

# School Immunisation Programme

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[www.immunisation.ie](http://www.immunisation.ie)



# Overview

- Background
- Primary Schools - 4 in 1 vaccine and MMR
- Second Level Schools
  - HPV vaccine
  - MenC adolescent programme



# Background

- Developed in accordance with the guidance issued by the National Immunisation Advisory Committee (NIAC)
- Part of national strategy to protect children from infectious diseases through vaccination
- Materials – guidelines, consent forms, letters, leaflets, tearpads
- Updated each academic year. All items available on [immunisation.ie](http://www.immunisation.ie) under school section



[www.immunisation.ie](http://www.immunisation.ie)

# Primary Schools

2014/2015



[www.immunisation.ie](http://www.immunisation.ie)



# Primary school immunisation schedule 2014/2015

Age (years)	Vaccine
4 -5	4 in 1 MMR

4 in1      Diphtheria  
              Tetanus  
              Pertussis  
              Polio

MMR        Measles, mumps and rubella



# 4 in 1 adverse events

- More reactogenic
  - hot, swollen, red and tender arms from the shoulder to elbow
  - large, localised swelling (diameter > 50 mm) occurring around the injection site
- Begin within 48 hours of vaccination
- Resolve spontaneously
- Antibiotic treatment or anti-inflammatory not indicated
- Not usually associated with significant pain or limitation of movement
- Inform parents in advance

**4 in 1 and MMR Booster School Vaccination Programme for Children in Junior Infants**

Name: \_\_\_\_\_  
Date: \_\_\_\_\_  
Time of vaccination: \_\_\_\_\_

Your child was given the following vaccines today

4 in 1  MMR

**Common reactions expected after these vaccines may include**

- mild fever
- soreness, swelling and redness where the injection was given. Sometimes this swelling can be from the shoulder to the elbow. This usually occurs within 2 days of the vaccination and gets better over 4 – 5 days. Antibiotics are not needed to treat this local reaction.

**After MMR vaccine**

- some children may get "mini measles" with a rash and fever 6 to 10 days after the injection
- on rare occasions, children may get "mini-mumps" with swelling in the jaw in the third week after vaccination

These are not contagious.

**You can give your child paracetamol or ibuprofen to relieve aches and pains or to lower the fever.**

If you are concerned about your child the school vaccination team can be contacted during office hours from Monday to Friday at

If you require medical advice after these hours please contact your family doctor.

For more information see [www.immunisation.ie](http://www.immunisation.ie)

09/14

**4-in-1 Vaccainí**

Eolas do

[www.immunisation.ie](http://www.immunisation.ie)

**4-in-1 & MMR vaccines**

Information for parents of children in **Junior Infants**

[www.immunisation.ie](http://www.immunisation.ie)

**Foirm Tolltíthe Vacsaínithe | gcomhair: Bruitíneach, Leineach, Bruitíneach Dhearg (MMR) agus Dífíre, Polaimiailís, Teifeanas, Triuch (Pertussis) (4-in-1).**

**Comhábair:** Bruitíneach, Leineach, Bruitíneach Dhearg (MMR) agus Dífíre, Polaimiailís, Teifeanas, Triuch (Pertussis) (4-in-1).

**Comhábair:** Bruitíneach, Leineach, Bruitíneach Dhearg (MMR) agus Dífíre, Polaimiailís, Teifeanas, Triuch (Pertussis) (4-in-1).

**Comhábair:** Bruitíneach, Leineach, Bruitíneach Dhearg (MMR) agus Dífíre, Polaimiailís, Teifeanas, Triuch (Pertussis) (4-in-1).

