

The National Flu Immunisation Programme 2021/2022

Screening and Immunisation Coordinator: Emma Nebard
November 2021

NHS England and NHS Improvement



Meet the SIT (Screening and Immunisation Team)
Available Monday – Friday, 9am-5pm, email only
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Katie Markham and Elaine Holt - Screening and Immunisation Coordinators (Sheffield)

Lizzie James and Amelia Thorpe – Assistant Screening and Immunisation Coordinators

Today's Session:

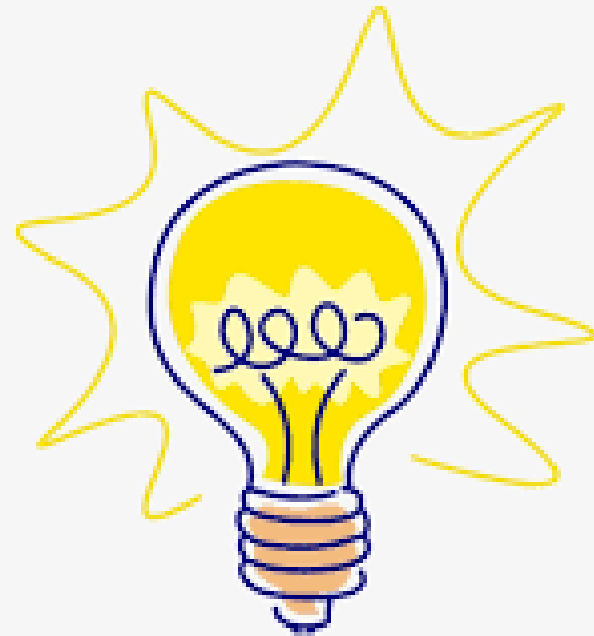
- What is Flu
- Symptoms and Complications of Flu
- Basics for Practices throughout Flu Season
- Key Role of Healthcare Practitioners
- When to Vaccinate
- Eligibility and Ambition of the Flu Programme
- Clinical Risk Cohorts
- Flu Vaccines and Components
- Barnsley Uptake

What is Flu:

