



COVID-19 spring 2023 booster

On 8 November 2022, JCVI formulated interim advice on COVID-19 vaccination for 2023 ([weblink 1](#)), published on 25 January 2023.

The current advice, developed following meetings on 24 January 2023 and 14 February 2023, sets out further detail regarding the spring 2023 booster programme.

The primary aim of the COVID-19 vaccination programme continues to be the prevention of severe disease (hospitalisation and mortality) arising from COVID-19. Older persons, residents in care homes for older adults, and those who are immunosuppressed continue to be at highest risk of severe COVID-19.

As a precautionary measure, JCVI advises that an extra booster vaccine dose in spring 2023 should be offered to:

- adults aged 75 years and over
- residents in a care home for older adults
- individuals aged 5 years and over who are immunosuppressed, as defined in tables 3 or 4 in the COVID-19 chapter of the Green Book ([weblink 2](#))

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The spring booster dose should be offered around 6 months after the last vaccine dose, although operational flexibility around the timing of the spring dose in relation to the last vaccine dose is considered appropriate. More information on operational flexibility will be provided in the 'Green Book: immunisation against infectious disease'.

There is an updated suite of resources to facilitate the delivery of the 2023 Spring booster campaign available to order.

Copies of printed publications and the full range of digital resources to support the immunisation programmes can now be ordered and downloaded online. Log in to register and place your order at [weblink 3](#). Telephone: 0300 123 1002

Patient facing:



What to expect

Product code:
COV23WTEN
[Weblink 4](#)



Spring booster

Product code:
C23SP2EN
[Weblink 5](#)



Record card

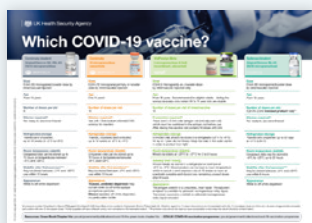
Product code:
COV2020350
[Weblink 6](#)



Sticker

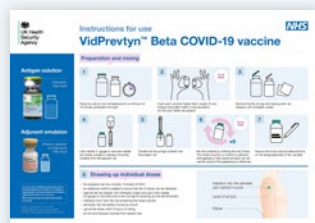
Product code:
COV2021311
[Weblink 7](#)

For vaccinators:



"Which Vaccine?" poster Spring 2023

Product code:
C22WCV6
[Weblink 8](#)



Sanofi/GSK VidPrevtyn Beta mixing instructions

Product code:
C23SVM1
[Weblink 9](#)

Individual vaccine product information posters are available to download [here](#).

For further details see:



A guide to human and animal products in vaccines

[Weblink 10](#)



Green Book: chapter 14a

[Weblink 11](#)

Yes! We can end TB

World TB Day 2023 Friday March 24th

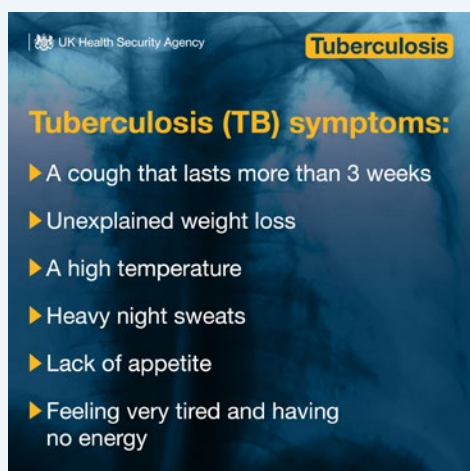


World TB Day

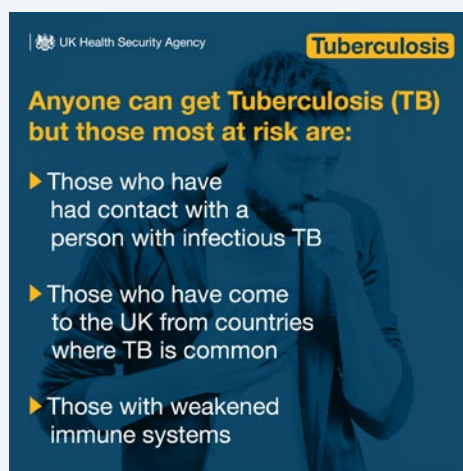
The BCG vaccine is used to prevent tuberculosis (TB). The BCG vaccine is named after Dr Albert Calmette and Dr Camille Guérin, who developed the vaccine from a bacteria called *Mycobacterium Bovis*, which is similar to TB.

