.immform.phe.gov.uk/VaccineSupply/VaccineSupply/Home/Vaccine-Supply-Home.aspx
Weblink 12	www.gov.uk/government/publications/national-flu-immunisation-programme-plan/statement-of-amendments-to-annual-flu-letter-21-july-2022
Weblink 13	www.gov.uk/government/publications/influenza-vaccines-marketed-in-the-uk
Weblink 14	www.gov.uk/government/publications/bcg-immunisation-programme-changes-from-september-2021-letter
Weblink 15	www.gov.uk/government/publications/human-papillomavirus-hpv-the-green-book-chapter-18a
Weblink 16	https://health.ec.europa.eu/system/files/2016-11/dir_2011_62_en_0.pdf
Weblink 17	https://health.ec.europa.eu/system/files/2016-11/reg_2016_161_en_0.pdf