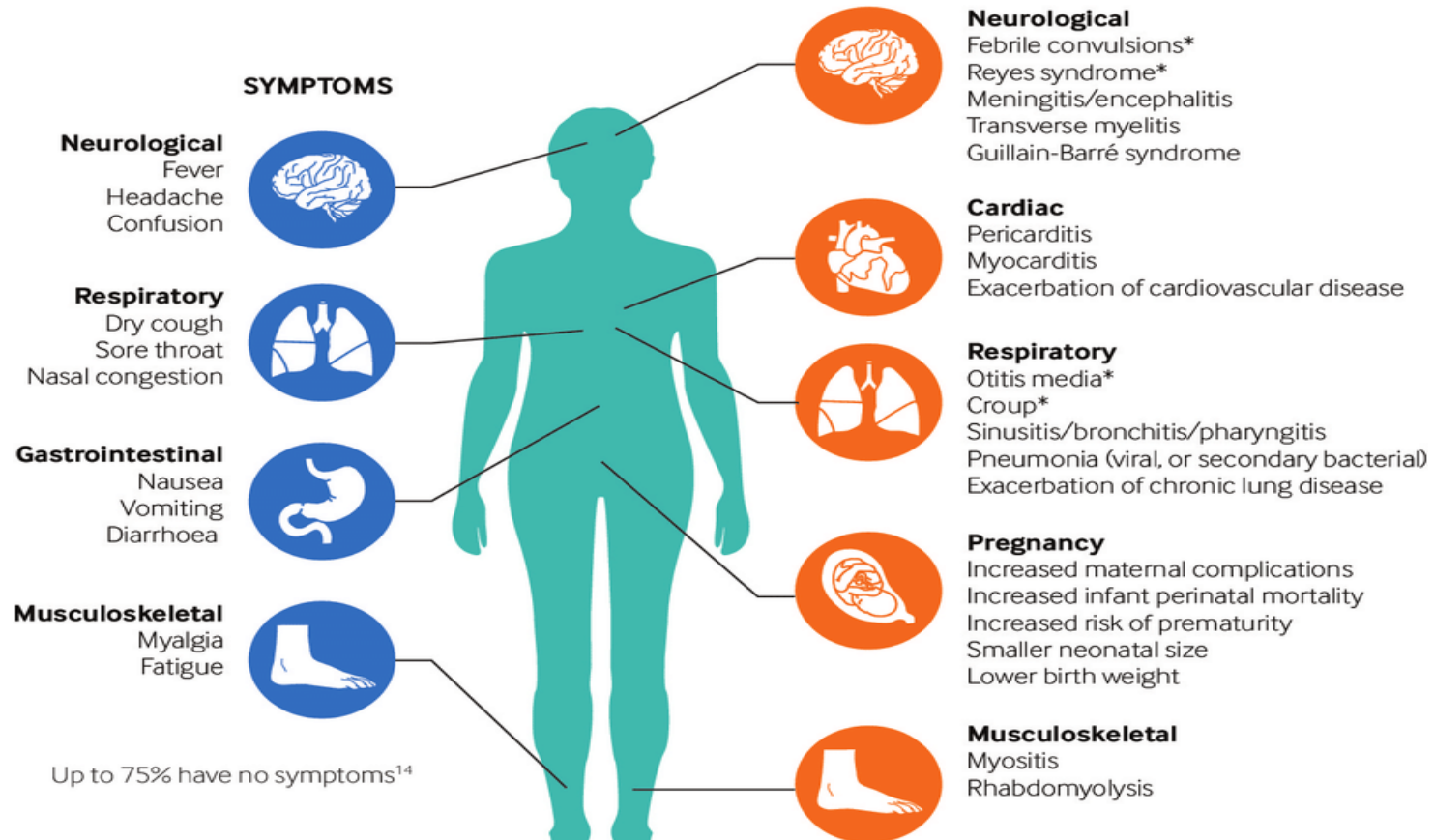
- Flu is an acute viral infection of the respiratory tract
- The incubation period is usually one to three days.
- There are 3 types of influenza virus which affect humans: types A, B and C. Types A and B are responsible for most disease.
- It is a highly infectious illness which spreads rapidly in closed communities
- Even people with mild or no symptoms can infect others.
- Most cases in the UK occur during an 8-to-10-week period during the winter



Flu Symptoms



Symptoms and Complications of Flu:



Basics for Practices Throughout Flu Season:

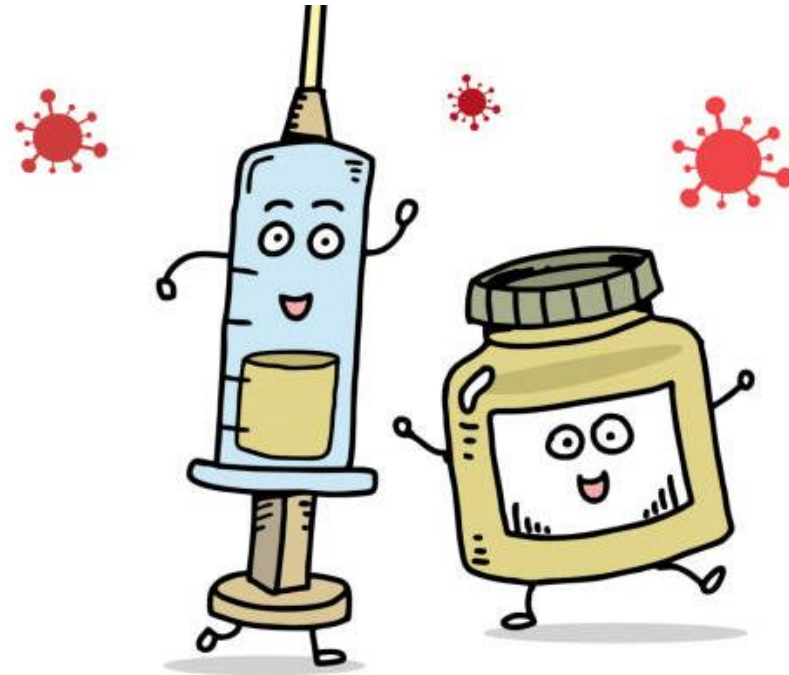


Many practices will already have the basics well-covered:

