



North Central London
Clinical Commissioning Group

Influenza Vaccination Programme 2021/22

GP Practice Toolkit

Version 0.6

The 2020/21 NHS Annual Influenza Vaccination Programme has been the most successful in the history of the programme. Despite the pandemic, the hard work and diligence by NHS and social care providers has resulted in our best uptake levels yet.

In addition to implementing good practice identified from previous years, the 2020/21 programme was supported by new developments to information technology systems.

For the first time, a national call/recall service to support primary care and school aged provision was implemented.

In November 2020, the JCVI published advice on the use of influenza vaccines in the UK for the 2021/22 season. NHS providers delivering influenza vaccinations to health and social care professionals are encouraged to review the [JCVI advice](#) and order vaccines in line with NHS England and NHS Improvement reimbursement guidance.

Co-administration with Phase 3 COVID-19 booster programme

The COVID-19 vaccination programme: phase 3 will be delivered alongside the seasonal influenza vaccination programme, which runs each autumn. Together, the vaccinations will offer those at highest risk safe and effective protection against the risk of COVID-19 and seasonal influenza.

Co-administering the vaccine and the seasonal influenza vaccine, where possible in order to maximise efficiency for the GP practice and minimise the number of attendances required for Patients to receive these vaccinations.

It is paramount that as many eligible adults as possible take up the offer of influenza vaccination, with those at highest risk vaccinated as early as possible. An approach that therefore supports the co-administration of COVID-19 vaccinations and influenza vaccination may maximise uptake of both vaccines in the population.

- National Protocol for Covid-19 vaccines are available [here](#)
- National PGDs for covid-19 vaccines are available [here](#)
- SPS standard operating procedures can be found here:
 - [Pfizer-BioNTech](#)
 - [AstraZeneca](#)

Legal models of delivery of Flu vaccine

- National Protocol for inactivated flu vaccine available [here](#)
- National PGD for flu vaccine available [here](#)

For co-administration of flu and covid vaccine

National Protocol for covid vaccine can be followed and PSD for the flu vaccine. This will allow different names colleagues to administer the covid and flu vaccines at the same time (e.g. left arm- Covid vaccine, right arm-flu vaccine or vice versa, must document clearly)

This ES is for the Commissioner (NHSE) to commission the provision of influenza vaccinations to Patients. This ES shall be effective from **1 September 2021 to 31 March 2022**.

The aim of this ES is to protect those who are most at risk of serious illness or death should they develop influenza, by offering protection against the most prevalent strains of the influenza virus. In purpose and timing it shares many characteristics with the COVID-19 vaccination programme enhanced service 2021/22, the aim of which is to protect those who are at highest risk from serious illness or death from COVID-19, by offering protection against the most prevalent strains of coronavirus.

GP practices may be a member of a PCN Grouping to deliver COVID vaccinations in accordance with the COVID-19 Vaccination Programme. Where a GP practice is a member of a PCN Grouping it may choose to work together with the GP practices in that PCN Grouping to deliver vaccinations in accordance with this ES.

Patients eligible for vaccination under this ES are:

Included within the cohorts:	Are registered with the GP practice or frontline health and social care staff employed by:
<ul style="list-style-type: none"> • those aged 6 months to under 50 years in clinical risk groups; • pregnant women; • those aged 50 years and over; • those in long-stay residential care homes; • carers; • locum GPs; • close contacts of immunocompromised individuals; • frontline health and social care staff employed by: • registered residential care or nursing home; • registered domiciliary care provider; • a voluntary managed hospice provider; • Direct Payment (personal budgets) and/or Personal Health Budgets, such as Personal Assistants; 	<ul style="list-style-type: none"> • a registered residential care or nursing home; or • a voluntary managed hospice provider; • that are not registered with the GP practice but who elect to receive their vaccination from the GP practice. • those living in: • long-stay facilities; • nursing homes; • other long-stay health or social care facilities; or • a housebound Patient. • that are not registered with the GP practice. <p>*All frontline health and social care workers are expected to have influenza vaccination to protect those they care for.</p>

