

Patient Group Direction

For health professionals legally permitted to operate under a PGD

Administration of

INACTIVATED INFLUENZA VACCINE (INJECTABLE) to individuals aged 6 months and upwards

(EXCLUDES LIVE ATTENUATED INTRANASAL VACCINE)

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It is the responsibility of the person using this PGD to ensure that they are using the most recent issue.

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1. Clinical condition to which the patient group direction applies

Indication	Active immunisation against disease caused by influenza virus in line with Scottish Government immunisation programme and JCVI advice/recommendations as set out in Green Book Chapter 19 and subsequent correspondence/publications from Scottish Government.
Inclusion criteria	Valid consent to treatment according to NHS Fife policy Influenza vaccine should be offered to individuals defined as eligible in accordance with Scottish Government's seasonal influenza vaccination programme 2023-2024 as set out in Scottish
	Government seasonal influenza immunisation programme letter. This includes:
	Individuals aged 50 years or above on 31 March 2024.
	 Individuals aged six months to under 50 years in clinical risk groups identified in Green Book Chapter 19.
	Pregnant women at any stage of pregnancy (first, second or third trimester), irrespective if received influenza vaccine in a previous pregnancy
	Individuals in whom live attenuated intranasal influenza vaccine is not suitable
	Household contacts of immunosuppressed individuals
	Individuals with an underlying disease where the risk from influenza infection may exacerbate their condition or result in serious illness from influenza itself.
	 Individuals experiencing substance misuse and those who are homeless, including all those in temporary accommodation and rough sleepers.
	 Those living in long stay residential care homes or other long stay care facilities where rapid spread is likely to follow introduction of infection and cause high morbidity and mortality (this does not include university halls of residence etc).
	• Those who are in receipt of carer's allowance or unpaid carers and young carers, defined as, someone who, without payment provides help and support to a partner, child, relative, friend or neighbour, who could not manage without their help. This could be due to age, physical or mental illness, addiction or disability. A young carer is a child or young person under the age of 18 carrying out significant caring tasks and assuming a level of responsibility for another person, which would normally be taken by an adult.
	Health care workers who are directly involved in delivering care.
	 Social care workers who provide direct personal care in the following settings: residential care for adults; children's residential and secure care for children; or



community care for persons at home including housing support and personal assistants.

- NHS Independent contractors and support staff (GP, dental, optometry practices, community pharmacies and non-NHS laboratory staff (if working on COVID-19 testing) and support staff.
- Nursery, Primary and Secondary School Teachers and support staff (pupil facing).
- Prison population
- Prison officers/support staff delivering direct detention services

Exclusion criteria

No valid consent to treatment according to NHS Fife policy

Individuals who:

- · Are aged under 6 months.
- Have had a confirmed anaphylactic reaction to a previous dose of influenza vaccine.
- Have had a confirmed anaphylactic reaction to any component of influenza vaccine.
 Different brands may contain traces of neomycin, gentamicin, kanamycin, polymixin B, formaldehyde and other excipients practitioners must check the marketing authorisation holder's SmPC for the particular brand.
- Have a history of confirmed anaphylactic reaction to eggs/egg product or chicken proteins such as ovalbumin where vaccine was produced using eggs.
- Have a history of severe (i.e. anaphylactic) reaction to latex where vaccine is not latex free.
- Are suffering from an acute febrile illness (the presence of a minor infection is not a contraindication for immunisation).