**Measles, Mumps, Rubella (MMR) and Diphtheria, Polio, Tetanus, Whooping Cough (Pertussis) (4 in 1) Vaccination Consent Form.**

**Measles, Mumps, Rubella (MMR) and Diphtheria, Polio, Tetanus, Whooping Cough (Pertussis) (4 in 1) Vaccination Consent Form.**

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**Measles, Mumps, Rubella (MMR) and Diphtheria, Polio, Tetanus, Whooping Cough (Pertussis) (4 in 1) Vaccination Consent Form.**



[www.immunisation.ie](http://www.immunisation.ie)



# Second Level Schools

2014/2015



[www.immunisation.ie](http://www.immunisation.ie)



# Second level school immunisation schedule 2014/2015

Age (years)	Vaccine
12-13	Tdap <b>MenC</b>
12 – 13 (girls only)	HPV <b>(2 dose schedule)</b>

Tdap      Tetanus, low dose diphtheria & pertussis

MenC      Meningococcal C vaccine

HPV      Human papillomavirus



Second level school vaccination programme

Name: \_\_\_\_\_  
Date: \_\_\_\_\_  
Time of vaccination: \_\_\_\_\_

Your child was given the following vaccines today

HPV       Tdap       MenC

Common reactions expected after these vaccines may include  
 • soreness, swelling and redness where the injection was given (this usually passes after a day or two)  
 • dizziness  
 • headache

Occasionally your child may feel sick or have a mild fever. On rare occasions some children may have an itchy rash or hives.

You can give your child paracetamol or ibuprofen to relieve aches and pains or to lower the fever. If you are concerned about your child please seek medical advice.

The school vaccination team can be contacted during office hours from Monday to Friday at \_\_\_\_\_

If you require medical advice after these hours please contact your family doctor.

Before the next vaccine, you should write to the vaccination team if there has been

- a serious reaction to these vaccines
- any change to your child's medical history or your consent.

You will get a record of your child's vaccinations when they have all been completed. **Please keep this safe.**

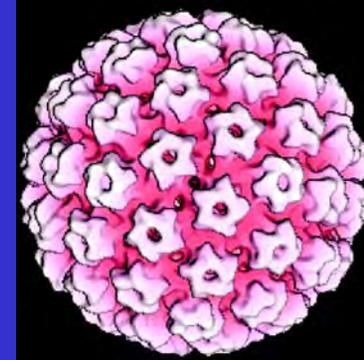
For more information see [www.immunisation.ie](http://www.immunisation.ie)



# HPV vaccination programme

Gardasil (Sanofi Pasteur)

- protects against
  - HPV 16 and 18  
(causes 70% cervical cancers)
- and
  - HPV 6 and 11  
(causes 90% anogenital warts)



Computerised image of  
the human papillomavirus  
Courtesy of Dept of  
Pathology, University of  
Cambridge

## HPV vaccine schedule

# Immunogenicity of 2 Doses of HPV Vaccine in Younger Adolescents vs 3 Doses in Young Women

A Randomized Clinical Trial

Dobson et al  
JAMA 2013

### NIAC recommendation (different from SmPC)

- Girls under 15 at first dose
  - 2 dose schedule at 0 and 6 months
- Girls 15 and older at first dose
  - 3 dose schedule at 0 and 6 months with 3<sup>rd</sup> dose at least 3 months after 2<sup>nd</sup> dose
  - No evidence yet to support 2 dose in older girls