Vaccine uptake ambitions

<p>Routine programme for those at risk from influenza</p>	<ul style="list-style-type: none">• Aged 65 years and over - At least 85%, reflecting the World Health Organization (WHO) target for this group.• Aged under 65 'at risk', including pregnant women - At least 75% in all clinical risk groups• Aged 50 to 64 years – At least 75%	<p>Children's programme</p>	<ul style="list-style-type: none">• 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
<p>Reducing levels of inequality</p>	<ul style="list-style-type: none">• All ages – No group or community should have a vaccine uptake that is more than 5% lower than the national average	<p>Health and social care workers</p>	<ul style="list-style-type: none">• Frontline health care workers – 100% offer with 85% ambition <i>In addition to occupational health schemes, all frontline social care workers can access a free vaccination from their GP or local pharmacy through the complementary scheme.</i>

[National flu immunisation programme 2021 to 2022 letter - GOV.UK \(www.gov.uk\)](https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/92222/national-flu-immunisation-programme-2021-to-2022-letter.pdf)

PCN coverage targets incentivised through the Investment and Impact Fund (IIF) are detailed in the table below for each cohort.

	VI-01	VI-02	VI-03
	Percentage of patients aged 65 or over who received a seasonal influenza vaccination between 1 September and 31 March	Percentage of patients aged 18 to 64 years and in a clinical at-risk group who received a seasonal influenza vaccination between 1 September and 31 March	Percentage of children aged 2-3 who received a seasonal influenza vaccination between 1 September and 31 March
Value	40 points £9.0m	88 points £19.8m	14 points £3.2m
Thresholds	80% 86%	57% 90%	45% 82%

For more detail about the IIF incentives, including allowable Personalised Care Adjustments, coding requirements, and cohort definitions, refer to the [Investment and Impact Fund 2021/22: Guidance](#)

All providers should plan their influenza vaccine ordering to at least equal the high levels of uptake achieved in 2020/21. For frontline healthcare workers, providers should plan to achieve a 100% offer of vaccination to all appropriate staff groups. School aged influenza vaccination services should plan to achieve at least 75% uptake across all commissioned year groups.

- Set targets and review performance against these targets on a weekly basis – using clinical system (EMIS) 'search & report' toolkit
- Complete forms for staff vaccinated
- Check the accuracy of vaccination data using Immform/Pinnacle/eVacc
- Record immunisations delivered by primary schools, community pharmacists, antenatal teams and district nurses

(Monitoring) Progress

Preparation

Promotion

- For any in-practice flu sessions - confirm dates and times, plan for ensuring social distancing between patients, and agree a practice non-clinical flu champion
- Order sharps boxes, cotton wool, plasters
- Create slots for flu vaccines at various times, including after nursery for 2-3 year olds

- System for recalling patients- telephone, letter, SMS, email
- Send targeted SMS to patients via iPlato/AccuRx
- Process for chasing up non-responders

Immunisation during Covid-19

Practices and Pharmacies should reassure individuals that the most up-to-date guidance on maintaining social distance in the waiting room (e.g. separating individuals by 1m plus where 2m is not possible) and decontamination of premises and equipment is being strictly followed in line with Public Health England (PHE) guidance on Infection Prevention and Control (IPC).