Cautions / Circumstances when further advice should be sought from a doctor

- The Green Book advises that there are very few individuals who cannot receive inactivated influenza vaccine. Where there is doubt, rather than withholding vaccination, appropriate advice should be sought from the relevant specialist, or from the local immunisation or health protection team.
- The presence of a neurological condition is not a contraindication to immunisation but if there is evidence of current neurological deterioration, deferral of vaccination may be considered, to avoid incorrect attribution of any change in the underlying condition. The risk of such deferral should be balanced against the risk of the preventable infection, and vaccination should be promptly given once the diagnosis and/or the expected course of the condition becomes clear.
- Syncope (fainting) can occur following, or even before, any vaccination especially in adolescents as a psychogenic response to the needle injection. This can be accompanied by several neurological signs such as transient visual disturbance, paraesthesia and tonic-



	 clonic limb movements during recovery. It is important that procedures are in place to avoid injury from faints. It is the responsibility of the designated, authorised staff using this PGD to ensure that treatment with the drug detailed in this direction is appropriate. If in any doubt, advice should be sought and recorded before the drug is administered / supplied. Minor illnesses without fever or systemic upset are not valid reasons to postpone immunisation
Action if excluded	Do not use the PGD Cracialist advise must be equal to a the vaccine and size materials under which it could be
	Specialist advice must be sought on the vaccine and circumstances under which it could be given. Immunisation using a patient specific direction may be indicated. The risk to the individual of not being immunised must be taken into account.
	Document the reason for exclusion and any action taken in accordance with local procedures
	Inform or refer to the clinician in charge at the clinic as appropriate.
	In case of postponement due to acute severe febrile illness, advise when the individual can be vaccinated and ensure another appointment is arranged.
Action if patient declines treatment	 Advise the individual about the protective effects of the vaccine, the risks of infection and potential complications of disease. Advise how future immunisation may be accessed if they subsequently decide to receive the vaccine.
	 Document advice given and decision reached In NHS clinic setting, inform or refer to the clinician in charge. If further advice is required, discuss with Consultant in Public Health as appropriate

2. Medication Details

E. Micaio	nedication Details		
Name of medicine	 Inactivated influenza vaccine suspension in a pre-filled syringe, including: adjuvanted quadrivalent influenza vaccine ▼ (aQIV) (Seqirus vaccines) cell-based quadrivalent influenza vaccine ▼ (QIVc) (Seqirus vaccines) Eligible Group and current recommended influenza vaccine for national programme: 		
	Age/Group	Current recommended influenza vaccine for national programme	
	6 months to less than 2 years	Offer Cell-based quadrivalent influenza vaccine ▼ (QIVc) (Seqirus vaccines) (off label)	
	2 years to under 18 years (unsuitable for LAIV**)	Offer Cell-based quadrivalent influenza vaccine ▼ (QIVc) (Seqirus vaccines)	
	**Live Attenuated Influenza Vaccine		
	Aged 18 years to under 50 years in clinical risk group	Offer Cell-based quadrivalent influenza vaccine ▼ (QIVc) (Seqirus vaccines)	



	Aged 50-64 years (including those who are 50 years old by 31 March 2024	Offer Cell-based quadrivalent influenza vaccine ▼ (QIVc) (Seqirus vaccines)
	Aged 65 years and over (including those 64 year olds who are 65 years old by 31st March 2024	Offer Adjuvanted quadrivalent influenza vaccine ▼ (aQIV)
	Health and social care staff/workers	Offer Cell-based quadrivalent influenza vaccine ▼ (QIVc) (Seqirus vaccines)
	Carers/Unpaid/young carers	Offer Cell-based quadrivalent influenza vaccine ▼ (QIVc) (Seqirus vaccines)
	Nursery, Primary and Secondary school teachers and support staff	Offer Cell-based quadrivalent influenza vaccine ▼ (QIVc) (Seqirus vaccines)
	Prison population and Prison officers	Offer Cell-based quadrivalent influenza vaccine ▼ (QIVc) (Seqirus vaccines)
	NHS Independent contractors and support staff	Offer Cell-based quadrivalent influenza vaccine ▼ (QIVc) (Seqirus vaccines)
	appropriate for those aged 65 year	za vaccine ▼ (aQIV) should preferably be used as s and over. te for those aged under 18 years – see Fluenz Tetra
Form/Strength	Suspension for injection	
Route of administration	Intramuscular injection The preferred site for children olde upper arm. The preferred site for i	er than 12 months and adults is the deltoid area of the nfants is anterolateral thigh
		vaccine ▼ (aQIV) (Seqirus vaccines) and cell-based QIVc) (Seqirus vaccines) must only be administered via
	to-date with their scheduled INR to threshold of their therapeutic rang (equal to 23 or 25 gauge) should be applied to the site, without rubbing	on therapy, including individuals on warfarin who are up- esting and who's latest INR was below the upper e, can receive intramuscular vaccination. A fine needle be used for the vaccination, followed by firm pressure g, for at least 2 minutes. If in any doubt, consult with the g or monitoring the individuals anticoagulation therapy
	doctor familiar with the individual's intramuscular injections can be ad	s may be vaccinated intramuscularly if, in the opinion of a bleeding risk, vaccines or similar small volume lministered with reasonable safety by this route. If the atment to reduce bleeding, for example treatment for



