



Vaccine update

50 years of measles vaccination in the UK



2018 marks 50 years since the introduction of the first measles containing vaccine into the UK childhood immunisation programme.

Thanks to this vaccination, it is estimated that 20 million measles cases and 4,500 deaths have been averted since 1968 in the UK.

This highly cost-effective vaccine will have helped millions of people avoid visiting their GP and thousands avoid hospital admissions, as well as freeing up NHS resources.

Please visit [weblink 1](#) to view our new online blog and follow the timeline to see how the programme has evolved over the last 50 years.

Making measles history together: a resource for local government

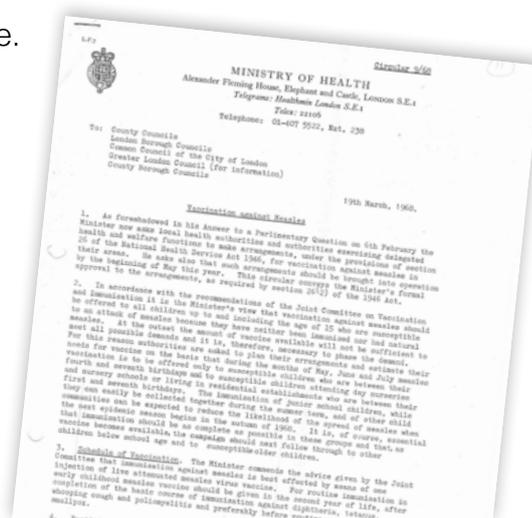
We have also recently published a measles resource for local government highlighting the successes that have been achieved and the gaps that still need attention.

We hope it will be a useful tool to help local authorities contribute to closing the measles immunity gap in their populations and to prepare for outbreaks.

This is a download only resource.

Further resources are available for ordering and to download:

- translated leaflets and posters, see [weblink 2](#)
- all MMR leaflets, see [weblink 3](#)



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Plutopox outbreak simulation – New Scientist Live 2018

A team of over ten staff members in the Immunisation and Countermeasures Division, based in Colindale, designed an outbreak simulation activity for the New Scientist Live science festival, which took place late September at the ExCel London.



To engage the audience, especially young children, the team created a fictional scenario set 100 years into the future when aliens from Pluto had arrived on Earth carrying an infectious microbe causing disease in humans. The disease was named Plutopox. Stickers were used to mark people as infected or vaccinated and those who became infected could spread the infection further across the hall by giving stickers to other visitors.

A live map of the spread of the outbreak was displayed on a screen as well as characteristics of the infected population, which were collected when an infection was reported, such as age-group, gender, number infected by time and favourite colour. The audiences were very enthusiastic and inquisitive – there were even a few children who were keen to be super-spreaders! Staff were able to demonstrate the importance of vaccination, how outbreaks are investigated and share a bit about the varied work carried out by the department to help protect the population from infectious diseases!

Over the course of the 4 days, the team infected almost 900 people with Plutopox and spoke to several people about their work at PHE. The team joined other colleagues from PHE who were at the event and ran interactive activities such as detecting radiation, looking at real cell culture and measuring particles and air components.

Resources

New pull up banners for hospitals

Artwork is now available for you to print locally. Several hospitals have already used it to create their own vinyl coated pull up banners. There are two designs to choose from – see [weblink 11A](#) and [weblink 11B](#).

Flu social media banners

These banners are suitable for social media, websites and display systems.

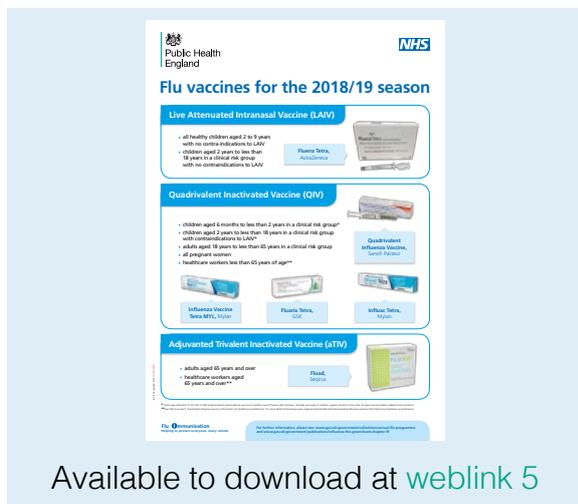
Please download banner 1 from [weblink 4A](#) and banner 2 from [weblink 4B](#).