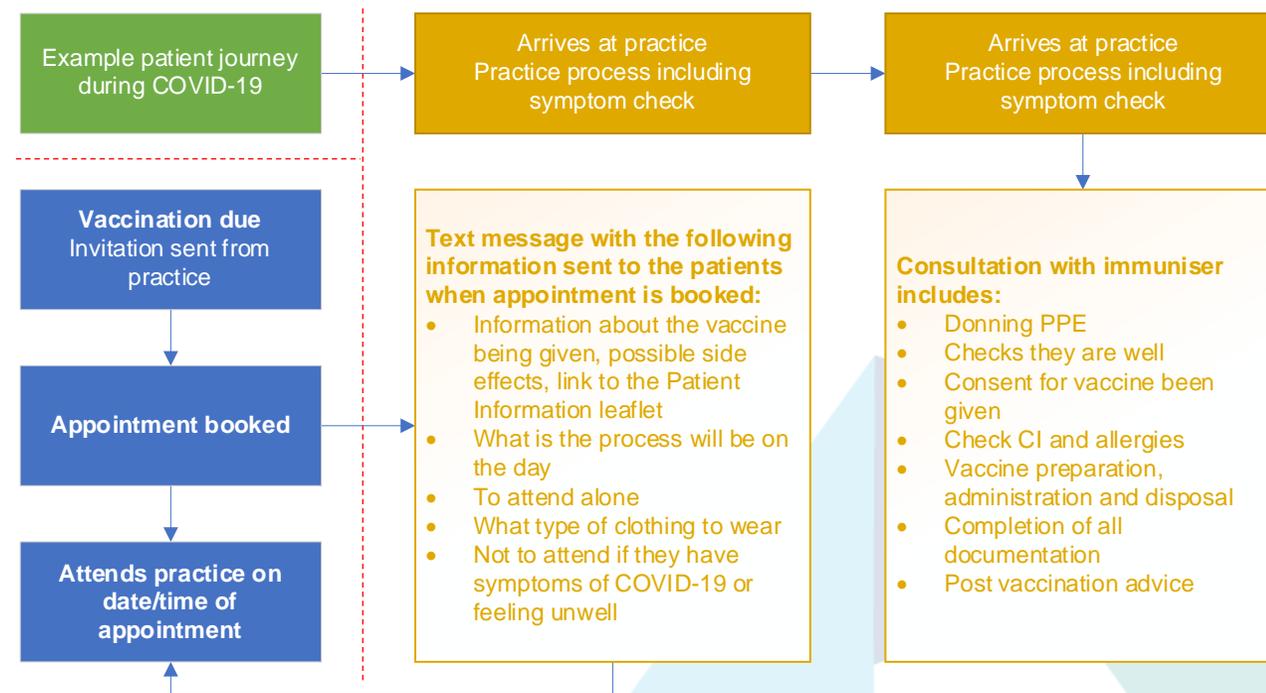
In practice, this may be achieved by adjusting appointment times to avoid waiting with others. In some areas, practices may also be working with neighbouring practices to deliver COVID-19 and non-COVID-19 activity on separate sites (please see below for additional information).

Compliance with national advice from PHE and others on preventing spread of coronavirus through appropriate infection control measures will help ensure parents, carers and pregnant women feel confident that it is safe to attend for vaccination.

Patient Journey Invitation for appointment

Standard Practice	Restoring Uptake (COVID-19)
<p>Continue with:</p> <ul style="list-style-type: none"> Robust call/recall Utilise best routes for population Consider hard to reach populations Address inequalities 	<p>Provide with invitation:</p> <ul style="list-style-type: none"> Detail on processes in the practice for immunisations or for any alternative venue Reassurance of IPC steps to limit of infection Information about COVID-19 symptoms and not attending if symptomatic <p>Consider:</p> <ul style="list-style-type: none"> Promotion on practice webpage or social media channels Telephone consultations Using text messages Scheduling appointments

The Patient Journey Reducing appointment time



All influenza vaccines marketed in the UK

Cohort	Vaccine Type	Manufacturer	Notes / Contact
Those aged 65 years and over	aQIV QIVc/QIVr (where aQIV is not available)	Seqirus	In the first instance Seqirus will contact existing customers who already have a QIVc order to facilitate any amends.
At-risk adults, including pregnant women, aged 18 to less than 65 years	QIVc/QIVr QIVe (where QIVc or QIVr is not available)	Mylan	Mylan have some doses of QIVe available that can be used for this cohort. Please contact their flu customer services team who will be able to help you place your order on: Freephone: 0800 358 7468 E-mail: flu@mylan.com
		Sanofi Pasteur	Sanofi Pasteur will be fulfilling current orders for the 2021/2022 season with QIVe or QIVr (Supemtek), you can contact Sanofi Pasteur with any questions around current or future orders through your local representative: Vaxishop Tel: 0800 854 430 (option 1)
Those aged 50 to 64 years	QIVc/QIVr QIVe (where QIVc or QIVr is not available)	Mylan	Mylan have some doses of QIVe available that can be used for this cohort. Please contact their flu customer services team who will be able to help you place your order on: Freephone: 0800 358 7468 E-mail: flu@mylan.com
		Sanofi Pasteur	Sanofi Pasteur will be fulfilling current orders for the 2021/2022 season with QIVe or QIVr (Supemtek), you can contact Sanofi Pasteur with any questions around current or future orders through your local representative: Vaxishop Tel: 0800 854 430 (option 1)
Children aged from 6 months to 3 years	Influenza vaccines for eligible children are centrally procured by Public Health England and are supplied free of charge via ImmForm. These vaccines will NOT be reimbursed as part of the NHS Annual Influenza Vaccination Programme.		

Patient Group Direction (PGD)

LAIV

[PHE publications gateway number: GOV-9225](#)

Live attenuated influenza vaccine nasal spray suspension (LAIV) Patient Group Direction (PGD)

This PGD is for the supply and administration, or supply only, of live attenuated influenza vaccine (LAIV) nasal spray suspension (Fluenz Tetra) to children and adolescents from 2 years to under 18 years of age in accordance with the national flu immunisation programme.

