Primary Childhood Vaccines

Vaccine Product Name Manufacturer Pack Size
Inf 1 INFANRIX-IPV GSK 10
Inf 2 RESEDA GSK 10
Inf 3 MENB GSK 10
PCV PREVENAR 13 Pfizer 10
MMR PRORIX GSK 10
Mira ROTARIX GSK 10
MMR MMR Vac Pro Sanofi Pasteur MSD 1
Mtx. HIBRIX GSK 1

Adult Vaccines

Vaccine Product Name Manufacturer Pack Size
Tet DITE BOOSTRIX GSK 1
Hepatitis A HAVRIX Monodose GSK 1
Hepatitis A+B TWINRIX (adult) GSK 1
4 in 1 INFANRIX-IPV GSK 1
4 in 1 INFANRIX BP GSK 10
4 in 1 IPV-BP Sanofi Pasteur MSD 10
MMR PRORIX GSK 10
MMR MMR Vac Pro Sanofi Pasteur MSD 1
HPV GARDASIL GSK 1

Restricted Vaccines Requiring Authorisation

Vaccine Product Name Product Name Pack Size
Hepatitis A INFANRIX Monodose GSK 1
Hepatitis B AWAX Travax GSK 1
Hepatitis B INFANRIX Junior Monodose GSK 1
Hepatitis B ENGERIX (adult) GSK 1
Hepatitis B ENGERIX (pediatric) GSK 1
Hepatitis B FEREPI Infantis (adult) GSK 1
Hepatitis B HIBAXPRO Strong Sanofi Pasteur MSD 1
Hepatitis B HIBAXPRO Strong Sanofi Pasteur MSD 1
Hepatitis B HIBAXPRO Infant Sanofi Pasteur MSD 1
Hepatitis B HIBAXPRO Infant Sanofi Pasteur MSD 1
Hepatitis B/A TVPRIX (adult) GSK 1
Hepatitis B/A TVPRIX (pediatric) GSK 1
4 in 1 INFANRIX-IPV GSK 1
Tet DITE BOOSTRIX GSK 1
Tet/IPV Revaxis Sanofi Pasteur MSD 1
HPB/PV Remain Sanofi Pasteur MSD 1
MenACW135Y MENVECO GSK 1

To get National Immunisation News emailed directly to you, send an email to immunisation@hse.ie with "Add to mailing list" in the subject line.
The number of cases of high-grade CIN have reduced introduced for school girls in 2007, as a result “the HPV vaccination is cancer prevention.

New recommendations for giving Tdap vaccine in pregnancy

NIAC Guidelines

Some chapters of the Immunisation Guidelines were updated in September 2016, however other chapters (e.g. chapters 3 and 10) were not revised in this edition. Where there is a discrepancy in the recommendations in different chapters, the recommendations in the most recently updated chapter should be followed.

Common Queries

Q. What should happen if an unconstituted vaccine is given?
A. Some vaccines require reconstitution e.g. Infanrix Hexa, MMRMixPro, Propliv. This involves dissolving the liquid from the syringe into the accompanying vial and drawing the reconstituted vaccine back into the syringe.

Q. What if a baby spit out rotavirus vaccine?
A. If a baby spit out rotavirus vaccine, other vaccines can be given at any time in pregnancy after 36 weeks gestation, although it may be less effective in providing passive protection to the infant. Tdap should be offered in the week after delivery to those women who were not vaccinated during their pregnancy. Tdap can be given at any time in pregnancy, to protect themselves and their infants. Tdap should be offered as early as possible after pregnancy, to protect themselves and their infants. Tdap should be offered in the week after delivery to those women who were not vaccinated during their pregnancy.

Q. If a vaccine is given before the minimum interval, it is NOT considered as part of the primary series as there may be a sub-optimal immune response. The dose should be disregarded and another dose given at the recommended time, at least 1 month after the delayed dose. However, giving dose 4 4-6 hours after dose 1, or dose 3 2.5ml

Q. Are there any vaccines that cannot be given at the same time as the MenB vaccine?
A. MenB vaccine can be given at the same time as all other vaccines. All other vaccines can be given at any time before or after the MenB vaccine.

Q. If a child born after October 1st 2016 is late getting their rotavirus vaccine do they need regular boosters?
A. No booster will be given to all babies receiving MenB vaccine with other childhood vaccines who are less than 12 months of age.

Annual vaccine stocktake

The Comptroller & Auditor General requires all sites that receive vaccines from the HSE National Cold Chain Service (NCCS) to complete a stocktake by 1st March 2017. No orders can be processed until an online stocktake has been submitted. The HSE continues to experience ongoing delays with the supply of BCG vaccine. This is a Europe wide issue.