# Vaccine Impact in Australia

## High Grade Cervical Lesions <18 years

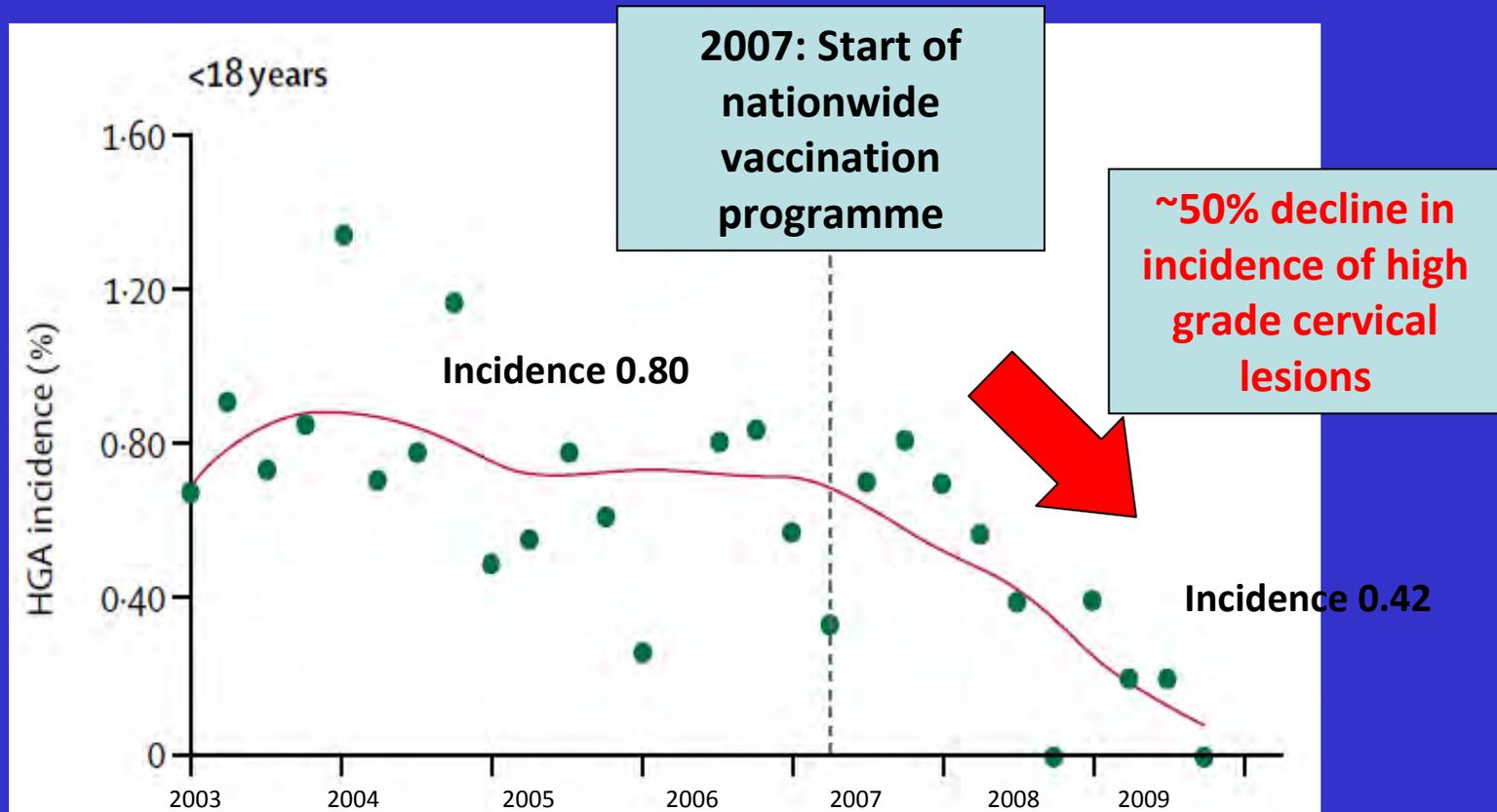


Figure 2: Incidence of high-grade cervical abnormalities, by age group

Incidence of high-grade cervical abnormalities (HGA; green dots) is the number of new diagnoses within a 3-month period per 100 women tested. Lowess smoothing trends are shown with red lines. The vertical lines, at the start of the second quarter in 2007, signify the introduction of human papillomavirus vaccination.