This PGD is for the supply and administration, or supply only, of LAIV by registered healthcare practitioners identified in Section 3, subject to any limitations to authorisation detailed in Section 2.

Version no:	LAIV PGD V10.00
Valid from:	1 September 2021
Review date:	4 August 2021
Expiry date:	31 March 2022

Public Health England has developed this PGD to facilitate the delivery of publicly-funded immunisations in line with national recommendations.

National Protocol for inactivated influenza vaccine



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- National protocol allows appropriately registered HCP to undertake all stages of pathway.
- Alternatively, multiple persons can undertake stages in the vaccination pathway in accordance with the protocol
- Allows non registered persons to administer the flu vaccine

[PHE publications gateway number: GOV-9396](#)

National protocol for inactivated influenza vaccine

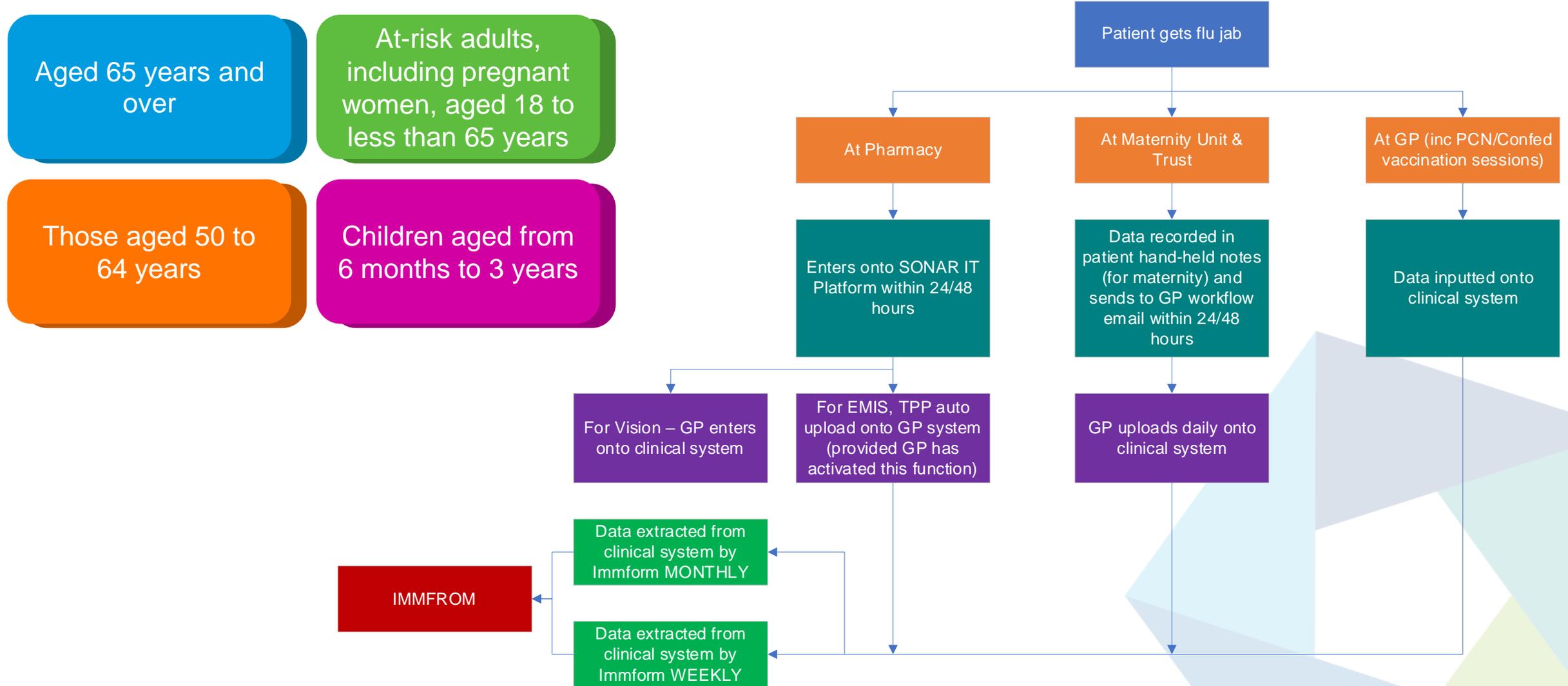
Reference no:	Inactivated influenza vaccine protocol
Version no:	v02.00
Valid from:	1 September 2021
Expiry date:	31 March 2022

This protocol is for the administration of inactivated influenza vaccine to individuals in accordance with the national influenza immunisation programme.