Available to download!



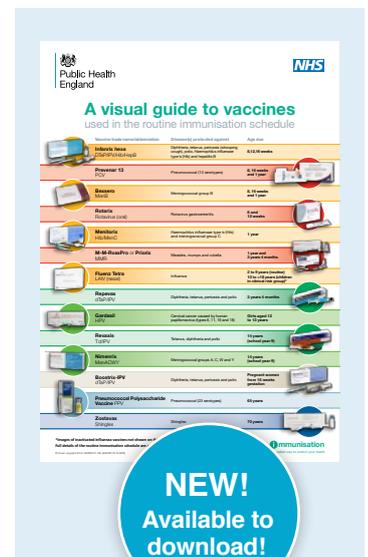
Vaccine packaging poster



Available to download at [weblink 5](#)

A visual guide to vaccines poster

The poster features the current vaccine trade name and abbreviations, the diseases they protect against and the packaging and product presentation. This poster compliments the routine vaccination schedule. Download it at [weblink 6](#)



The flu vaccination – information for those aged 65 years of age or older

It explains why Fludax® is the best vaccine this winter for those aged 65 years or older and why patients may have to wait for their GP practice or pharmacy to have the scheduled stock of the Fludax® vaccine.

You can order hard copies of this flyer from the [DH health and social care orderline](#). You can download it at [weblink 10](#).

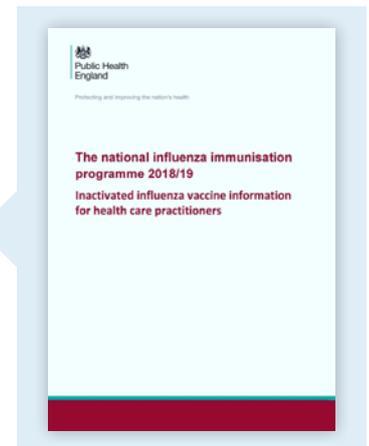


Product code: 29012598B

Inactivated influenza vaccine information for healthcare practitioners

The Inactivated influenza vaccine information for healthcare practitioners document (see [weblink 8](#)) has recently been updated and republished. Revisions have been made to some sections to provide further information and clarification following queries that have arisen since the start of this year's flu vaccination season. A recommended read for everyone with a role in flu immunisation!

Also see [weblink 9](#) for the Vaccine Update Flu Special. This contains lots of useful information and links to resources for this year's flu programme.



Flu vaccine availability and eligibility for the children's programme in 2018 to 2019

The most up to date information on flu vaccine supply for the children's flu programme was published in the September edition of Vaccine Update. This includes information on:

- which vaccines are available for the children's programme
- eligibility criteria for the children's programme
- Fluenz Tetra® ordering information for general practice
- Fluenz Tetra® ordering information for school providers
- full list of influenza vaccines that will be available for the 2018 to 2019 season

Please refer back to this previous edition for full information at [weblink 9](#).

Providers are reminded to check the ImmForm news item regularly for the most up to date information on vaccines for the children's flu programme.

Adrenaline auto-injector supply issues – the EpiPen and EpiPen junior

MHRA and NHS Improvement has published a memo to remind all healthcare professionals providing services where anaphylaxis may be required, that they should be competent to draw up and administer adrenaline from ampoules with a normal syringe and needle. Further information can be found at [weblink 7](#).

Vaccine supply

Centrally supplied

Ordering restriction on BCG vaccine (AJ Vaccines) has been removed

There is now **no restriction** on order quantities for the AJ Vaccines BCG vaccine for the national BCG programme. To note, that at times the shelf life of this product may be relatively short, therefore it is advised not to create locally held stockpiles. BCG vaccine supplied by AJ Vaccines is presented as a powder for reconstitution in a glass vial with synthetic stopper. Each pack ordered contains 10 vials. One vial of reconstituted vaccine contains 1 ml, corresponding to 10 doses (of 0.1 ml) for adults and children aged 12 months and over or 20 doses (of 0.05 ml) for infants under 12 months of age.

