

# Year R - Introduction to the School Aged Immunisation Service



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# Who we are

- The School Age Immunisation service offers vaccination programmes in Portsmouth, Southampton and Isle of Wight to all children aged 4 (in reception year) to 16 and up to 18 year olds in special educational needs schools.
- The service also offers community clinics for children and young people who are educated at home or in other settings and who are not currently in education or who have missed their school session.
- The community clinics are located across the cities and the Isle of Wight in accessible settings. They are open some evenings and weekends for your convenience.

Our values are:



# Routine Childhood Immunisation Schedule

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| Routine childhood immunisations                       |  |  |                                   | from February 2022      |  |
|---|--|--|-----------------------------------|-------------------------|--|
| When  | Diseases protected against   | Vaccine given and trade name           |                                   | Usual site <sup>1</sup> |  |
| Eight weeks old                                       | Diphtheria, tetanus, pertussis (whooping cough), polio, <i>Haemophilus influenzae</i> type b (Hib) and hepatitis B | DTaP/IPV/Hib/HepB                      | Infanrix hexa or Vaxells          | Thigh                   |  |
|   | Meningococcal group B (MenB)   | MenB                                   | Bexsero                           | Left thigh              |  |
|   | Rotavirus gastroenteritis  | Rotavirus                              | Rotarix <sup>2</sup>              | By mouth                |  |
|   |  |  |                                   |                         |  |
| Twelve weeks old                                      | Diphtheria, tetanus, pertussis, polio, Hib and hepatitis B   | DTaP/IPV/Hib/HepB                      | Infanrix hexa or Vaxells          | Thigh                   |  |
|   | Pneumococcal (13 serotypes)  | PCV                                    | Prevenar 13                       | Thigh                   |  |
|   | Rotavirus  | Rotavirus                              | Rotarix                           | By mouth                |  |
| Sixteen weeks old                                     | Diphtheria, tetanus, pertussis, polio, Hib and hepatitis B   | DTaP/IPV/Hib/HepB                      | Infanrix hexa or Vaxells          | Thigh                   |  |
|   | MenB   | MenB                                   | Bexsero                           | Left thigh              |  |
| One year old (on or after the child's first birthday) | Hib and MenC   | Hib/MenC                               | Menitorix                         | Upper arm/thigh         |  |
|   | Pneumococcal   | PCV booster                            | Prevenar 13                       | Upper arm/thigh         |  |
|   | Measles, mumps and rubella (German measles)  | MMR                                    | MMRVaxPro <sup>3</sup> or Priorix | Upper arm/thigh         |  |
|   | MenB   | MenB booster                           | Bexsero                           | Left thigh              |  |
| Eligible paediatric age group <sup>4</sup>            | Influenza (each year from September)   | Live attenuated influenza vaccine LAIV | Fluenz Tetra <sup>3,5</sup>       | Both nostrils           |  |
| Three years four months old or soon after             | Diphtheria, tetanus, pertussis and polio   | dTaP/IPV                               | Boostrix-IPV                      | Upper arm               |  |
|   | Measles, mumps and rubella   | MMR (check first dose given)           | MMRVaxPro <sup>3</sup> or Priorix | Upper arm               |  |
| Boys and girls aged twelve to thirteen years          | Cancers and genital warts caused by specific human papillomavirus (HPV) types                                      | HPV (two doses 6-24 months apart)      | Gardasil                          | Upper arm               |  |
| Fourteen years old (school Year 9)                    | Tetanus, diphtheria and polio  | Td/IPV (check MMR status)              | Revaxis                           | Upper arm               |  |
|   | Meningococcal groups A, C, W and Y   | MenACWY                                | Nimenrix                          | Upper arm               |  |

- Intramuscular injection into deltoid muscle in upper arm or anterolateral aspect of the thigh.
- Rotavirus vaccine should only be given after checking for SCID screening result.
- Contains porcine gelatine.
- See annual flu letter at: [www.gov.uk/government/collections/annual-flu-programme](http://www.gov.uk/government/collections/annual-flu-programme)
- If LAIV (live attenuated influenza vaccine) is contraindicated or otherwise unsuitable use inactivated flu vaccine (check Green Book Chapter 19 for details).

| Selective childhood immunisation programmes  |   |              |  |
|--|---|--------------|--|
| Target group   | Age and schedule                                      | Disease      | Vaccines required  |
| Babies born to hepatitis B infected mothers  | At birth, four weeks and 12 months old <sup>1,2</sup> | Hepatitis B  | Hepatitis B (Engerix B/HBvaxPRO)   |
| Infants in areas of the country with TB incidence $\geq 40/100,000$                | Around 28 days old <sup>4</sup>                       | Tuberculosis | BCG  |
| Infants with a parent or grandparent born in a high incidence country <sup>3</sup> | Around 28 days old <sup>4</sup>                       | Tuberculosis | BCG  |
| Children in a clinical risk group  | From 6 months to 17 years of age                      | Influenza    | LAIV or inactivated flu vaccine if contraindicated to LAIV or under 2 years of age |
| Pregnant women   | At any stage of pregnancy during flu season           | Influenza    | Inactivated flu vaccine  |
|  | From 16 weeks gestation                               | Pertussis    | dTaP/IPV (Boostrix-IPV)  |