	haemophilia, intramuscular vaccination can be scheduled shortly after such medication/treatment is administered. A fine needle (equal to 23 or 25 gauge) should be used for the vaccination, followed by firm pressure applied to the site (without rubbing) for at least 2 minutes. The individual/parent/carer should be informed about the risk of haematoma from the injection The vaccine should be visually inspected for particulate matter and discolouration prior to administration. In the event of any foreign particulate matter and / or variation of physical aspect being observed, do not administer the vaccine.
Dosage	Single dose of 0.5ml
Frequency of administration	ONE dose Children aged 6 months to less than 9 years in a clinical risk group who have not received influenza vaccine before should receive a second dose of vaccine at least 4 weeks after the first dose. Children aged six months to less than nine years who are not in clinical risk groups should be offered a single dose, even if they have not previously received influenza vaccine.
Duration of treatment including maximum/ minimum period if applicable	See Frequency of Administration
Quantity to be supplied/ administered	See Frequency of Administration
Patient advice verbal and written	Written information to be given to individual Provide manufacturer's consumer information leaflet/patient information leaflet (PIL) provided with the vaccine. Immunisation promotional material may be provided as appropriate Individual advice / follow up treatment Inform the individual/carer of possible side effects and their management Give advice regarding normal reaction to the injection e.g. sore arm is possible Advise individual to seek medical advice in case of severe adverse reaction Inform the individual that they can report suspected adverse reactions to the MHRA using the Yellow Card reporting scheme on: http://yellowcard.mhra.gov.uk In children give advice on monitoring of temperature and use of measures to lower temperature such as giving appropriate dose of paracetamol. Give general advice relating to good hygiene practice to prevent the spread of germs - always have tissues to hand, use a clean tissue to cover your mouth and nose when you cough and/or sneeze, bin any tissue after one use, wash your hands with soap and hot water or a sanitiser gel often When applicable, advise individual/parent/carer when the subsequent dose is due.
Black triangle medicine ▼	Yes, the following vaccines are ▼: Cell-based quadrivalent influenza vaccine ▼ (QIVc) (Seqirus vaccines), Adjuvanted quadrivalent influenza vaccine ▼ (aQIV) (Seqirus vaccines)



