



In the  
spotlight

## Drive-thru immunisation in Derbyshire

# Maintaining vaccine uptake during the pandemic

**In the midst of the COVID-19 pandemic which has seen us all have to adapt to working in new ways to keep ourselves and those around us safe, we would like to express our admiration to all of the immunisations teams across the country who have risen to the challenge of ensuring vaccinations go ahead.**



Immunisation Nurse Laura Woodcock working in Derbyshire



Immunisation Nurse Paula Tomlinson working in Derbyshire

We would like to highlight the work of the School Aged Immunisation Service from Derbyshire Community Health Services NHS FT have had to think outside the box to ensure the children of Derbyshire and Derby City were still able to be vaccinated despite the school closures.

They have been running “drive-thru” clinics throughout the County and City, using partnership working with schools,

local authority and community spaces. The team have had to brave wind, torrential rain and 30°C+ heat. In the wind the gazebos were dismantled, in the rain wellington boots and ponchos became part of our PPE and in the sun some lovely parents provided ice creams!

It has been a very different way of working but it has been done with smiles on our faces (although hidden by masks) and knowing that the children in our cohort are continuing to be protected in an unsettling time. At the beginning of July we had vaccinated over 5000 children with more venues operating throughout the summer.

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## COVID-19 and Vaccine wastage

If COVID-19 arrangements have impacted on your immunisation clinics, you may find that you have more stock in your fridge than you usually do or that you don't need to place vaccine orders as frequently.

### Remember:

- only keep 2 to 4 weeks' worth of vaccine stock in your fridge
- check and record current, min and max fridge temperatures, ideally twice a day. These should be between +2 degrees C and +8 degrees C
- re-set the fridge thermometer after each reading
- check your stock, destroy any expired vaccines and place those with a short expiry date near the front of the fridge to be used first
- any vaccine wastage should be recorded on ImmForm
- always check the expiry date before giving a vaccine
- ensure all clinic staff are aware of the cold chain policy

### Keep your vaccines healthy' poster and fridge magnet

**Public Health England** **NHS**

## Keep your vaccines healthy

**When ordering**

- Order when you have two to four weeks' worth of stock left
- You can make weekly orders, so it's best to order smaller amounts regularly
- Some vaccines come in multidose packs – check you order the correct number of doses
- Check Vaccine Update newsletter for latest information

**When receiving your order**

- Check your delivery is correct and undamaged before you sign for it
- Refrigerate the stock as soon as you have checked it off against the order
- Do not over fill the fridge as this restricts the airflow
- Ensure the shortest-dated stock is placed at the front of the fridge

**When stocking your fridge**

- Check expiry dates regularly – never use out of date vaccine
- Keep vaccines in their original packaging in the main part of the fridge, not in drawers
- Keep your fridge door locked at all times
- Keep the opening of the fridge door to a minimum
- Use a maximum-minimum thermometer and keep a daily record of the temperatures
- Have back-up storage for your vaccines in case of power failure
- Position the fridge away from heat sources and mark or tape the fridge plug to avoid it being turned off accidentally
- See Chapter 3 of the Green Book for more information

**Keep a record of your account details**

Our NHS Movianto account number is \_\_\_\_\_

We need to place orders before 11:55 am on a \_\_\_\_\_ for a delivery on \_\_\_\_\_

**Immunisation**  
The safest way to protect your health

When responding to a vaccine storage incident, please follow the guidance at [www.gov.uk/government/publications/vaccine-incident-guidance-responding-to-vaccine-errors](http://www.gov.uk/government/publications/vaccine-incident-guidance-responding-to-vaccine-errors) in the event of vaccine wastage, please record it on the [Incident Stock Incident](#) page. If you have any vaccination delivery queries, please call [Movianto](tel:01234 248632) directly on 01234 248632.

You can order free posters and fridge magnets at [weblink 1](#) and [weblink 2](#) using the product codes below:

Product code: CCPVM02 Keep your vaccine healthy cold chain fridge magnet

Product code: CCPVP01 Keep your vaccines healthy poster

**PROTECT YOUR VACCINES TO PROTECT YOUR PATIENTS** **NHS**

**DANGER!**  
Above 8°C or below 2°C may damage your vaccines

**Strive for 5°C**

**READ** minimum and maximum temperatures

**RECORD** temperatures for each one on a log sheet

**RESET** the thermometer after each reading

**REACT** if the temperature is in the danger zone

PHE Product code: CCPVM02

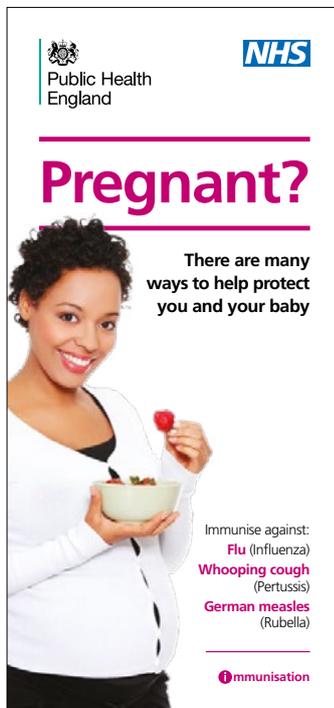
## Healthcare staff flu campaign – I've had my flu jab



This year's "I've had my flu jab" staff flu vaccination campaign is once again being delivered for NHS and social care colleagues by Public Health England. We will be publishing the latest campaign materials later this month, which will be provided to NHS and social care organisations to help them communicate the importance of staff flu vaccination.

Following evaluation and feedback from staff and flu leads on last year's campaign the "I've had my flu jab" campaign is once again using the shield motif to emphasise the protective messaging we know is a powerful motivator for staff vaccination.

## Babies still need their mothers to receive pertussis vaccine in pregnancy



Maternal pertussis vaccination has been shown to be highly effective at preventing disease, hospitalisation and deaths from pertussis in young infants. These findings have been consistently shown from studies in several countries including England, the US, Australia and Spain. Country-specific recommendations on the timing of vaccination during pregnancy vary. Since 2016, the UK programme recommends offering vaccine ideally between 20-32 weeks' gestation, although it can be given from week 16.

Vaccine coverage has been consistently higher since the change to earlier vaccination; reaching just over 70.0% in March 2018 compared to 60.7% in March 2016 and 55.6% in September 2014, although this may also be due to changes in data extraction methods. Importantly, a recently published study found that this change to earlier vaccination in pregnancy has also halved severe pertussis disease in pre-term infants who had not previously benefitted from the maternal programme to the same extent as full-term babies ([weblink 3](#)). This is important

as we know that preterm infants are at higher risk of more severe disease. It is therefore essential that we continue to offer women vaccine in every pregnancy at the recommended time to protect their babies against this respiratory disease that is often severe and can be fatal in young infants.

Note: See further details of Maternal Pertussis programme – Change to dTaP/IPV vaccine below in vaccine supply page 8.

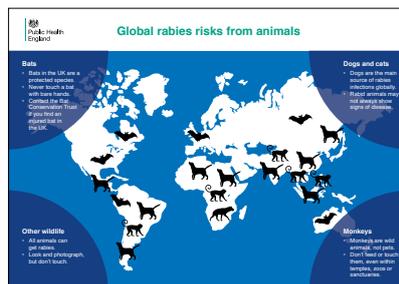
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Weblink 3 [Elise Tessier, MSc, Helen Campbell, PhD, Sonia Ribeiro, Norman K Fry, PhD, Colin Brown, MB ChB, Julia Stowe, PhD, Nick Andrews, PhD, Mary Ramsay, FFPH, Gayatri Amirthalingam, MFPH, Impact of extending the timing of maternal pertussis vaccination on hospitalized infant pertussis in England, 2014 – 2018, *Clinical Infectious Diseases*, , ciaa836, <https://doi.org/10.1093/cid/ciaa836> <https://academic.oup.com/cid/article/doi/10.1093/cid/ciaa836/5860914>]

## Don't forget – #BeRabiesAware



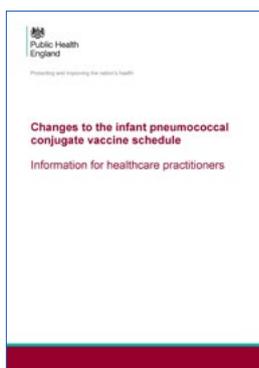
With the country beginning to come out of lock-down would-be travellers are once more planning their trips overseas, including visiting countries where rabies is present in either wild-animals and/or in pets such as cats and dogs. Bats from all countries can potentially carry rabies or closely related viruses. Travellers, wild-life enthusiasts and all those with a love of the outdoors are reminded to avoid contact with any wild animal, and even domestic animals or pets outside the UK.



PHE has provided information leaflets for the public about rabies with specific information for travellers ([weblink 4](#)) and for those in contact with bats ([weblink 5](#)). The leaflets can be downloaded from the website or ordered from the Health Publications orderline at [weblink 6](#).