The BCG vaccine is made from a weakened strain of the TB bacteria. Because the bacteria in the vaccine is weakened it is not harmful to individuals with healthy immune systems.

The vaccine helps to trigger the immune system protecting against TB. It provides babies and young children consistent protection, showing 70 - 80% efficacy against the most severe forms of TB, such as TB meningitis and disseminated disease in babies and young children.



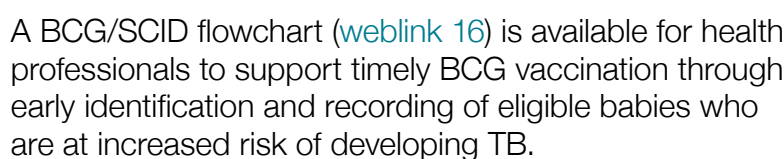
▶ What is tuberculosis (TB)?
Weblink 12



▶ Facts about tuberculosis (TB)
Weblink 13

Eligible babies include all newborns whose parent/s or grandparent/s was born in a country where the annual incidence of TB is 40 per 100,000 or greater; or newborn babies living in areas of the UK where the annual incidence of TB is 40 per 100,000 or greater.

The vaccine should be given to eligible babies by 28-days ([weblink 14](#)). There may an earlier opportunity providing an appropriate Severe Combined Immunodeficiency (SCID) ([weblink 15](#)) screening outcome is available. Only one dose of the BCG Vaccine is required.



These indicators, (i) the offer of BCG to eligible babies and (ii) uptake of the BCG vaccination by 28-days will be monitored and annually reported on.

- previously unvaccinated children aged 1 to 5 years with a parent or grandparent who was born in a country where the annual incidence of TB is 40 per 100,000 or greater. These children should be identified at suitable opportunities and can normally be vaccinated without tuberculin testing
- previously unvaccinated, tuberculin-negative children aged from 6 to under 16 years of age with a parent or grandparent who was born in a country where the annual incidence of TB is 40 per 100,000 or greater. These children should be identified at suitable opportunities, tuberculin tested and vaccinated if negative (please see Green Book section on tuberculin testing prior to BCG vaccination ([weblink 18](#)))
- previously unvaccinated tuberculin-negative individuals under 16 years of age who are contacts of cases of respiratory TB (following NICE recommended contact management advice) ([weblink 19](#))
- previously unvaccinated, tuberculin-negative individuals under 16 years of age who were born in or who have lived for a prolonged period (at least 3 months) in a country with an annual TB incidence of 40 per 100,000 or greater
- previously unvaccinated, tuberculin-negative individuals under 16 years of age who are going to live or work with local people for more than 3 months in a country where the annual incidence of TB is 40 per 100,000 or greater
- individuals at occupational risk

TB: training advice and guidance

Further details on BCG vaccination can found in the Green Book – Chapter 32: [Weblink 18](#)

For country information on TB prevalence visit: [Weblink 20](#)

NHS National BCG service schedules 2, 4 and 6: [Weblink 21](#)

TB and BCG training slide sets are available to download:

- introduction to TB: [Weblink 22](#)
- administering BCG vaccination: [Weblink 23](#)

Essential immunisation training standards for healthcare practitioners: [Weblink 24](#)

Patient information leaflet for BCG AJV vaccine: [Weblink 25](#)

A PGD template ([weblink 26](#)) is available to support health professionals to administer BCG Vaccine AJV to individuals under 16 years of age who are at increased risk of TB.

The BCG vaccine is available to order through the ImmForm website ([weblink 27](#)). Please remember you have an ImmForm account to enable access. For information on registering for an ImmForm account please take a look at the ImmForm help sheet ([weblink 28](#)).

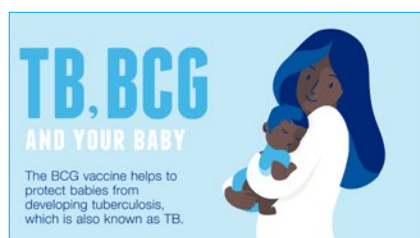
TB and BCG vaccine resources

This leaflet contains the current information on tuberculosis and the BCG vaccine including the benefits and contraindications for BCG immunisation in infants.