	This information was accurate at the time of writing. See product SPCs at http://www.medicines.org.uk for indication of current black triangle status.
Legal category	POM - prescription only medicine
Use outwith SPC	 Yes Adjuvanted quadrivalent influenza vaccine ▼ (aQIV) is licensed for administration to individuals aged 65 years and over. It may be administered under this PGD to those people who are 64 years old at the point of administration but who will be 65 years by 31st March 2024 in accordance with the Scottish Government seasonal influenza immunisation programme letter Cell-based quadrivalent influenza vaccine ▼ (QIVc) is licensed for administration to individuals aged two years and over. It may be administered under this PGD to those who are aged from six months to two years in accordance with the Scottish Government seasonal influenza immunisation programme letter. Vaccine should be stored according to the conditions detailed below. However, in the event of an inadvertent or unavoidable deviation of these conditions refer to pharmacy where vaccines will be assessed following HPS incident guidance. Where vaccine is assessed in accordance with these guidelines as appropriate for continued use, administration under PGD is allowed Where a vaccine is recommended off-label consider, as part of the consent process, informing the individual/parent/carer that the vaccine is being offered in accordance with
Storage requirements	 Between +2 to +8°C Contact Pharmacy for advice if stored out with +2°C to +8°C There may be circumstances when vaccines stored out with the recommended storage temperatures of +2 to +8°C can be administered providing the product has been confirmed as suitable for use by the manufacturers and Pharmacy If the vaccine has been frozen, it must not be used and pharmacy must be contacted for advice NHS Fife guidance on Storage and Handling of vaccines should be observed Transportation must be in cool-boxes that have been tested and validated for use by NHS Fife Pharmacy Store in the original packaging Ensure within expiry date In the event of an inadvertent or unavoidable deviation of these conditions, vaccine that has been stored outside the conditions stated above should be quarantined and risk assessed for suitability of continued off-label use or appropriate disposal.
Additional information	 Minor illnesses without fever or systemic upset are not valid reasons to postpone immunisation. If an individual is acutely unwell, immunisation may be postponed until they have fully recovered. Before each dose is administered the vaccine should be shaken well Inactivated Influenza vaccine can be given at the same time as other vaccines including COVID-19 vaccines. When administering at the same time as other vaccines, care should be taken to ensure that the appropriate route of injection is used for all the vaccinations. The vaccines should be given at separate sites, preferably in different limbs. If given in the same limb, they should be given at least 2.5cm apart. The site at which each vaccine was given should be noted in the individual's records.
Warnings including possible adverse reactions and management of these	 Pain, swelling, redness at the injection site, low grade fever, malaise, shivering, fatigue, headache, aching muscles and joint pain are among the commonly reported symptoms after vaccination. A small painless nodule (induration) may also appear at the injection site. These symptoms usually disappear within one to two days without treatment For full details/information on possible side effects, refer to the marketing authorisation holder's SPC



	 As with all vaccines there is a very small possibility of anaphylaxis and facilities for its management must be available In the event of a severe adverse reaction individual should be advised to seek medical advice
Identification and management of adverse reactions	 Healthcare professionals and individuals/carers should report suspected adverse reactions to the Medicines and Healthcare products Regulatory Agency (MHRA) using the Yellow Card reporting scheme on https://yellowcard.mhra.gov.uk/ Any serious adverse reaction to the vaccine should be documented in an individual's record and the individual's GP/ Clinician should also be informed.
Monitoring if required	Following immunisation patients remain under observation in line with NHS Fife policy
Additional facilities/ supplies required	 Immediate access to anaphylaxis medication as appropriate to current NHS Fife procedure for the Management of Anaphylaxis. Immediate telephone access to a Clinician Access to a BNF NHS Fife Safe and Secure Use of Medicines Policy and Procedures (SSUMPP) should be followed Adhere to hand decontamination policy Access to Immunisation against Infectious Disease (Green Book) Chapter 19 Influenza
Disposal	Sharps, vials and other vaccine equipment should be disposed of following NHS Fife policies for disposal of sharps and other harmful substances