Health care providers are also reminded about the importance of having rabies vaccine available locally for prompt initiation of post-exposure treatment. Any vaccine used for post-exposure treatment will be replaced at no cost if the RIGS team is contacted within 1 working day to discuss the risk assessment and arrangements for completion of the post -exposure course. More details on post-exposure treatment can be found at [weblink 7](#).

You may also be interested in the 'Global risk of rabies' map which is available for download at [weblink 8](#).



## Are you following the latest immunisation schedule for babies born on or after 1 January 2020?

**The PCV vaccination guidance for health professionals – important update:** An additional sentence has been added to state one year booster dose should be given regardless of number of doses given under one year. So if an infant has been given a dose in error at 8 weeks, in addition to the 12 week dose as per schedule, they still require the one year booster dose. Read more at [weblink 13](#).

## PPV Coverage report

The Pneumococcal Polysaccharide Vaccine (PPV) coverage report, England, April 2019 to March 2020 has been published online at [weblink 9](#). This report describes vaccine coverage for the fifteenth year of the pneumococcal polysaccharide vaccine (PPV) programme in England, in adults aged 65 and over. It compares vaccine uptake estimates in 2019/20 with the previous years of the programme as well as coverage among those eligible for the programme.

This is the second year that this report includes vaccine coverage data for at risk patients aged 2 to 64 years. Overall, PPV coverage was 69.0% in all patients aged 65 and over, a 0.2 percentage point decrease compared with 2018/19. Coverage among those aged 75 and over was 0.1% percentage points lower at 82.4%.

Vaccine coverage among groups at risks ranged from 26.2% among patients with liver disease to 76.5% among those with cochlear implants, suggesting that awareness of eligibility for PPV among clinicians varies substantially according to clinical indication.

GPs should continue to encourage patients in risk groups and those aged 65 and above to receive the pneumococcal vaccine.

Note: All individuals become eligible for this one-off vaccination at 65 years of age unless they have received it previously because they are in a clinical risk group.

## **The complete routine immunisation schedule has been updated as of June 2020**

This schedule has been revised to reflect the updated vaccine recommendations for those with an absent or dysfunctional spleen or complement disorder, as stated in the updated Green Book chapter 7 ([weblink 10](#) and [weblink 11](#)).

## **The routine childhood schedule for infants born on or after 1 January 2020 – revised June 2020**

This is the routine childhood schedule for infants born on or after 1 January 2020. The date has been revised to June 2020 to align with the complete routine immunisation schedule. No other changes have been made. Read more at [weblink 12](#).

# Vaccine supply

## **Routine vaccination programme**

### **Vaccines for the 2020/21 children's flu programme supplied by PHE**

#### **Vaccine availability**

Fluenz® Tetra and an egg-based inactivated vaccine (QIVe) will be available to providers of the children's flu programme in England via PHE's ImmForm website. PHE does not supply any flu vaccines for patients aged 18 years and over.

Preliminary indicative planning dates are shown in the table below however, please note that as always, these preliminary timings are subject to change and that plans for vaccination sessions in both schools and general practices should take account of this. The most up to date information on timing of availability can be found on the news item of the ImmForm website.

Vaccine	Manufacturer	Anticipated order opening for all providers
Fluenz® Tetra	AstraZeneca	By early September
Quadrivalent Influenza Vaccine (split virion, inactivated) (QIVe)	Sanofi Pasteur	By early September

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

### Vaccine ordering information for General Practice

#### Editing Fluenz® Tetra 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 and will not be editable. If you need to make an adjustment to your order after it has been placed, please contact [helpdesk@immform.org.uk](mailto:helpdesk@immform.org.uk).

Ordering controls will be in place for Fluenz® Tetra to enable PHE to balance supply with demand. As in previous years ordering controls for general practices are tailored to each practice and work by allocating an amount of vaccine based on the number of registered eligible patients. Increases to the allocations will be applied as soon a sufficient stock becomes available to do so. Exact timings cannot be defined at this time, however we expect to be able to facilitate the following:

- each GP practice will **initially** be allocated sufficient vaccine to vaccinate at least 50% of their eligible children (all 2 and 3 year olds, plus children in clinical risk groups from age 4 to <18 years) when ordering commences.
  - subsequently, each GP practice will be allocated sufficient vaccine to vaccinate at least 70% of their eligible cohort (as above) by early October.
  - further amendments to these allocations will be made in response to demand and vaccine availability.
  - requests for extra vaccine will be considered on a case by case basis throughout.
- At the time of publication this schedule remains subject to change. Any changes will be communicated via the news item on the ImmForm front page.