- Take blood for HBsAg at 12 months to exclude infection.
- In addition hexavalent vaccine (Infanrix hexa or Vaxells) is given at 8, 12 and 16 weeks.
- Where the annual incidence of TB is  $\geq 40/100,000$  – see [www.gov.uk/government/publications/tuberculosis-tb-by-country-rates-per-100000-people](http://www.gov.uk/government/publications/tuberculosis-tb-by-country-rates-per-100000-people)
- Check SCID screening outcome before giving BCG.


For vaccine supply information for the childhood programme please visit [www.immform.dh.gov.uk](http://www.immform.dh.gov.uk) and check vaccine update for all other vaccine supply information.

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 **Immunisation** | The safest way to protect children and adults



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# School Aged Immunisation Programme

The Solent SAI team offer vaccinations to children aged 5-18 years in School and Community settings.

| School Year Group | Immunisation   | Time Frame   |
|-------------------|--|--|
| Year R            | Influenza Nasal Spray  | September-December   |
| Year 1            | Influenza Nasal Spray  | September-December   |
| Year 2            | Influenza Nasal Spray  | September-December   |
| Year 3            | Influenza Nasal Spray  | September-December   |
| Year 4            | Influenza Nasal Spray  | September-December   |
| Year 5            | Influenza Nasal Spray  | September-December   |
| Year 6            | Influenza Nasal Spray  | September-December   |
| Year 7            | Nil  | Nil  |
| Year 8            | Human Papillomavirus (HPV) Dose 1                                    | March-May  |
| Year 9            | Diphtheria/Tetanus/Polio and Meningitis ACWY (School Leaver Booster) | January- March   |
| Year 9            | Human Papillomavirus (HPV) Dose 2                                    | April-May  |
| Year 10           | Catch up any outstanding vaccinations                                | January-July (various school and community clinics where available.) |
| Year 11           | Catch up any outstanding vaccinations                                | January-July (various school and community clinics where available.) |

**Measles/Mumps/Rubella (MMR) vaccination is a targeted offer to Year R, Year 6, Year 8 & Year 9**

Our values are:



# Flu Vaccination

- This flu season 2022 / 2023 all primary school children from reception to Year 6 will be eligible for the flu vaccination.
- This administered as a nasal spray for children which has shown to be more effective in children and offers better protection.
- The Nasal spray is a live vaccine which means it contains weakened stains of the virus and adapted to cold
- However, there are exceptions where the nasal vaccine maybe deemed unsuitable and an alternative can be offered.

# Flu

- Flu is an acute viral infection of the respiratory tract, it is highly infectious.
- In UK occurs during 8-10 week period during the winter.

## Signs and Symptoms: -

- Sudden onset of fever, chills, headache myalgia (muscle aches) and extreme fatigue

## Complications can include: -

- Bronchitis, pneumonia, otitis media in children, meningitis, encephalitis

The Flu virus mutates and changes are monitored by World health organisation who make recommendations for the strains to be included in vaccines.

Our values are:



# Measles, Mumps & Rubella (MMR)

Solent School Aged Immunisation Service is commissioned to deliver a targeted catch-up programme to children in Year R, Year 6, Year 8 and Year 9.

- For those in Year 8 and 9 it will be offered at catch up sessions in school along side Teen Booster and HPV and in community clinics
- Measles, mumps and rubella are viral infections that can quickly spread to non-immune children and adults who have not had their vaccinations or been previously infected.



# MMR Vaccine

- The MMR vaccine protects against three infections: measles, mumps and rubella.
- Measles, mumps and rubella are viral infections that can quickly spread to non-immune children and adults who have not had their vaccinations or been previously infected.
- Children should receive two doses the first at 12-13 months of age and the second prior to school entry.
- All children should receive two doses of MMR before leaving school, if two doses are required the second should be given one month after the first.

**MMR can however be given to individuals at any age.**

# Online E-consent

- Consent will be obtained from parents via an online E-consent form
- To provide an easy, accessible method of giving consent for the school aged vaccinations.
- Parents/carers will be emailed a letter containing the link needed to complete the online E consent form.
- A link for vaccine information is also contained in this letter.
- On completion of the online E consent form you will receive an email confirmation from Inhealthcare.
- The online E-Consent can be completed on all electronic devices including smartphones, Tablets and PCs.



# Contact Details and Information

Email – Southampton - [snhs.schoolagedimmunisations-soton@nhs.net](mailto:snhs.schoolagedimmunisations-soton@nhs.net)

Website - [School Aged Immunisation Service | Solent](#)

Telephone number: - 03001235074