3. Staff characteristics

Professional qualifications	The following classes of registered healthcare practitioners are permitted to administer the inactivated Influenza vaccine inj. under this PGD:
	 nurses and midwives currently registered with the Nursing and Midwifery Council (NMC) pharmacists currently registered with the General Pharmaceutical Council (GPhC) physiotherapists currently registered with the Health and Care Professions Council (HCPC) and who hold a recognised qualification in Injection Therapy
Specialist	Persons must only work under this PGD where they are competent to do so
competencies or qualifications	All practitioners operating this PGD must demonstrate appropriate knowledge and skills to work under the PGD
	All persons operating this PGD:
	must be authorised by name by their employer as an approved person under the current terms of this PGD before working to it
	must be familiar with the vaccine product and alert to changes in the manufacturers product information/summary of product information
	must be competent to undertake immunisation and to discuss issues related to immunisation to assess patients for vaccination and obtain consent
	must be competent in the correct storage of vaccines and management of the cold chain if receiving, responsible for, or handling the vaccine
	must be competent in the recognition and management of anaphylaxis or under the supervision of persons able to respond appropriately to immediate adverse reactions
	must have access to the PGD and associated online resources
	should fulfil any additional requirements defined by local policy
	have undertaken NHS Fife approved anaphylaxis management training
	have undertaken NHS Fife approved training in basic life support
	must be conversant with key issues in vaccine management (e.g. safe transport, maintaining)



	 cold-chain etc) in accordance with NHS Fife Policies It is essential that the NHS Fife approved PGD e-learning programme is accessed and completed by NHS Fife employed staff It is the responsibility of the designated authorised staff using this PGD to ensure that treatment with the vaccine detailed in the direction is appropriate. If in any doubt, advice should be sought and recorded before the vaccine is administered
	Employer The employer is responsible for ensuring that persons have the required knowledge and skills to safely deliver the activity they are employed to provide under this PGD • As a minimum, competence requirements stipulated in the PGD must be adhered to
Continued training requirements	 Maintain own professional level of competence and knowledge in this area Keep up-to-date with information on contraindications, cautions and interactions for all vaccines administered in accordance with this PGD from the BNF, SPC and PIL and refer to a doctor if necessary Annual update of anaphylaxis management according to NHS Fife Policy Annual update of training in basic life support A 2 yearly update of the PGD e-learning programme is essential for NHS Fife employed staff.

4. Referral arrangements/Audit trail

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Arrangements for referral to medical advice	The patient may be referred to a doctor at any stage, if this is necessary, in the professional opinion of the healthcare professional	
Records/Audit trail	 Enter in record date name of patient date of birth or CHI no. name and brand of vaccine batch number expiry date dose/volume quantity administered route and site of administration name of clinician providing treatment signature / individual log-on details of clinician providing treatment Record on appropriate form. Depending on the clinical setting where immunisation is undertaken, the information should be recorded manually or electronically, in the designated appropriate system. 	
References/ Resources & comments	 NHS Fife Consent Policy NHS Fife Procedure for the Management of Anaphylaxis NHS Fife Resuscitation Guidelines NHS Fife Safe and Secure Use of Medicines Policy and Procedure (SSUMPP) NMC/RPS Administration of Medicines Guidance Jan 2019 Practitioners operating the PGD must be familiar with Immunisation against Infectious Disease [Green Book] Immunisation against Infectious Disease [Green Book] chapter 19 Current edition of British National Formulary (BNF) and BNF for children Marketing authorisation holder's Summary of Product Characteristics available at 	



www.medicines.org.uk

- Educational resources for registered professionals produced by National Education for Scotland
- All relevant Scottish Government advice including the relevant CMO letter(s)
- Professional Guidance on the Administration of Medicines in Healthcare Settings 2019
- Professional Guidance on the Safe and Secure Handling of Medicines

This Patient Group Direction has been assessed for Equality and Diversity Impact



Appendix 1: Seasonal Influenza Vaccine PGDs 2023-24 - UK Licensed Influenza Vaccines