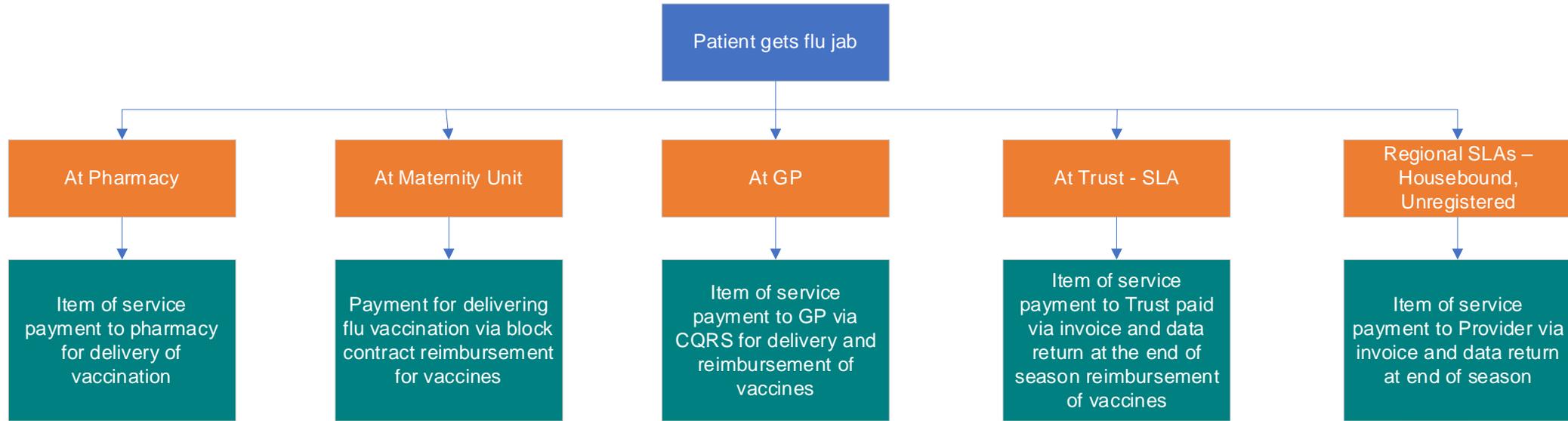
This protocol is for the administration of inactivated influenza vaccine by appropriately trained persons in accordance with [regulation 247A](#) of the [Human Medicines Regulations 2012 \(HMR 2012\)](#), inserted by [The Human Medicines \(Coronavirus and Influenza\) \(Amendment\) Regulations 2020](#).

Public Health England (PHE) has developed this protocol for authorisation by or on behalf of the Secretary of State for Health and Social Care, to facilitate the delivery of the national influenza immunisation programme commissioned by NHS England and NHS Improvement.

Flu data flow pathway



Flu funding flow pathway



[Point of Care \(PoC\)](#) systems send vital data to national systems including product and batch details and recording any adverse reaction. The data also feeds back to GP systems to link to medical records and the National Immunisation Management System (NIMS).

These systems will join Pinnacle, the system initially used by all vaccination sites to create a mixed economy of point of care applications. This allows greater choice across settings and reducing reliance on any one supplier.

Outcomes4Health (Pinnacle) was the system initially used by all vaccination sites and was commissioned centrally. The other systems, above, are being made available via the GP IT Futures framework, apart from Sonar which is going through assurance via NHS England and NHS Improvement commercial agreement (to be finalised).

They have been through NHS Digital's rigorous assurance process to ensure vaccination information is captured and flowed securely back into GP systems, onto patient records and into national management systems.