Paper copies of this leaflet are available to order for free or download in the following languages:



- English – 2021SCTBEN
- Bengali – 2021SCTBBE
- Farsi – 2021SCTBFA
- Gujarati – 2021SCTBGU
- Hindi – 2021SCTBHI
- Kurdish – 2021SCTBKB
- Nepali – 2021SCTBNE
- Panjabi – 2021SCTBPAN
- Pashto – 2021SCTBPAS
- Romanian – 2021SCTBCRO
- Romany – 2021SCTBCRMY
- Somali – 2021SCTBSO
- Tamil – 2021SCTBTA
- Turkish – 2021SCTBTBTR
- Ukrainian – 2021SCTBUK
- Urdu – 2021SCTBUR



TB, BCG and your baby poster product code: 2900193B

BCG flyer available to download or order as paper copy from the [Health Publications website](#) using product code: C23TBFEN [here](#). Once TB service providers have registered on the health publications website, they can also call 0300 123 1002 to place orders.

In addition, a new animation is available which can be downloaded to share on websites, WhatsApp groups and social media, use product code: C23TBF1 [here](#).

It can also be shared and viewed on the UKHSA YouTube page [here](#).

Fundamentals of Immunisation

Date of Event: **22 and 23 May 2023**

Venue: **UCL Great Ormond Street Institute of Child Health,
30 Guilford Street, London WC1N 1EH**

Course fee: **£200 for 2 days (£100 for one day)**

The UK Health Security Agency and UCL Great Ormond Street Institute of Child Health are running a **Fundamentals of Immunisation** course. This 2-day intense theoretical course is designed for those new to a role in immunisation and is most suited to those who give or advise on a range of different vaccines.

The course comprises of a series of lectures from national immunisation experts and will provide delegates with the latest information on the range of topics included in the 'Core Curriculum for Immunisation Training' ([weblink 24](#)). A basic level of prior immunisation knowledge and familiarity with the Green Book (Immunisation against infectious disease) will be assumed.

The programme includes the following topics:

- why immunisation matters
- the scientific basis of national vaccine policy: designing, informing and monitoring immunisation programmes
- immunology of immunisation
- vaccine manufacture and vaccine trials
- monitoring vaccine safety
- current issues in vaccine preventable diseases
- vaccine coverage data collections
- maximising immunisation uptake
- talking with parents about immunisation
- legal issues including consent
- practical issues: storage and administration

Booking details to follow

If you have any queries, please do not hesitate to contact
Lisa Etamoje l.etamoje@ucl.ac.uk



Save
the
date!

New 'Back to School' resources for nursery, primary and secondary school starters:



STARTNU2
Weblink 29



STARTPR1
Weblink 31



STARTSE1
Weblink 33



STARTNU1
Weblink 30



STARTPR2
Weblink 32



STARTSE2
Weblink 34

Starting nursery or primary school is an exciting time for all children. They will be mixing more with new children and making sure they are up to date with their routine immunisations gives children the best protection from infectious disease.

We have reminder postcards which can be sent to parents whose children are due to start in the summer term. Posters can be put up in the school in traffic areas, on notice boards and doors or in GP practices to remind parents. There can be many reasons why children have missed out on their vaccines during the pandemic.

Reminding parents now and before their children return for the summer term or start in September gives them time to prioritise making appointments at their GP for their child to catch up with their pre-school booster, MMR and make sure they know the signs and symptoms of meningitis and septicaemia. Have stocks of the postcards and posters for nursery or childminder settings, primary schools and secondary schools and Immunisations for children aged 3 years 4 months and Immunisations for young people for parents to read.