- A lead individual per practice
- A register of eligible patients
- Personalised invites
- Recalling non-responders
- Continued recall

Key Role of Healthcare Practitioners:

- Provide evidence base
- Advise parents/carers
- Administer flu vaccines
- Report and manage adverse events



When to Vaccinate:



- As soon as the vaccine is available
- Ideally before the end of December
- Clinical judgement applied on individual patients
- Annual revaccination

Flu Vaccine Eligibility:

Eligible Group	Responsibility of
2 & 3 yrs on 31 st August 2021, so will be turning 4 yrs during the season. DOB 1-9-17 to 31-8-19	GP Practice
School Yrs R to Yr 11 DOB 1-9-05 to 31-8-17	School provider GP (to only at risk, call and recall)
6 months to 18yrs in clinical risk groups (carers & close contacts of immunocompromised individuals)	GP School provider (if in eligible cohort as above)
18yrs to under 65 yrs in clinical risk groups	GP Pharmacy Hospitals (offering in/out patients where appropriate)
<u>Pregnant women</u> (include those who become pregnant during flu season & those who were pregnant in last season)	GP Pharmacy Maternity services (offering in & out patients)
<u>Aged 50 years and over</u> (including those turning 50 during the flu season - prior to 31.3.22) DOB on or before 31.3.1972	GP Pharmacy
Those living in long-stay residential care homes or other long-stay care facilities	GP Pharmacy (if invited by care home)
Frontline health and social care workers	GP Pharmacy Employer (Occupational health)