Provisional searches for Seasonal Influenza 2021-22 have now been released to the EMIS Library. Searches and protocols can be found [here](#)



Code	Description
98515100000100	Administration of first inactivated seasonal influenza vaccination
103735100000105	First inactivated seasonal influenza vaccination given by pharmacy
87175100000104	Administration of first intranasal influenza vaccination
87178100000105	Administration of second intranasal influenza vaccination
123986100000100	Seasonal influenza vaccination given in school
82293100000100	Seasonal influenza vaccination declined
95565100000100	Seasonal influenza vaccination given by other healthcare provider
95570100000108	Seasonal influenza vaccination given while hospital inpatient
106617100000108	Seasonal influenza vaccination given by midwife
94583100000105	First intramuscular seasonal influenza vaccination given by other healthcare provider
95567100000109	Second intramuscular seasonal influenza vaccination given by other healthcare provider
106618100000105	First inactivated seasonal influenza vaccination given by midwife
106619100000107	Second inactivated seasonal influenza vaccination given by midwife
103735100000105	First inactivated seasonal influenza vaccination given by pharmacist
103737100000101	Second inactivated seasonal influenza vaccination given by pharmacist

Replacement seasonal flu vaccination coding within Outcomes4Health Message from EMIS:

We have been advised that there is an updated SNOMED CT code for incoming FHIR seasonal influenza vaccination notifications sent to EMIS Web GP systems. Up to this point, messages used the code 82285100000102 'Seasonal influenza vaccination' however an updated code will now be used - 95565100000100 'Seasonal influenza vaccination given by another healthcare provider'. Use of this code will ensure that the service is eligible under Enhanced Services (ES) or Investment and Impact Fund (IIF) specifications.

The transmission of notification messages was temporarily paused whilst this change was made with NHS Digital. In agreement with NHS Digital, Pinnacle has deployed the replacement code overnight and the transmission of messages will restart on 28th September. From this day, Pinnacle will firstly send any delayed notification messages to GP clinical systems with the updated SNOMED CT code, and these will be auto-filed on the patient record with the correct code; once the backlog of paused messages has been cleared, notifications that were sent earlier will be resent as an update for acceptance at the GP practice.



Code	Description
11934921000006109	Administration of first quadrivalent (QIV) inactivated seasonal influenza vaccination (EMIS Code)
11935111000006102	Administration of second quadrivalent (QIV) inactivated seasonal influenza vaccination (EMIS Code)
11934971000006105	First quadrivalent (QIV) inactivated seasonal influenza vaccination given by pharmacist (EMIS Code)
11935101000006100	Second quadrivalent (QIV) inactivated seasonal influenza vaccination given by pharmacist (EMIS Code)
11935021000006109	Administration of first quadrivalent (QIV) inactivated seasonal influenza vaccination given by other healthcare provider (EMIS Code)
11935071000006105	Administration of second quadrivalent (QIV) inactivated seasonal influenza vaccination given by other healthcare provider (EMIS Code)
11934931000006107	Administration of first non adjuvanted trivalent (TIV) inactivated seasonal influenza vaccination (EMIS Code)
11934951000006100	Administration of second non adjuvanted trivalent (TIV) inactivated seasonal influenza vaccination (EMIS Code)
11934981000006108	First non adjuvanted trivalent (TIV) inactivated seasonal influenza vaccination given by pharmacist (EMIS Code)
11935001000006104	Second non adjuvanted trivalent (TIV) inactivated seasonal influenza vaccination given by pharmacist (EMIS Code)
11935031000006107	Administration of first non adjuvanted trivalent (TIV) inactivated seasonal influenza vaccination given by other healthcare provider (EMIS Code)
11935091000006106	Administration of second non adjuvanted trivalent (TIV) inactivated seasonal influenza vaccination given by other healthcare provider (EMIS Code)
11934961000006103	Administration of adjuvanted trivalent (aTIV) inactivated seasonal influenza vaccination (EMIS Code)
11935081000006108	Adjuvanted trivalent (aTIV) inactivated seasonal influenza vaccination given by pharmacist (EMIS Code)
11935061000006103	Administration of adjuvanted trivalent (aTIV) inactivated seasonal influenza vaccination given by other healthcare provider (EMIS Code)

EMIS updated their system during the 2020/21 flu season so flu vaccinations can go directly into the record, but practices do need to opt in. Further information is on website: <https://digital.nhs.uk/services/electronic-notifications-from-pharmacy-to-gp-systems>

The structured information in the electronic message can be read by your system. For flu vaccinations, key information will be added directly to the patient record, without the need to manually transcribe or complete a workflow task. There are some exceptions where clinicians will need to accept the changes. Users choose to opt in to receive flu vaccination notifications in this way and instructions are available on EMIS Now.

Urgent supply of medicines notifications will be reviewed and accepted by a clinician. If you use a third-party product such as Docman for your patient document management, you will need to configure your Document Management task settings in Workflow Manager. Instructions are available on EMIS Now.