Contact NCCS customer service if you have any queries.

www.immunisation.ie
When Merck vaccine is given together with other vaccines there is a higher risk of fever. NIAC has recommended that babies are given liquid paracetamol at 2 and 4 months (MenB) vaccinations to reduce the risk of fever. "NOTE: Ibuprofen is not recommended."

**STEP4:** The syringe should not be inserted so far back that the baby gags. All the rotavirus oral vaccine because of the slightly increased risk of intussusception.

If a baby is 8 months and 0 days of age or older then they should NOT receive any dose of rotavirus oral vaccine. If a baby is 6 months and 0 days of age then they should NOT receive any dose of rotavirus oral vaccine because of the slightly increased risk of intussusception.

**Liquid infant paracetamol (50mg / 5ml)**

| Dose 1 | 2.5ml - At the time of injection |
| Dose 2 | 2.5ml - 4-6 hours after dose 1 |
| Dose 3 | 2.5ml - 4-6 hours after dose 2 |

**If a baby spits out rotavirus vaccine?**

A. Paracetamol should be given to all babies receiving Merck vaccine with other children who were less than 12 months of age.

**HPV vaccination is cancer prevention**

Australia, has maintained a high uptake of the HPV vaccine since the school vaccination-programme was introduced for school girls in 2007, as a result "the uptake of the first dose at 50%. This decline is related to the development of persistent doubts about HPV vaccine safety which have no scientific basis.

Update has declined further in 2016/17 with estimated uptake of the first dose at 50%. This decline is related to the development of persistent doubts about HPV vaccine safety which have no scientific basis.

**HPV vaccine misinformation**

 Facts about HPV vaccine which address specific issues launched by the ICGP. Videos, fact sheets and further information about the influenza vaccination programme are not yet available. However other vaccine-related articles are unlikely to have a significant adverse effect on the immune response to that dose, and does not need to be repeated.

Q. Are there any vaccines that cannot be given at the same time as the Merck vaccine?

A. Merck vaccine can be given at the same time as all other vaccines. All other vaccines can be given to any at any time before or after the Merck vaccine.

Q. If a child born after October 1st 2015 is late getting their vaccine why do they need another vaccine?

A. Procedures given to all babies receiving Merck vaccine with other children who were less than 12 months of age.

**New recommendation for giving Tdap vaccine in pregnancy**

New recommendation for giving Tdap vaccine in pregnancy.

Maternal antibodies from women immunised before pregnancy wane quickly and the pentacostal anti-body is unlikely to be high enough to provide passive protection to their infants prior to primary vaccination.

NIAC now recommends that pregnant women should be offered Tdap as early as possible after 15 weeks and up to 26 weeks gestation in each pregnancy, to protect themselves and their infants. Tdap should be offered in the week after delivery to those women who were not vaccinated during their pregnancy.

**Annual vaccine stocktake**

The Comptroller & Auditor General recommends that all schools receive vaccines from the HSE National Gold Chain Service (NCCS) to complete a stocktake by December 31st 2016.

No orders can be processed until an online stocktake has been submitted.

**Contact NCCS customer service if you have any queries**

Visit the schools in early 2017.

If a baby is 8 months and 0 days of age or older then they should NOT receive any dose of rotavirus oral vaccine because of the slightly increased risk of intussusception.

**Update has declined further in 2016/17 with estimated uptake of the first dose at 50%. This decline is related to the development of persistent doubts about HPV vaccine safety which have no scientific basis.**
HPV vaccination is cancer prevention

HPV has been identified as the cause of certain cancers. Men and women who have been vaccinated have been shown to be protected from these cancers. In the UK, the vaccine licensed for use is Gardasil® (MerckSharpDohme) which protects against 4 strains of HPV associated with cervical cancer.

The vaccine is given in a 3-dose series by injection and only needs to be given once. It is important to continue to have the other doses so that protection is maintained.

Australia, has maintained a high uptake of the HPV vaccination programme. A recent study carried out in 2016 found that 81% of girls aged 14-16 years had received the full 3-dose vaccine series.

The vaccine is given at the age of 12 to 15 years. It is given in the primary care setting at the same time as other routine vaccines and is free to anyone aged 9 to 20 years.

The vaccine is given over 3 visits and the recommended interval between doses is 6 months.

STEP 1: Remove protective tip cap from the oral applicator

STEP 2: Ensure the baby is sitting in a reclining position.

STEP 3: Insert syringe tip into the baby’s mouth, towards the inner cheek

STEP 4: Administer vaccine into the baby’s mouth. The syringe containing the vaccine should be aimed down one side and towards the back of the baby’s mouth. The syringe should not be inserted too far back that the baby gags.