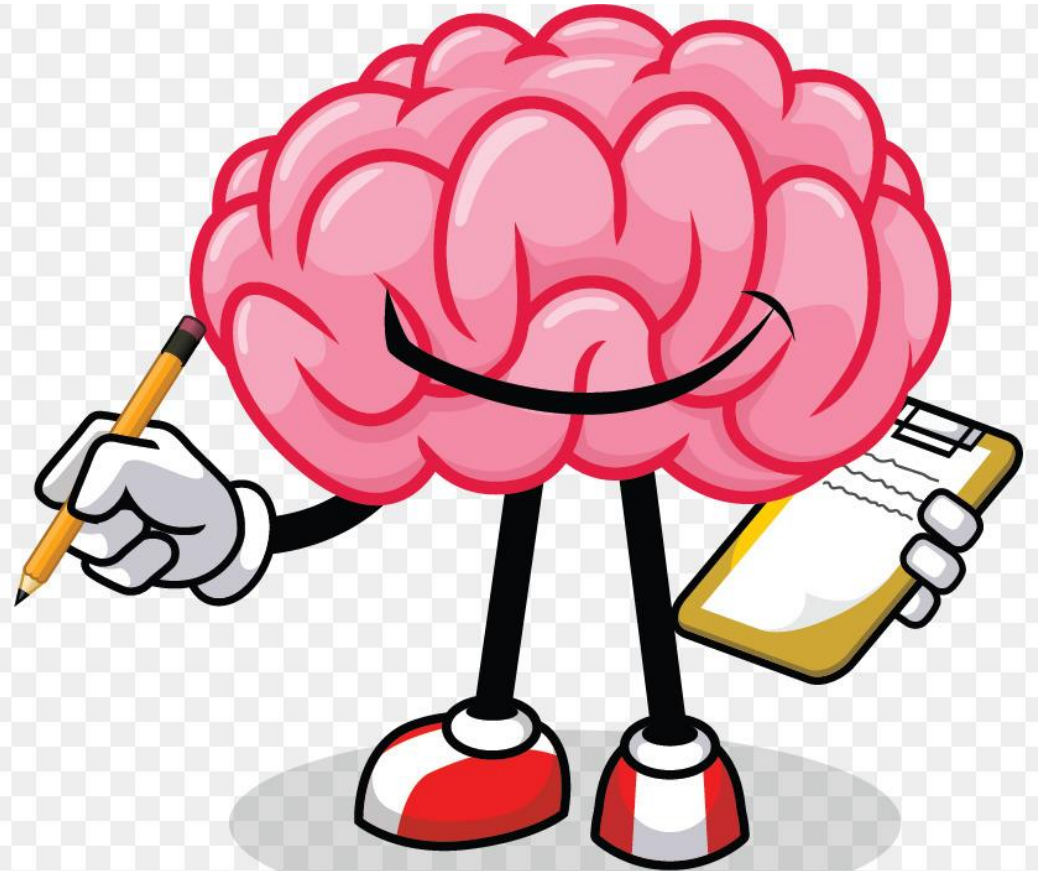
Vaccine uptake ambitions 2021 to 2022

Eligible groups	Uptake ambition
Routine programme for those at risk from influenza	
Aged 65 years and over	At least 85%
Aged under 65 'at risk', including pregnant women	At least 75% in all clinical risk groups
Aged 50 to 64 years	At least 75%
Children's programme	
Preschool children aged 2 and 3 years old	At least 70% with most practices aiming to achieve higher.
School-aged children	At least 70% to be attained across all eligible school years.
Reducing levels of inequality	
All ages	No group or community should have a vaccine uptake that is more than 5% lower than the national average. See paragraph 18 for more details
Health and social care workers	
Frontline health care workers	100% offer with an 85% ambition
Frontline social care workers	100% offer with an 85% ambition

Clinical Risk Groups:

- Increased risk of serious illness or death
- Only around half of those eligible are vaccinated
- Uptake ambition for this group is at least 75%
- Tailored strategies to increase uptake
- No real increase in LD cohorts

Brain Teaser





Flu-related population mortality rates for those in risk groups

An analysis by PHE of data from fatal flu cases in England during the 2010/11 flu season gives an indication of the increased risk of death from flu complications for those in clinical risk groups



The flu-related relative risk of death* in England among all those in a risk group aged

6 months to under 65 years was 11.3

(compared to the baseline of those not in a risk group)

The flu-related relative risk of death* by clinical risk group for those with:

chronic liver disease	48.2
immunosuppression	47.3
chronic neurological disease (excluding stroke or transient ischaemic attack)	40.4
chronic renal disease	18.5
chronic heart disease	10.5
chronic respiratory disease	7.4
type-2 diabetes	5.8

* Mantel-Haenszel age-adjusted rate ratio (RR), deaths per 100,000 population





Flu Vaccines and Their Components:

- Each year, the World Health Organisation (WHO) monitors the epidemiology of influenza across the world and makes recommendations to vaccine manufacturers regarding the strains of influenza to include in the vaccine
- **Two main types of vaccine available:**
 - Inactivated – given by injection
 - Live attenuated – given by nasal application

Flu Vaccines 2021/22

Flu vaccines 2021 to 2022 season

6 months to under 2 years	2 years to less than 18 years ⁽ⁱⁱ⁾	2 years to less than 18 years ⁽ⁱⁱ⁾	18 years to 64 years	65 years and over
<p>In a clinical risk group</p> <p>QIVe (Quadrivalent influenza vaccine, egg-grown)⁽ⁱ⁾</p> <p>1⁽ⁱ⁾ 3</p>	<p>Children and young people with no contraindications to LAIV</p> <p>Quadrivalent LAIV (Live attenuated influenza vaccine, nasal spray suspension)⁽ⁱⁱ⁾</p> <p>2⁽ⁱ⁾</p>	<p>Children and young people if LAIV contraindicated or otherwise unsuitable⁽ⁱⁱⁱ⁾</p> <p>QIVc (Quadrivalent influenza vaccine, cell-grown)</p> <p>4⁽ⁱ⁾</p>	<p>QIVc (Quadrivalent influenza vaccine, cell-grown)</p> <p>QIVr (Recombinant quadrivalent influenza vaccine)</p> <p>or QIVe (Quadrivalent influenza vaccine, egg grown) if QIVc or QIVr not available</p> <p>4 5 or 1 3</p>	<p>aQIV (Adjuvanted quadrivalent influenza vaccine)^(iv)</p> <p>or QIVc (Quadrivalent influenza vaccine, cell-grown) if aQIV not available</p> <p>or QIVr (Recombinant quadrivalent influenza vaccine) if aQIV not available</p> <p>6 or 4 5</p>