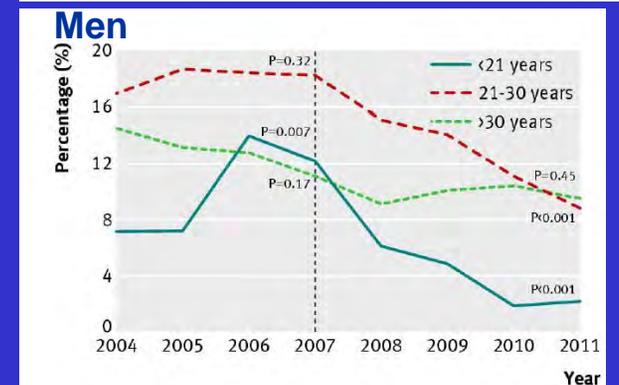
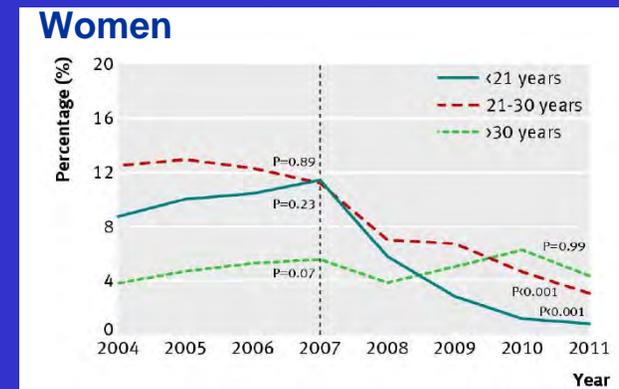


Brotherton et al Lancet 2011; 377: 2085–92

# HPV vaccine Vaccine Impact in Australia Genital warts

- Women <21 years
  - HPV vaccine
    - 83% 1st dose uptake
  - 93% decline in genital warts
  - no genital warts in vaccinated women (2011)
- Men
  - 82% decline in genital warts in heterosexual men
  - attributable to herd immunity

% Australian born diagnosed with genital warts by age group 2004 - 2011



# HPV vaccine – what about the boys?

## Gardasil

- licensed for use for prevention of
  - genital warts
  - anal cancer
- elicits the same or higher immunogenicity in boys
- most cost effective when uptake in girls is low
- reduce transmission in MSM (? cost effective up to 26 years)

[http://ecdc.europa.eu/en/publications/Publications/20120905\\_GUI\\_HP\\_vaccine\\_update.pdf](http://ecdc.europa.eu/en/publications/Publications/20120905_GUI_HP_vaccine_update.pdf)



## Adolescent MenC booster vaccine

- Peak rates in under 5 years and 15-19 years
- Concerns about waning immunity in adolescents
- Recent study
  - those vaccinated at <1 year, vaccine effectiveness decreased by 50% after 10 years
  - those vaccinated with one dose at 12–19 years showed no changes
  - vaccination at  $\geq 12$  years related to a low number of vaccine failures and a higher and longer protection over time



# Boys packs – Tdap and MenC

## Teanndáileog vacsaíní Tdap agus MenC

Eolas do thuismitheoirí páistí atá sa  
Chéad Bhliain i scoil dara leibhéal



## Tdap and MenC booster vaccines

Information for parents of children  
in First Year of second level school



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Class/  
Rang:

School Roll Number/  
Uimhir Róla na Scoile:

Client ID/  
Aitheantas Cliant:

## Tdap and MenC Vaccination Consent Form Foirm Toilithe: Vacsaíníú Tdap agus MenC

This consent form needs to be completed to give consent for

- 1 dose of Tdap vaccine
- 1 dose of MenC vaccine

These vaccines will be given during the school year.

For each vaccinations where you wish to give consent please fill and sign Parts 1 and 2.

For each vaccinations where you wish to refuse consent please fill and sign Parts 1 and 3.

Please note only a parent or legal guardian can consent or refuse consent for students. Students over 16 years of age are legally entitled to consent for themselves.

Complete the form in Block CAPITALS using a pen.

Return this form within the next 3 school days.

**Privacy Statement:** HSE staff are aware of their obligation under the Data Protection Acts, 1988 and 2003. The information provided will be included in an Immunisation Database. The HSE will use this information to validate clients, monitor vaccination programmes and provide health care.