All influenza vaccines marketed in the UK for the 2023 to 2024 season

Supplier	Product	Vaccine type	Age indications	Ovalbumin content micrograms/dose	Contact details
AstraZeneca UK Ltd	Fluenz® Tetra	Quadrivalent LAIV (live attenuated influenza vaccine) supplied as nasal spray suspension	From 24 months to less than 18 years of age	Less than 0.024 micrograms per 0.2ml dose	0845 139 0000
Sanofi	Quadrivalent Influenza Vaccine	QIVe (standard egg-grown quadrivalent influenza vaccine), split virion, inactivated	From 6 months	Equal to or less than 0.05 micrograms per 0.5ml dose Need to confirm with company	0800 854 430
Viatriis	Influvac® sub-unit Tetra	QIVe (standard egg-grown quadrivalent influenza vaccine), surface antigen, inactivated	From 6 months	Equal to or less than 0.1 micrograms per 0.5ml dose	0800 358 7468
CSL Seqirus UK	Cell-based Quadrivalent Influenza Vaccine Seqirus ▼	QIVc (cell-based quadrivalent influenza vaccine) surface antigen, inactivated	From 2 years	Egg-free	08457 451 500
Sanofi	Supemtek ▼	QIVr (quadrivalent influenza vaccine (recombinant, prepared in cell culture))	From 18 years	Egg-free	0800 854 430
CSL Seqirus UK	Adjuvanted Quadrivalent Influenza Vaccine Seqirus ▼	aQIV (adjuvanted egg-grown quadrivalent influenza vaccine) surface antigen, inactivated, adjuvanted with MF59C.1	From 65 years	Equal to or less than 1 microgram per 0.5ml dose	08457 451 500

Vaccine supply

Routine vaccination programme

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

All batches of Fluenz® Tetra issued for the 2022 to 2023 children's flu programme have now expired

Any remaining stock should be disposed in line with local policies and recorded through the ImmForm stock incident page ([weblink 27](#)).

Inactivated flu vaccine and availability and ordering

Inactivated flu vaccines for the 2022 to 2023 children's flu programme will remain available to order by NHS programme providers in England via UKHSA's ImmForm website ([weblink 35](#)) until the end of March.

The table below shows the vaccines that remain available to order, and the groups these vaccines should be ordered for:

Vaccine	Manufacturer	Available to order for
Cell Based Quadrivalent Influenza Vaccine (Surface Antigen, Inactivated) (QIVc)	Seqirus	Eligible* children for whom LAIV is contraindicated or otherwise unsuitable
Quadrivalent Influenza Vaccine (split virion, inactivated) (QIVe)	Sanofi Pasteur	Children in clinical risk groups aged 6 months to less than 2 years

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

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

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

Providing a second dose of flu vaccine after all Fluenz® Tetra has expired

If you still need to give a second dose of flu vaccine 4 weeks after the first dose (for example, for children in clinical risk groups aged 2 to under 9 years who have not received influenza vaccine before), then it is safe and effective to give inactivated vaccine as a second dose where Fluenz® Tetra is no longer available.

Attention all customers – Easter and May Bank Holiday deliveries warning notice

Easter Bank Holiday

Due to the Easter Bank Holiday, there will be no deliveries or order processing by Movianto UK on Friday 7 April and Monday 10 April 2023. Please see the table below for revised order cut-off and delivery dates.

For customers with standard delivery days of Friday or Monday, please be aware that:

- after **Friday 31 March**, your next available delivery day will be **Friday 14 April**
- after **Monday 3 April**, your next available delivery day will be **Monday 17 April**

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.

Easter Bank Holiday revisions

Easter Bank Holidays Friday 7 April – Monday 10 April 2023		
Delivery day	Order cut-off date	Order cut-off time
Friday 31 March 2023	Wednesday 29 March 2023	11:55 AM
Weekend		
Monday 3 April 2023	Thursday 30 March 2023	11:55 AM
Tuesday 4 April 2023	Friday 31 March 2023	11:55 AM
Wednesday 5 April 2023	Monday 3 April 2023	11:55 AM
Thursday 6 April 2023	Tuesday 4 April 2023	11:55 AM
Friday 7 April 2023	Closed – no deliveries or order processing	
Weekend		
Monday 10 April 2023	Closed – no deliveries or order processing	
Tuesday 11 April 2023	Wednesday 5 April 2023	11:55 AM
Wednesday 12 April 2023	Thursday 6 April 2023	11:55 AM
Thursday 13 April 2023	Tuesday 11 April 2023	11:55 AM
Friday 14 April 2023	Wednesday 12 April 2023	11:55 AM
Weekend		
Monday 17 April 2023	Thursday 13 April 2023	11:55 AM

Please be advised that Emergency or "Out of Schedule" deliveries cannot be arranged for failure to place orders in good time.
The ImmForm Team, helpdesk@immform.org.uk, 0844 376 0040

May Day, Coronation Day and Late May Bank Holidays

Due to the May Day, Coronation Day and Late May Bank Holidays, there will be no deliveries or order processing by Movianto UK on Monday 1 May, Monday 8 May and Monday 29 May. Please see the table below for revised order cut-off and delivery dates.