Requests for additional vaccine should be sent to the ImmForm helpdesk ([helpdesk@immform.org.uk](mailto:helpdesk@immform.org.uk)/0207 183 8580) and should be sent in good time before your order cut-off. Out of schedule deliveries will be by exception only.

## Multi-Branch Practices and Fluenz<sup>®</sup> Tetra allocations

Please note that GP practices or groups that operate over multiple sites but are part of the same organisation will have a joint allocation (as in previous years), 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 across multi-branch practices.

PHE recommend that this agreement is in place before ordering opens to reduce the risk of supply interruption. The information above allows practices to estimate the amount of vaccine they will be allocated and how it should be split between all sites.

## Vaccine ordering information for school-age providers

A default ordering cap of 300 packs (3000 doses) per week, per ImmForm account will be in place for school providers. 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 PHE Vaccine Operations team by emailing [vaccinesupply@phe.gov.uk](mailto:vaccinesupply@phe.gov.uk).

Requests should be made by **Friday 14 August** to ensure that accounts are set up correctly before vaccine ordering commences. For one-off larger orders, requests should be made via [helpdesk@immform.org.uk](mailto:helpdesk@immform.org.uk) in good time before the order cut-off.

## Inactivated flu vaccine ordering

PHE also supplies an egg-based Quadrivalent Influenza Vaccine (split virion, inactivated) which is suitable for all children from six months to less than 18 years old. This vaccine will have an initial order cap of 20 doses per week.

This vaccine should be ordered for all eligible children aged less than 9 years who are contraindicated for, or too young to receive Fluenz<sup>®</sup> Tetra **AND** are in a clinical risk group.

Full details of the vaccine arrangements for children in clinical risk groups aged 9 years and over who are contraindicated for Fluenz<sup>®</sup> Tetra can be found in the flu letter published Thursday 14 May 2020 ([weblink 19](#)).

## All influenza vaccines for the 2020/21 season

Information on all influenza vaccines that have been marketed in the UK for the 2020/21 season are available [here](#)

## ImmForm web address has changed

As part of planned works to ensure continued availability of the ImmForm website, the web address has changed to <https://portal.immform.phe.gov.uk>.

There is currently an auto-redirect from the old address to the new web address. However, please update your shortcut or favourite links to the new PHE URL before November 2020. For assistance please contact the ImmForm Helpdesk by calling 0207 183 8580 or emailing [helpdesk@immform.org.uk](mailto:helpdesk@immform.org.uk).

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

When you register for or update an existing ImmForm account, Public Health England 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 at [weblink 14](#).

## Maternal Pertussis programme – Change to dTaP/IPV vaccine

The maternal pertussis immunisation programme commenced in October 2012, initially using Repevax<sup>®</sup> vaccine (dTaP/IPV). From July 2014, Boostrix<sup>®</sup>-IPV (dTaP/IPV) has been supplied. Repevax<sup>®</sup> is now available to order through ImmForm for use in the maternal pertussis immunisation programme instead of Boostrix<sup>®</sup>-IPV.

This is a temporary change and it is anticipated that supplies will revert back to Boostrix<sup>®</sup>-IPV in autumn 2020. This change is necessary as PHE is running down all stock of Repevax<sup>®</sup> before the introduction of Boostrix<sup>®</sup>-IPV across both the maternal pertussis and the pre-school booster programmes. There is no other change to the maternal pertussis immunisation programme, further details about this programme can be found in chapter 24 of the Green Book at [weblink 15](#).

## 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. Since late-September 2019, an updated version of the PIL pad has been distributed with Bexsero orders. Please dispose of the single PIL from inside the pack, as it will be out-of-date. We will advise further when the PIL supplied in the pack is in line with the PIL pad.

## MMR vaccine ordering

There are currently two different vaccines available to order for the MMR programme, MMRvaxPRO<sup>®</sup> and Priorix<sup>®</sup>. Orders for Priorix<sup>®</sup> are capped at **10 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<sup>®</sup>, remains available to order without restriction. If you specifically require additional Priorix<sup>®</sup> 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](mailto:helpdesk@immform.org.uk) or 0207 183 8580.

## 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 16](#).

ImmForm vaccines in FMD-compliant packs (i.e. subject to the requirements of the Delegated Regulation) are being distributed for all centrally-supplied products. We would encourage all of our customers to visit the GOV.UK page on FMD at [weblink 17](#) and spend some time becoming familiar with the content and links to various other guidance documents on the implementation of the legislation.