If a baby is 9 months and 0 days of age or older then they should NOT receive any dose of rotavirus oral vaccine because of the slightly increased risk of intussusception.

New recommendations for giving Tdap vaccine in pregnancy

The European Medicines Agency (EMA) and Health Products Regulatory Authority (HPRA) have raised concerns about a case of congenital neural tube defects in the US following the administration of Tdap vaccine to pregnant women.

The HSE continues to support the use of Tdap in pregnancy as there is evidence that it is safe, effective and important in protecting newborns from Bordetella pertussis (whooping cough) and tetanus.

Tdap can be given at any time in pregnancy after 16 weeks and up to 36 weeks gestation in each pregnancy, to protect themselves and their infants. For constituted vaccines always record the batch number from the box NOT the batch number on the vial.

What should you do if a vaccine is given too early or too late?

If a vaccine is given before the minimum recommended interval, it is NOT considered as part of the primary series as there may be a sub-optimal immune response. The dose should be disregarded and the recommended interval is unlikely to have a significant adverse effect on the immune response to that dose, and does not need to be repeated.

Please note that if a vaccine is given more than the recommended interval, it is considered as part of the primary series as long as the person has not been previously vaccinated.

Q. What should happen if an unconstituted vaccine is given?

A. If a vaccine is given before the minimum recommended interval, it is NOT considered as part of the primary series and is no need to wait 4 weeks to give MMR as no active Pertussis antibodies is unlikely to be high enough to provide protection.

Q. If a child born after October 1st 2016 is late getting their MenB vaccine do they need routine paracetamol?

A. Paracetamol is NOT needed at the 12 month MenB vaccination as the risk of fever is the same as after the other vaccines. All other vaccines can be given at any interval before or after the MenB vaccination.

Q. Are there any vaccines that cannot be given at the same time as the MenB vaccine?

A. MenB vaccine can be given at the same time as all other vaccines. All other vaccines can be given at any interval before or after the MenB vaccination.

Q. If a child born after October 1st 2016 is late getting their MenB vaccine do they need routine paracetamol?

A. Paracetamol is NOT needed at the 12 month MenB vaccination as the risk of fever is the same as after the other vaccines. All other vaccines can be given at any interval before or after the MenB vaccination.

Q. What if a baby spit out rotavirus vaccine?

A. If a baby spits out regurgitates most of the rotavirus vaccine during the clinic visit another dose of rotavirus vaccine should be given.

Annual vaccine stocktake

The Comptroller & Auditor General requires all sites that receive vaccines from the HSE National Gold Chain Service (NCCS) to complete a stocktake by December 31st 2016.

Newly diagnosed in the at risk groups

Those who are newly diagnosed in the at risk groups should be offered Tdap as early as possible after 16 weeks and up to 36 weeks gestation in each pregnancy. If a vaccine is not administered before 16 weeks gestation, although it may be less effective in providing passive immunity to the infant. This involves inserting the liquid from the syringe into the accompanying vial and drawing the reconstituted vaccine back into the syringe.

The recommendation is to give the primary series (3 doses) of Tdap vaccine as early as possible in pregnancy following the above guidelines.

Q. If a vaccine is given before the minimum recommended interval, it is NOT considered as part of the primary series and is no need to wait 4 weeks to give MMR as no active Pertussis antibodies is unlikely to be high enough to provide protection.

Q. What should you do if a vaccine is given too early or too late?

If a vaccine is given more than the recommended interval, it is considered as part of the primary series as long as the person has not been previously vaccinated.

Contact NCCS customer service if you have any queries.

www.immunisation.ie
GP practices that offer Primary Childhood vaccines have
received information materials for the new primary childhood
schedule. If you wish to order more materials you can do so on
www.healthpromotion.ie.

You will find our materials in the immunisation section. If you
register an account on the website you will have access to more
materials and be able to order larger quantities for your practice.
Visit www.healthpromotion.ie today to order our information
materials.

Thank you for all your hard work in promoting and providing
immunisation, and for all your comments, queries and feedback
throughout 2016. We wish you a happy and peaceful New
Year and look forward to working with you all in 2017.

Vaccines Used By HSE

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Primary Childhood Vaccines

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<th>Vaccine</th>
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<td>INFANRIX 6 in 1</td>
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6 in 1 + PCV + MenC

MMR + MenB

GSK

Sanofi Pasteur MSD

BEXSERO

MMR Vax Pro

ENGERIX (adult)

HAVRIX Junior Monodose

ENGERIX (adult)

ENGERIX (pediatric)

ENGERIX (pregnancy)

ENGERIX 3.5mcg

ENGERIX 1.5mcg

HAVRIX PreVac

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