<p>Quadrivalent Influenza Vaccine Sanofi Pasteur</p> <p>QIVe</p> <p>1</p>  <p>licensed from 6 months of age</p>	<p>Fluenz® Tetra AstraZeneca</p> <p>LAIV</p> <p>2</p>  <p>licensed from 2 years to less than 18 years of age</p>	<p>Influvac sub-unit Tetra▼ Viatris (formerly Mylan)</p> <p>QIVe</p> <p>3</p>  <p>licensed from 6 months of age</p>	<p>Flucelvac Tetra▼ Seqirus</p> <p>QIVc</p> <p>4</p>  <p>licensed from 2 years of age</p>	<p>Supemtek▼ Sanofi Pasteur</p> <p>QIVr</p> <p>5</p>  <p>licensed from 18 years of age</p>	<p>Fluad Tetra▼ Seqirus</p> <p>aQIV</p> <p>6</p>  <p>licensed from 65 years of age</p>
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Eligible groups

- aged 2 and 3 years on 31 August 2021
 - school aged children from Reception Year up to Year 11
 - those aged 6 months to under 50 years in clinical risk groups
 - pregnant women
 - those in long-stay residential care homes
 - carers
 - close contacts of immunocompromised individuals
 - frontline health and social care staff
- See Green Book Influenza Chapter 19

Resources

Annual flu programme
www.gov.uk/government/collections/annual-flu-programme

Green Book Influenza Chapter 19
www.gov.uk/government/publications/influenza-the-green-book-chapter-19

⁽ⁱ⁾ Vaccines for eligible children and young people (under 18 years of age) are available to order from ImmForm

⁽ⁱⁱ⁾ 16 to less than 18 years in clinical risk groups only

⁽ⁱⁱⁱ⁾ If the parent of an eligible child declines LAIV because of its porcine gelatine content (and they understand that it is the most effective vaccine for children), they can request an alternative injectable vaccine. QIVc is available to order from ImmForm for these children

Flu i mmunisation

Helping to protect people, every winter

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06.09.2021

Flu Vaccines for Children and Young People:

Which flu vaccine should children and young people have?



There are 3 types of flu vaccine available for children and young people in 2021 to 2022 – the nasal spray live attenuated influenza vaccine (LAIV), the injected inactivated egg grown influenza vaccine (QIVe) and the injected inactivated cell grown influenza vaccine (QIVc). This chart indicates which vaccine they should have.

What is the child or young person's age?

under 6 months of age

Under 6 months of age they are too young to have the flu vaccine (this is why it is important that expectant mothers have a flu vaccination; pregnant women can have the flu vaccine at any stage of their pregnancy)

6 months to under 2 years

Are they in an at-risk group?

Yes

They should have the injected inactivated quadrivalent influenza vaccine QIVe (egg-grown). Children in this age group who have never had a flu vaccination will need 2 doses 4 weeks apart

No

They are not eligible for the flu vaccine

2 years to less than 16 years of age⁽ⁱ⁾
Reception class to school year 11

Is the nasal spray vaccine contraindicated or otherwise unsuitable?

Yes

They should have the injected Quadrivalent influenza vaccine cell grown (QIVc)⁽ⁱⁱ⁾⁽ⁱⁱⁱ⁾. Children aged up to 9 years in an at-risk group who have never had a flu vaccination will need 2 doses 4 weeks apart

No

They should have the nasal spray vaccine

16 years to less than 18 years of age

Are they in an at-risk group?