For customers with a standard delivery day of Monday, please be aware that:

- after **Monday 24 April**, your next available delivery day will be **Monday 15 May 2023**
- after **Monday 22 May**, your next available delivery day will be **Monday 5 June 2023**

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.

May Bank Holiday revisions

May Day and Coronation Day Bank Holidays – Monday 1 May and Monday 8 May 2023		
Delivery day	Order cut-off date	Order cut-off time
Monday 24 April 2023	Thursday 20 April 2023	11:55 AM
Tuesday 25 April 2023	Friday 21 April 2023	11:55 AM
Wednesday 26 April 2023	Monday 24 April 2023	11:55 AM
Thursday 27 April 2023	Tuesday 25 April 2023	11:55 AM
Friday 28 April 2023	Wednesday 26 April 2023	11:55 AM
Weekend		
Monday 1 May 2023	Closed – no deliveries or order processing	
Tuesday 2 May 2023	Thursday 27 April 2023	11:55 AM
Wednesday 3 May 2023	Friday 28 April 2023	11:55 AM
Thursday 4 May 2023	Tuesday 2 May 2023	11:55 AM
Friday 5 May 2023	Wednesday 3 May 2023	11:55 AM
Weekend		
Monday 8 May 2023	Closed – no deliveries or order processing	
Tuesday 9 May 2023	Thursday 4 May 2023	11:55 AM

DTaP/IPV/Hib/HepB vaccine ordering

Supplies of DTaP/IPV/Hib/HepB vaccines Infanrix hexa® and Vaxelis® are available for the routine infant primary immunisations programme.

Orders for Infanrix hexa® remain unrestricted. Customers in England and Wales may order up to 20 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. 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. For assistance, please contact the ImmForm Helpdesk at helpdesk@immform.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) issued via ImmForm in Great Britain, 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 28](#)).



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 2011/62/EU (FMD) and Delegated Regulation ((EU) 2016/161) (The Delegated Regulation) 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.

MMR vaccine ordering

To rebalance central supplies of both MMR vaccines please consider ordering M-M-RvaxPRO® as your first choice, which is available without restriction.

Customers in England and Wales who require Priorix®, for example because you serve communities that do not accept vaccines containing porcine gelatine, may order up to 6 packs of Priorix® per ImmForm account per week. For assistance please contact the ImmForm Helpdesk at helpdesk@immform.org.uk. Customers in Scotland should refer to their local ordering restrictions.



Non-routine vaccination supply

HEPATITIS A VACCINE

Adult

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

Paediatric

- **GSK:** supply of Havrix Paediatric singles and 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 currently available
- **GSK:** supply of Fendrix is currently limited availability – recovery early-April
- **MSD:** HBVAXPRO 10 µg is available
- **MSD:** HBVAXPRO 40 µg is available

Paediatric

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

COMBINED HEPATITIS A AND B VACCINE

- **GSK:** Twinrix Adult singles and packs of 10 are available
- **GSK:** Twinrix Paediatric is currently not available – expected recovery mid-March
- **GSK:** Ambirix is available

COMBINED HEPATITIS A AND 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
- **Patientric:** Vivotif is available

RABIES VACCINE

- **Valneva:** Rabipur is currently available. Expiry of current stock – 31 March 2023
Further inventory available in April 2023
- **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:** VARILRIX is currently available
- **MSD:** VARIVAX is available
- **MSD:** ZOSTAVAX is to be discontinued in April 2023

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 currently available

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. Further inventory expected Late March 2023
- **Patientric:** Vaxchora is available