Ní mór an fhoirm toilithe seo a chomhlánú chun toiliú go diabharfaí

- 1 dáileog den vacsaín Tdap
- 1 dáileog den vacsaín MenC

Tabharfar na vacsaíní seo le linn na scoilbhliana.

Má tholleann tú líon isteach agus sinigh Cuid 1 agus 2 do gach vacsaín.

Mura dtolleann tú líon isteach agus sinigh Cuid 1 agus 3 do gach vacsaín.

Tabhair faoi deara nach féidir le duine ar bith seachas an tuismitheoir nó caomhnóir, toiliú nó gan toiliú thar ceann daltaí. Is féidir le dalta atá os cionn 16 bliana d'aois toiliú ar a s(h)on féin.

Comhlánaigh an fhoirm seo le peann i MBLOCLITREACHA.

Seol an fhoirm seo ar ais go dtí an scoil laistigh de 3 lá scoile.

**RÁITEAS PRÍOBHÁIDEACHAIS:** Tá foireann FSS ar an eolas faoi na dualgais atá orthu faoi na hAchtanna um Chosaint Sonraí, 1988 agus 2003. Beidh an t-eolas a chuirfear ar fáil stóráite i mBunachair Imdhionta. Bainfidh FSS úsáid as an eolas seo chun cliaint a dheimhniú, monatóireacht a dhéanamh ar na cláir vacsaínithe agus soláthar chúram sláinte.

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[www.immunisation.ie](http://www.immunisation.ie)



# Girls Packs – HPV, Tdap and MenC

**Tugann vacsaín HPV cosaint dúinn in aghaidh ailse cheirbheacsach**

**The HPV vaccine protects us from cervical cancer**

**INFORMATION FOR PARENTS AND GUARDIANS.**

**HSE**

**HPV PROTECT NOW FOR THE FUTURE**

**For official use only / Don oifig amháin**

Class/ Rang: School Roll Number/ Uimhir Rolla na Scoile: Client ID Altheantais Claiant:

## HPV, Tdap and MenC Vaccination Consent Form

### Foirm Toilithe: Vacsaíniú HPV, Tdap agus MenC

This consent form needs to be completed to give consent for

- 2 doses of HPV vaccine
- 1 dose of Tdap vaccine
- 1 dose of MenC vaccine

These vaccines will be given during the school year. It is planned that 2 vaccines will be given at each school visit; however note that this may vary in some circumstances for some pupils.

Visit 1: HPV (Dose one) + Tdap      Visit 2: HPV (Dose two) + MenC

For each vaccination where you wish to give consent please fill and sign Parts 1 and 2. For each vaccination where you wish to refuse consent please fill and sign Parts 1 and 3. Please note only a parent or legal guardian can consent or refuse consent for students. Students over 16 years of age are legally entitled to consent for themselves. Complete the form in Block CAPITALS using a pen. Return this form within the next 3 school days.

**Privacy Statement:** HSE staff are aware of their obligation under the Data Protection Acts, 1988 and 2003. The information provided will be included in an Immunisation Database. The HSE will use this information to validate clients, monitor vaccination programmes and to provide health care. The data for HPV will be made available to CervicalCheck – The National Cervical Screening Programme for use in the context of its service.

Ní mór an fhóirm toilithe seo a chomhlánu chun toilleadh go dtabharfaid

- 2 dháileog den vacsaín HPV
- 1 dáileog den vacsaín Tdap
- 1 dáileog den vacsaín MenC

Tabharfaid na vacsaíní seo i rith na scoilbhliana. Tá sé beartaithe go dtabharfaid 2 vacsaín le linn gach cuairt scoile; tabhair faoi deara áfach go mb'fhéidir nach mbeidh seo amháin do roinnt dhaltaí.