Manufacturer/ supplier	Name of product	Vaccine type	Age indication	Ovalbumin content per 0.5ml dose	Latex Formaldehyde Other	Amino- glycosides
Astra Zeneca UK Ltd	Fluenz Tetra® LAIV	Quadrivalent live attenuated influenza vaccine – nasal spray suspension	From 24 months to less than 18 years of age	≤0.024 µg (0.2ml dose)	Latex free ¹ Contains gelatin (porcine) Formaldehyde free	Gentamicin ³
Seqirus	Flucelvax Tetra ® ▼ QIVc Cell-based Quadrivalent Influenza Vaccine (Surface Antigen, Inactivated) Seqirus suspension (QIVc)	Cell grown quadrivalent influenza vaccine – surface antigen inactivated prepared in cell cultures	From 6 months (off label)	Not applicable – egg free	Latex free ² Formaldehyde free	Not applicable
Seqirus	Fluad Tetra ® ▼ aQIV Adjuvanted Quadrivalent Influenza Vaccine (Surface Antigen, Inactivated) Seqirus suspension for injection (aQIV)	Adjuvanted quadrivalent influenza vaccine – surface antigen, inactivated – adjuvanted with MF59C.1	From 65 years	≤1 µg (0.5ml dose)	Latex free ² Risk of formaldehyde residue	Kanamycin ³ Neomycin ³

Notes

None of the influenza vaccines for the 2023-24 season contain thiomersal as an added preservative.

- 1. No latex is present in the product but manufacturer is unable to confirm if latex has come into contact with the product during the manufacturing process.
- 2. None of the components of the staked needle prefilled syringe presentation that are in direct contact with the vaccine (syringe barrel, plunger and rubber stopper) are made with natural rubber latex. The needle shield contains natural rubber latex.

<u>Chapter 6 of the Green Book</u> states it is theoretically possible that latex protein from these tip caps, plungers or vial stoppers may cause allergic reactions when the vaccines are administered to latex-sensitive individuals. There is little evidence that such a risk exists and any such risk would be extremely small. The Green Book chapter states as a precaution, if an individual has a history of severe (i.e. anaphylactic) allergy to latex, vaccines supplied in vials



or syringes that contain latex should not be administered, unless the benefit of vaccination outweighs the risk of an allergic reaction to the vaccine. Where possible, an alternative latex-free vaccine that covers the same disease should be administered.

3. Cross sensitivity to aminoglycosides is common, assume potential reaction for all, if allergic response to one has been demonstrated.

Ovalbumin, latex and aminoglycoside content for vaccines are correct as at **01 August 2023**, however, these may be subject to change in manufacturing practice at any time.

Acknowledgement - this appendix has been produced based on a version produced in previous seasons by NHS Greater Glasgow and Clyde.



5. Management and monitoring of patient group direction

Patient Group Direction for the administration of

INACTIVATED INFLUENZA VACCINE (INJECTABLE)

By health professionals legally permitted to operate under a PGD to individuals aged 6 months and upwards (EXCLUDES LIVE ATTENUATED INTRANASAL VACCINE)

This patient group direction is to be read, agreed to, and signed by all healthcare professionals it applies to. One signed copy is to be given to each clinician with the original being kept on file by the line manager One signed copy should be forwarded to the appropriate lead clinician.

Healthcare Professional Agreement
I, confirm that I have read and understood the above Patient Group Direction. I confirm that I have the necessary professional registration, competence, and knowledge to apply the Patient Group Direction. I will ensure my competence is updated as necessary. I will have ready access to a copy of the Patient Group Direction in the clinical setting in which supply or administration of the medicine will take place.
I understand that it is the responsibility of the healthcare professional to act in accordance with the GPhC/NMC Guidelines for Professional Practice and Guidelines (or Guidelines,/ Code of Ethics of other Professional body) for the Administration (or Supply) of Medicines and to keep an up to date record of training and competency.
Name of clinician
Professional Category
Registration No
Name & Contractor code HB (Pharmacy/Dental/ only)
Please email a copy to Fife.pgd@nhs.scot
Is authorised to give injectable influenza vaccines (inactivated) listed under this patient group direction
Place of Work
Signature of clinician
Date
Authorised by:
Name of authorising clinician/manager
Signature
Date

If this PGD is past its review date then the content will remain valid until such time as the PGD review is complete and the new issue published