JAPANESE ENCEPHALYTIS VACCINE

- **Valneva:** Ixiaro is available

Weblinks

Weblink 1	https://www.gov.uk/government/publications/covid-19-vaccination-programme-for-2023-jcvi-interim-advice-8-november-2022
Weblink 2	https://www.gov.uk/government/publications/covid-19-the-green-book-chapter-14a
Weblink 3	https://www.healthpublications.gov.uk/Home.html
Weblink 4	https://www.healthpublications.gov.uk/ViewArticle.html?sp=Swhattoexpectafteryourcovid19vaccinationspring2023
Weblink 5	https://www.healthpublications.gov.uk/ViewArticle.html?sp=Saguidetothe covid19springbooster2023
Weblink 6	https://www.healthpublications.gov.uk/ViewArticle.html?sp=Scovid19vaccinationrecordcardthirddoseandbooster
Weblink 7	https://www.healthpublications.gov.uk/ViewArticle.html?sp=Sihavehadmy covidvaccinationstickers
Weblink 8	https://www.healthpublications.gov.uk/ViewArticle.html?sp=Swhichspring covid19vaccineposter
Weblink 9	https://www.healthpublications.gov.uk/ViewArticle.html?sp=Ssanofividprevtynmixinginstructionsspring2023
Weblink 10	https://www.gov.uk/government/publications/use-of-human-and-animal-products-in-vaccines
Weblink 11	https://www.gov.uk/government/publications/covid-19-the-green-book-chapter-14a
Weblink 12	https://youtu.be/2tz7UZTgzls
Weblink 13	https://youtu.be/AwZCOa4Y0no
Weblink 14	https://www.gov.uk/government/publications/bcg-vaccine-information-on-the-28-day-immunisation-programme
Weblink 15	https://www.gov.uk/government/publications/bcg-vaccine-information-on-the-28-day-immunisation-programme/changing-the-timing-of-the-neonatal-bcg-immunisation-programme-to-a-28-day-immunisation-programme-effective-from-1-september-2021
Weblink 16	https://www.gov.uk/government/publications/bcg-vaccination-and-scid-screening-patient-pathway
Weblink 17	https://www.gov.uk/government/publications/tuberculosis-tb-action-plan-for-england/tuberculosis-tb-action-plan-for-england-2021-to-2026
Weblink 18	https://www.gov.uk/government/publications/tuberculosis-the-green-book-chapter-32

Weblinks

Weblink 19	https://www.nice.org.uk/guidance/cg117
Weblink 20	https://www.gov.uk/government/publications/tuberculosis-tb-by-country-rates-per-100000-people
Weblink 21	https://future.nhs.uk/ohco/view?objectid=40214416
Weblink 22	https://khub.net/documents/135939561/536277049/UKHSA+Introduction+to+TB.pptx/da262aea-5c1f-0fae-b469-8656622e9258?t=1633442626694
Weblink 23	https://khub.net/documents/135939561/536277049/UKHSA+Administering+BCG+Vaccination.pptx/8d9f0700-bb3e-2a20-73dd-4edaa3ec38a1?t=1633442625649
Weblink 24	https://www.gov.uk/government/publications/national-minimum-standards-and-core-curriculum-for-immunisation-training-for-registered-healthcare-practitioners
Weblink 25	https://www.medicines.org.uk/emc/product/9890/pil
Weblink 26	https://www.gov.uk/government/publications/bcg-patient-group-direction-pgd-template
Weblink 27	https://portal.immform.phe.gov.uk/Logon.aspx?returnurl=%2f
Weblink 28	https://www.gov.uk/government/publications/how-to-register-immform-helpsheet-8
Weblink 29	https://www.healthpublications.gov.uk/ViewArticle.html?sp=Sbacktonurseryposter
Weblink 30	https://www.healthpublications.gov.uk/ViewArticle.html?sp=Sbacktonurserypostcard
Weblink 31	https://www.healthpublications.gov.uk/ViewArticle.html?sp=Sbacktoprimaryschoolposter
Weblink 32	https://www.healthpublications.gov.uk/ViewArticle.html?sp=Sbacktoprimaryschoolpostcard
Weblink 33	https://www.healthpublications.gov.uk/ViewArticle.html?sp=Sbacktosecondaryschoolposter
Weblink 34	https://www.healthpublications.gov.uk/ViewArticle.html?sp=Sbacktosecondaryschoolpostcard
Weblink 35	https://portal.immform.phe.gov.uk
Weblink 36	https://www.gov.uk/government/publications/influenza-vaccines-marketed-in-the-uk