Cuairt 1: HPV (Dáileog a haoin) + Tdap      Cuairt 2: HPV (Dáileog a dó) + MenC

Má thollean tú, líon isteach agus síniúh Cuid 1 agus 2 do gach vacsaín. Mura dtollean tú, líon isteach agus síniúh Cuid 1 agus 3 do gach vacsaín. Tabhair faoi deara nach féidir le duine ar bith seachas tuismitheoir nó caomhnóir, toiliú nó gan toiliú thar ceann dait. De réir dlí, is féidir le daital os clonn 16 bliana d'aois toiliú ar a s'fhon féin. Comhlánaigh an fhóirm seo i mBLOICHTREACHA. Seo an fhóirm chomhlánaithe ar ais go dtí an scoil láistigh de 3 lá scoile. **Ráiteas Pribháideachais:** Tá foireann FSS ar an eolas faoi na dualgais atá orthu faoi na hAchtanna um Chosaint Sonraí, 1988 agus 2003. Beidh an t-eolas a chuirfead ar fáil stóráite i mBunachair Imdhonta. Bainfidh FSS úsáid as an eolas seo chun claiant a dheimhniú, monatóireacht a dhéanamh ar na claiir vacsaínithe agus soláthar chúram sláinte. Roinnfead sonraí vacsaínithe HPV le CervicalCheck – an Clár Scagthástála Cheirbheacs Náisiúnta chun úsáid a bhaint as i gcomhleáas a seirbhís.

**For official use only** School Roll Number: Client ID:

### Human Papillomavirus (HPV) Vaccination Consent Form

**PART 1 - Complete this part for all girls**

Student's Surname: Student's Middle Name: Student's Surname (Family Name):

Offensive location: Student's Personal Public Service Number (PPSN):

Student's Date of Birth: Student's Surname at Birth:

Student's Address: County:

Parent's/ Legal Guardian's Name and Surname: Daytime Contact Phone No: Mobile Phone No:

**PART 2 - Complete this part if you want to give consent**

Has the girl had any serious illness in recent years? Yes No

Is she currently taking medication? Yes No

Has the girl ever had a severe reaction to any medication or vaccine (including anaesthetics)? Yes No

Does she have any illness or condition that increases her risk of hepatitis? Yes No

**Signature:** Date: (DD/MM/YYYY)

Name (Please print): (Please tick) Parent Guardian Self

Referenced to hospital setting: Other

Completed by: MCRN/PIN: (DD/MM/YYYY)

Date	Block	Visit	Completed by	Approved by	Signature	Signature

Comment:



[www.immunisation.ie](http://www.immunisation.ie)



# Tearpads

## 4 in 1 and MMR Booster School Vaccination Programme for Children in Junior Infants

Name: \_\_\_\_\_  
 Date: \_\_\_\_\_  
 Time of vaccination: \_\_\_\_\_



**Your child was given the following vaccines today**

4 in 1  MMR

**Common reactions expected after these vaccines may include**

- mild fever
- soreness, swelling and redness where the injection was given. Sometimes this swelling can be from the shoulder to the elbow. This usually occurs within 2 days of the vaccination and gets better over 4 – 5 days. Antibiotics are not needed to treat this local reaction.

**After MMR vaccine**

- some children may get "mini measles" with a rash and fever 6 to 10 days after the injection
- on rare occasions, children may get "mini-mumps" with swelling in the jaw in the third week after vaccination

These are not contagious.

**You can give your child paracetamol or ibuprofen to relieve aches and pains or to lower the fever.**

If you are concerned about your child the school vaccination team can be contacted during office hours from Monday to Friday at

If you require medical advice after these hours please contact your family doctor.