In the unlikely event that the electronic message cannot be sent, pharmacies may revert to previous processes, so practice teams should continue to check for notifications received via NHSmail or post.

Anaphylaxis information regarding Egg Allergy

The flu vaccine: This vaccine is prepared on hens eggs and may contain tiny amounts of egg protein. Recent research suggests that flu vaccines present a very low risk of anaphylaxis for people with egg allergy even when the allergy is severe (Greenhawt et al., 2012). In our view, people who have suffered severe reactions to egg (such as breathing difficulties or collapse) should have their case assessed by an allergy specialist before having the flu vaccine. This also applies to anyone with egg allergy whose asthma is difficult to control. In some cases, it may be decided that the benefits of being vaccinated outweigh the risk of a reaction. In these cases, either a 'no-egg' or 'low-egg' vaccine can be given and this is usually tolerated.

Recently a new flu vaccine has been introduced for children which is not injected but sprayed into the nose (Live Attenuated Influenza Vaccine – LAIV). This is the standardly used vaccine for the childhood flu programme. Although it contains minute quantities of egg protein, research has shown that it can be safely administered to children with egg allergy (Turner et al., 2015). However, Public Health England (an agency of the Department of Health) has advised that children with a history of **severe anaphylaxis to egg** who have required intensive care should be referred to specialists for immunisation in hospital (Public Health England, 2015). Egg-allergic children with asthma can receive LAIV if their asthma is well-controlled.

Supplier	Name of product	Vaccine type	Age indications	Ovalbumin content micrograms/dose	Contact details
AstraZeneca UK Ltd	Fluenz® Tetra	Quadrivalent LAIV (live attenuated influenza vaccine) supplied as nasal spray suspension	From 24 months to less than 18 years of age	Less than 0.024 micrograms per 0.2 ml dose	0845 139 0000
MASTA	Quadrivalent Influenza vaccine	QIVe (standard egg grown quadrivalent influenza vaccine), split virion, inactivated	From 6 months	Equal to or less than 0.05 micrograms per 0.5 ml dose	0113 238 7552
Sanofi Pasteur Vaccines	Quadrivalent Influenza vaccine	QIVe (standard egg- grown quadrivalent Influenza vaccine), split virion, inactivated	From 6 months	Equal to or less than 0.05 micrograms per 0.5 ml dose	0800 854 430
Viatrix (formerly Mylan)	Quadrivalent Influvac® sub-unit Tetra	QIVe (standard egg- grown quadrivalent Influenza vaccine), surface antigen, inactivated	From 3 years	Equal to or less than 0.1 micrograms per 0.5 ml dose	0800 358 7468
Seqirus UK Ltd	Flucelvax® Tetra	QIVc (cell-grown quadrivalent Influenza vaccine), surface antigen, inactivated	From 2 years	Egg-free	08457 451 500
Sanofi Pasteur Vaccines	Supemtek	QIVr (quadrivalent Influenza vaccine (recombinant, prepared in cell culture))	From 18 years	Egg-free	0800 854 430
Seqirus UK Ltd	Fluad Tetra	aQIV (egg-grown quadrivalent Influenza vaccine), surface antigen, inactivated, adjuvanted with MF59C.1	From 65 years	Equal to or less than 1 microgram per 0.5ml dose	08457 451 500

May 2021 Update. Public Health England Gateway Number: 2021199
All influenza vaccines available in the UK for the 2021 to 2022 season



District Nurses contact

Borough	Description	Name	Email Address	Contact Number
Barnet	All flu queries will be managed directly by the District Nursing Locality Managers		CLCHT.dnservicebarnet@nhs.net	
	CBU Manager	Jemimah Kefas	j.kefas@nhs.net	
	North Locality	Natalie Townsend (interim)		07813 883 837
	West Locality	Olayinka Alo (interim)		07771 395 755
	South Locality	Kelly Wrangham		07960 318 208
Enfield	Housebound Service Contact		beh-tr.houseboundvaccination@nhs.net	
Islington	Housebound service contact	Ruta Habtom	r.habtom1@nhs.net	
Haringey	Housebound service contact	Sarah Barron (Federated4Health)	sarah.barron2@nhs.net	
Camden	Housebound service contact	Oluwakemi Ologbon-ori (also known as Kemi)	oluwakemi.ologbon-ori@nhs.net	07725 642 008