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 18](#).

**Please note that the barcode on Rotarix batch AROLC284AA (exp. 31/05/2021) is non-serialised and therefore cannot be verified or decommissioned; however, it can still be used.**

## 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 available
- **MSD:** VAQTA Adult is available

#### Paediatric

- **GSK:** Havrix Paediatric PFS 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 available
- **GSK:** Engerix B vials singles are available
- **GSK:** Engerix B vials 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

#### Paediatric

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

#### TYPHOID VACCINE

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

#### RABIES VACCINE

- **GSK:** Rabipur is currently available
- **Sanofi Pasteur:** Rabies BP is currently out of stock. An alternative vaccine is available, please contact Sanofi Pasteur directly for more information

#### PNEUMOCOCCAL POLYSACCHARIDE VACCINE (PPV)

- **MSD:** Pneumococcal Polysaccharide Vaccine vials are now unavailable. There has been a switch from the vials to the Pnemovax 23 prefilled syringes (PFS). Limited supplies of the Pneumovax PFS are available. (Please see page 12 of the [Bug Special Vaccine Update issue 300, October 2019](#) for further information)
- **MSD:** Limited supplies of PNEUMOVAX 23 PFS are currently available

#### PNEUMOCOCCAL POLYSACCHARIDE CONJUGATE VACCINE (PCV)

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

#### VARICELLA ZOSTER VACCINE

- **GSK:** VARILRIX is currently available
- **MSD:** VARIVAX is currently 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

## MMR

- **MSD:** MMRvaxPro is currently available
- **GSK:** Priorix is currently available.

## MENINGITIS ACWY VACCINE

- **GSK:** Menveo is available
- **Pfizer:** Nimenrix is currently available

## YELLOW FEVER

- **Sanofi Pasteur:** Stamaril is available

## HUMAN PAPILLOMAVIRUS VACCINE

- **MSD:** Limited supply of GARDASIL is available.  
Supplies for the national immunisation programme are unaffected
- **MSD:** Gardasil 9 is currently available
- **GSK:** Cervarix is currently available

## CHOLERA VACCINE

- **Valneva:** Dukoral is available

## JAPANESE ENCEPHALYTIS VACCINE

- **Valneva:** Ixiaro is available

## Weblinks

- Weblink 1 <https://www.gov.uk/government/publications/keep-your-vaccines-healthy-poster>
- Weblink 2 <https://www.healthpublications.gov.uk/Home.html>
- Weblink 3 <https://academic.oup.com/cid/article/doi/10.1093/cid/ciaa836/5860914>
- Weblink 4 <https://www.gov.uk/government/publications/rabies-risks-for-travellers>
- Weblink 5 <https://www.gov.uk/government/publications/rabies-risks-from-bat-bites>
- Weblink 6 <https://www.healthpublications.gov.uk>
- Weblink 7 <https://www.gov.uk/government/publications/rabies-post-exposure-prophylaxis-management-guidelines>
- Weblink 8 <https://publichealthengland-immunisati.app.box.com/s/eckme18lfdi2xq2grva8zox6a7255ix9>
- Weblink 9 <https://www.gov.uk/government/publications/pneumococcal-polysaccharide-vaccine-ppv-vaccine-coverage-estimates>
- Weblink 10 <https://www.gov.uk/government/publications/immunisation-of-individuals-with-underlying-medical-conditions-the-green-book-chapter-7>
- Weblink 11 <https://www.gov.uk/government/publications/the-complete-routine-immunisation-schedule>
- Weblink 12 <https://www.gov.uk/government/publications/routine-childhood-immunisation-schedule>
- Weblink 13 <https://www.gov.uk/government/publications/pneumococcal-vaccination-guidance-for-health-professionals>
- Weblink 14 <https://portal.immform.phe.gov.uk/Help-Guides.aspx>
- Weblink 15 <https://www.gov.uk/government/publications/pertussis-the-green-book-chapter-24>
- Weblink 16 <https://www.gov.uk/government/publications/vaccine-update-issue-293-april-2019>
- Weblink 17 <https://www.gov.uk/guidance/implementing-the-falsified-medicines-directive-safety-features>
- Weblink 18 <https://www.gov.uk/government/publications/fmd-guidance-for-recipients-of-phe-supplied-vaccines>
- Weblink 19 <https://www.gov.uk/government/publications/national-flu-immunisation-programme-plan>