Yes

Is the nasal spray vaccine contraindicated or otherwise unsuitable?^(iv)

Yes

They should have the injected Quadrivalent influenza vaccine cell-grown (QIVc)

No

They are not eligible for the flu vaccine

No

They should have the nasal spray vaccine



⁽ⁱ⁾ • Aged 2 and 3 years on 31 August 2021
• School aged children from Reception Year up to Year 11 (aged 4 to 15 years on 31 August 2021). Children outside these age ranges (for example, a child has been held back a year) may be vaccinated with their peers
⁽ⁱⁱ⁾ This season QIVc (and not QIVe) has been procured for this group
⁽ⁱⁱⁱ⁾ If the parent of an eligible child declines LAIV because of its porcine gelatine content (and they understand that it is the most effective vaccine for children), they can request an alternative injectable vaccine. QIVc is available to order from ImmForm for these children

Resources

Annual flu programme
www.gov.uk/government/collections/annual-flu-programme

Green Book Influenza Chapter 19
www.gov.uk/government/publications/influenza-the-green-book-chapter-19

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Key Messages:

- Most effective intervention in reducing harm from flu and winter pressure on health and social care
- Aim to increase uptake in clinical at-risk groups
- Promote vaccine in pregnancy
- Health and Social Care workers who are vaccinated reduce the risk of spread
- Reduce the need for antibiotics
- Vaccinated children should reduce impact on children and reduce community transmission
- By reducing transmission, it should avert severe cases and flu-related deaths
- Practitioners to ensure appropriate measures are in place to protect against Covid

Current Uptake in Barnsley (Immform week 44):

COHORT:	AVERAGE UPTAKE:
65 and Over	73.3%
50 to under 65	35.4%
At Risk 6 months to under 65	36.1%
At Risk 16 years to under 50	24.7%
All Pregnant Women	28.2%
Carers aged 16 to under 50	21.8%
Children Aged 2 years	30.3%
Children Aged 3 years	32.7%

Incident Reporting: Duty Desk england.sybsit@nhs.net

Type of Incident:

- Administration
- Duplicate vaccines given
- Incorrect vaccine administered
- Out of date vaccine administered
- Break in cold chain

Why Report:

- Identify WHAT happened and ensure explanation to patient/carer
- Identify WHY it happened
- LEARN and SHARE

ANY
QUESTIONS
?



Resources and Useful Links:

- Vaccine Management – ordering, storing and handling: [Vaccine Incident Guidance \(publishing.service.gov.uk\)](https://www.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/94422/vaccine-incident-guidance)
- Information for Healthcare Practitioners: [The national influenza immunisation programme 2021 to 2022: August 2021 \(publishing.service.gov.uk\)](https://www.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/94422/the-national-influenza-immunisation-programme-2021-to-2022-august-2021)
- Resources to support with LD cohort: [Flu vaccinations: supporting people with learning disabilities - GOV.UK \(www.gov.uk\)](https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/94422/flu-vaccinations-supporting-people-with-learning-disabilities)
- National flu immunisation programme plan (The Flu Letter) [National flu immunisation programme plan - GOV.UK \(www.gov.uk\)](https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/94422/national-flu-immunisation-programme-plan)
- General Practice Enhanced Service Specifications for the Seasonal Influenza Vaccination Programme 21/22 [NHS England » NHS England Enhanced Services Influenza Specifications](https://www.nhs.uk/england/enhanced-services/influenza-specifications)
- Winter Vaccination Public Facing Campaign: [Winter Vaccinations Public Facing Campaign | Campaign Resource Centre \(phe.gov.uk\)](https://www.phe.gov.uk/campaigns/winter-vaccinations-public-facing-campaign)
- Order leaflets and posters here Home - [Home - Health Publications](https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/94422/home-health-publications)
- eLearning for Healthcare: [Flu Immunisation - elearning for healthcare \(e-lfh.org.uk\)](https://www.e-lfh.org.uk/flu-immunisation)
- Ovalbumin content in vaccines 2021/22:
- Influenza vaccine: ovalbumin content - [Influenza vaccine: ovalbumin content - GOV.UK \(www.gov.uk\)](https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/94422/influenza-vaccine-ovalbumin-content)
- Flu vaccine for children: best practice guide for GPs: [Flu vaccine for children: best practice guide for GPs - GOV.UK \(www.gov.uk\)](https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/94422/flu-vaccine-for-children-best-practice-guide-for-gps)