For more information see  
[www.immunisation.ie](http://www.immunisation.ie)

### Clár Vaccainithe Scoile 4 in 1 agus Teandáileog MMR do Pháistí sna Níonáin Sóisearacha

Ainm: \_\_\_\_\_  
 Dáta: \_\_\_\_\_  
 Am an vaccainithe: \_\_\_\_\_

Tugadh na vaccainí seo a leanas dod' pháiste inniu

4 in 1  MMR

**I measc na bhfrithghníomhacha a d'fhéadfaí a bheith ag súil leo tar éis na vaccainí seo tá:**

- fadhras tinn
- Tréimh si agas deirge canaill ar fhadh an fhéidealladh, in amann, d'fhéadfaid an lámh a bheith atá ón ghuairne go dtí an ullinn. De ghráid, bíodáin seo áirithe go 2-3 indiaidh an vaccainithe agus lagairt beag ar tar éis 4-5 lá.
- Ní theastaíonn frithghníomhaigh chun an frithghníomh seo a chóireáil.

**Tar éis an vaccainithe MMR**

- d'fhéadfaid roinnt pháistí an 'Sínéiteach beag' a fháil le grian cráin: agus fadhras 6 go 10 lá indiaidh an insteallá.
- go hainnead, d'fhéadfaid pláist an 'beannach beag' a thóg le h-áit sa ngáil sa tríú seachtain i ndiaidh an insteallá.
- Ní áit son léigleach.

**D'fhéadfaid paracéiteamól nó íobuproifén a thabhairt dod' pháiste chun faoiseamh a thabhairt ar phianta nó chun an fhadhras a íallú.**

Má tá míni ort faoi do pháiste, a fheidir leat dul / d'fhaghaíl leis an bhfoireann vaccainithe scoile le linn uaireanta oifige. Luan go hAoine ar

Má theastaíonn comhairle leighis uaf' indiaidh na huaireanta seo, déan teagmháil le do dhochtúir teaghlaigh.

www.immunisation.ie

Name: \_\_\_\_\_  
 Date: \_\_\_\_\_  
 Time of vaccination: \_\_\_\_\_

Your child was given the following vaccines today

HPV  Tdap  MenC

Common reactions expected after these vaccines may include

- soreness, swelling and redness where the injection was given (this usually passes after a day or two)
- dizziness
- headache

Occasionally your child may feel sick or have a mild fever. On rare occasions some children may have an itchy rash or hives.

You can give your child paracetamol or ibuprofen to relieve aches and pains or to lower fever. If you are concerned about your child please seek medical advice.

The school vaccination team can be contacted during office hours from Monday to Friday

If you require medical advice after these hours please contact your family doctor.

Before the next vaccine, you should write to the vaccination team if there has been

- a serious reaction to these vaccines
- any change to your child's medical history or your consent

You will get a record of your child's vaccinations when they have all been completed. **Please keep this safe.**

For more information see  
[www.immunisation.ie](http://www.immunisation.ie)



## Clár Vaccainithe do scoileanna dara leibhéal



Ainm: \_\_\_\_\_  
 Dáta: \_\_\_\_\_  
 Am vaccainithe: \_\_\_\_\_

Tugadh na vaccainí seo a leanas dod' pháiste inniu

HPV  Tdap  MenC

I measc na ngnáth-frithghníomhartha a bhfuiltear ag súil leo i ndiaidh na vaccainí seo tá

- pian, at nó deargadh san áit inar tugadh an instealladh (imionn sé seo tar éis lá nó dhó)
- mearbhall
- tinness cinn

Uaireanta mottaíonn do pháiste tinn nó bíonn fadhras eadrom air/uirthi. Bíonn grios nó aodh thochais ag páiste go fíor-annamh.

Is féidir leat paracéiteamól nó íobuproifén a thabhairt dod' pháiste chun na pianta a mhaolú nó chun an fhadhras a íallú. Má bhíonn míni ort faoi do pháiste, faigh comhairle leighis.

Is féidir teagmháil a dhéanamh leis an bhfoireann vaccainithe scoile le linn uaireanta oifige ón Luan go hAoine ag

Má theastaíonn comhairle leighis tar éis na huaireanta seo déan teagmháil le do dhochtúir teaghlaigh le do thoil.