Reminder about MMR vaccine ordering restriction

There are currently two different vaccines available to order for the MMR programme, M-M-RvaxPro® and Priorix®. Orders for Priorix® continue to be capped at 6 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, M-M-RvaxPro®, 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. Also see [weblink 9](#) for the Vaccine Update Flu Special. This contains lots of useful information and links to resources for this year's flu programme.

Non-centrally supplied For the non routine programmes

Hepatitis A vaccine

Adult

- **GSK:** Havrix Adult PFS singles and packs of 10 are available
- **Sanofi Pasteur:** Avaxim is currently available for orders without any restrictions
- **MSD:** VAQTA Adult is out of stock. Replenishment is not expected until 2019

Paediatric

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

Hepatitis B vaccine

Adult

- **GSK:** Supplies of Engerix B PFS singles and packs of 10 are available
- **GSK:** Supplies of Engerix B vials singles and packs of 10 are available
- **GSK:** Fendrix is available
- **MSD:** Limited supplies of HBVAXPRO 10µg are available and are expected to last until the end of October 2018. Replenishment is not expected until 2020
- **MSD:** Limited supplies of HBVAXPRO 40µg are available

Paediatric

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

Combined hepatitis A & B vaccine

- **GSK:** Twinrix Adult and Paediatric presentations are available
- **GSK:** Ambirix is available

Combined hepatitis A & typhoid vaccine

- **Sanofi Pasteur:** Viatim is available to order without any restrictions

Typhoid vaccine

- **Sanofi Pasteur:** Typhim is available to order without restrictions
- **PaxVax:** Vivotif is available

Rabies vaccine

- **GSK:** Rabipur is experiencing supply constraints and therefore supply has been prioritised for post exposure prophylaxis. Resupply anticipated in November 2018
- **Sanofi Pasteur:** Rabies BP is currently out of stock. Please call Customer Services for more information

PPV (pneumococcal polysaccharide vaccine)

- **MSD:** limited supply is currently available with next replenishment due in December 2018

Varicella zoster vaccine

- **GSK:** Varilrix is currently available
- **MSD:** VARIVAX is currently available
- **MSD:** ZOSTAVAX stocks are currently available for the private market and for the National Immunisation Programme

Diphtheria, tetanus and poliomyelitis (inactivated) vaccine

- **Sanofi Pasteur:** Revaxis is available to order without restrictions

MMR

- **MSD:** Limited stocks of MMR are currently available for the private market and there are stocks available for the National Immunisation Programme

Meningitis ACWY vaccine

- **GSK:** Menveo is currently unavailable until late 2018
- **Pfizer:** Nimenrix is currently available for private sales. There is no impact on the National Immunisation Programme

Yellow Fever

- **Sanofi Pasteur:** Stamaril is available to order without restrictions

Human papillomavirus vaccine

- **MSD:** Stocks of GARDASIL are available for private market sales and for the National Immunisation Programme
- **MSD:** Limited supplies of Gardasil 9 are available

Weblinks

web link 1	https://publichealthengland.exposure.co/50-years-of-measles-vaccination-in-the-uk
web link 2	https://www.gov.uk/government/publications/measles-outbreak
web link 3	https://www.gov.uk/government/collections/immunisation#measles,-mumps-and-rubella-(mmr)
web link 4A	https://bit.ly/2D1ifAY
web link 4B	https://bit.ly/2Cz5Gfu
web link 5	https://www.gov.uk/government/publications/flu-vaccines-for-the-current-season
web link 6	https://www.gov.uk/government/publications/a-visual-guide-to-vaccines-poster
web link 7	https://www.rpharms.com/news/details/NHS-Improvement-memo--Adrenaline-for-anaphylaxis-kits
web link 8	https://www.gov.uk/government/publications/inactivated-influenza-vaccine-information-for-healthcare-practitioners
web link 9	https://www.gov.uk/government/publications/vaccine-update-issue-284-august-2018-flu-special-edition
web link 10	https://www.gov.uk/government/publications/flu-vaccination-for-people-aged-65-and-older
web link 11A	https://bit.ly/2J8DWzn
web link 11B	https://bit.ly/2R1dCdk