Ba chóir duit scríobh chuig an fhoireann vaccainithe roimh an chéad vaccainíú eile má bhíonn

- Frithghníomh tromchúiseach in aghaidh na vaccainí seo ag do pháiste
- Aon athrú ar stair leighis do pháiste nó ar do thoillí

Tabharfar taifead de vaccainí do pháiste duit nuair a bheidte, faigh comhairle leighis. **Coinnigh an taifead seo sábháilte.**

Tuilleadh eolais ar  
[www.immunisation.ie](http://www.immunisation.ie)

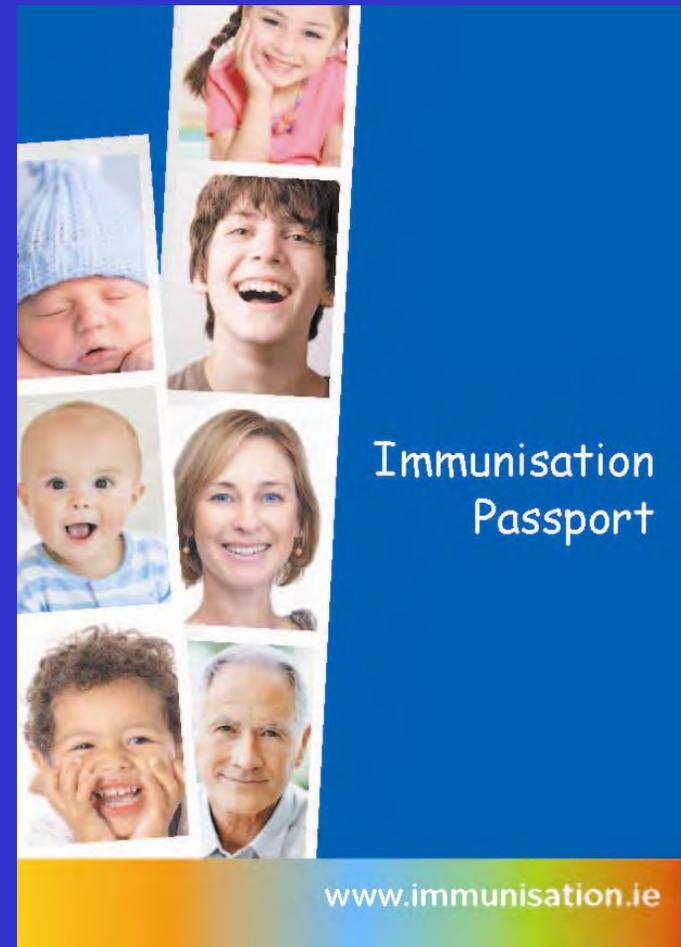



[www.immunisation.ie](http://www.immunisation.ie)



# Passports

- Each child gets an “Immunisation Passport” if they do not bring one to their vaccination appointment
- Every vaccination recorded
- Passports for life



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## School Programme

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*April 2015*

Children need to get booster doses of some vaccines in school to protect them against these diseases.

When your child is aged 4 to 5 years, they will get two vaccines:

- The 4 in 1 booster to protect against diphtheria, polio, tetanus and whooping cough (pertussis); and
- a second dose of the MMR vaccine to protect against measles, mumps and rubella.

These vaccines are usually given by a HSE doctor or nurse in primary school to Junior Infants, or in some areas by your GP.

Learn more about the [4 in 1 and MMR school programme](#)

When your child is in their first year of second level school they will get a tetanus and low-dose diphtheria and pertussis (Tdap) booster vaccine.

This vaccine is usually given by a HSE doctor or nurse to students in first year of second level school in the school or sometimes at HSE clinics.

Learn more about [Tdap school programme](#)

From September 2014 all students in first year of second level schools will get a booster dose of the Meningococcal C (MenC) vaccine. This vaccine is being introduced to protect young people from life threatening meningococcal group C (MenC) infection.

This vaccine will be given by a HSE doctor or nurse to students in first year of second level school in the school or sometimes at HSE clinics.

Learn more about the [MenC school programme](#).



Schools Immunisation

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