

Directed Enhanced Service Specification

Seasonal influenza and pneumococcal
polysaccharide vaccination programme 2018/19



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Directed Enhanced Service (DES) Specification

Seasonal flu and pneumococcal vaccination programme

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Equalities and health inequalities statement

"Promoting equality and addressing health inequalities are at the heart of NHS England's values. Throughout the development of the policies and processes cited in this document, we have:

- given due regard to the need to eliminate discrimination, harassment and victimisation, to advance equality of opportunity, and to foster good relations between people who share a relevant protected characteristic (as cited under the Equality Act 2010) and those who do not share it;
- given regard to the need to reduce inequalities between patients in access to, and outcomes from, healthcare services and in securing that services are provided in an integrated way where this might reduce health inequalities."

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Please be aware that all aspects of this service specification outline the requirements for this programme. As such, commissioners and practices should ensure they have read and understood all sections of this document as part of the implementation of this programme.

Practices are advised that to ensure they receive payment, particular attention should be paid to the payment and validation terms. Practices will need to ensure they understand and use the designated clinical codes as required to ensure payment.

Other formats of this document are available on request. Please send your request to: england.gpcontracts@nhs.net

1 Introduction

- 1.1 All GMS practices are expected to provide essential and those additional services they are contracted to provide to all their patients. This directed enhanced service (DES) specification outlines more specialised services to be provided. The specification of this service is designed to cover the enhanced aspects of clinical care, all of which are beyond the scope of essential services. No part of the specification by commission, omission or implication defines or redefines essential or additional services.
- 1.2 This DES¹ is directed at GP practices² delivering vaccination and immunisation services in England.
- 1.3 This DES is agreed between NHS Employers (on behalf of NHS England) and the British Medical Association (BMA) General Practitioners Committee (GPC).
- 1.4 The aim of the seasonal influenza and pneumococcal polysaccharide immunisation DES is to protect those who are most at risk of serious illness or death should they develop influenza or pneumococcal disease, by offering protection against the most prevalent strains of influenza virus and against 23 serotypes of *S. pneumoniae*.
- 1.5 Where a practice agrees to participate in this DES, they must deliver vaccinations to eligible patients for both the seasonal influenza and pneumococcal vaccination programmes. The arrangements to deliver this DES supersede any previous local agreements.

Part one – pneumococcal polysaccharide vaccination (PPV) programme

2 Background (pneumococcal)

- 2.1 Pneumococcal infection is caused by *Streptococcus pneumoniae* – a common cause of pneumonia which can also lead to invasive disease including

¹ Section 7a functions are described as 'reserved functions' which are not covered by the 'directed enhanced services delegated to CCG' category in the delegation agreement. NHS England remains responsible and accountable for the discharge of all the Section 7a functions. As this vaccination is defined as a Section 7a function, this agreement cannot be changed or varied locally.

² Reference to 'GP practice' in this specification refers to a provider of essential primary medical services to a registered list of patients under a GMS, PMS or APMS contract.

meningitis and septicaemia. Invasive disease is common in young children, who are offered protection against 13 serotypes of *S. pneumoniae* through the pneumococcal conjugate vaccination (PCV13) programme. Children under two years are covered by the Statement of Financial Entitlements (SFE)³. In older children and adults, severe pneumococcal infection predominantly affects those with underlying conditions and the elderly.

- 2.2 This specification for commissioners is to commission routine seasonal influenza and pneumococcal polysaccharide vaccinations (PPV). The pneumococcal element of this DES is effective from 1 April 2018 to 31 March 2019. The patients eligible for pneumococcal vaccination under this DES are those who are previously unvaccinated with PPV23 since aged two, who are:
- a. aged 65 and over.
 - b. aged two to 64 years and defined as at-risk in the Green Book⁴.
- Patients eligible for vaccination under this DES are also outlined at annex A.
- 2.3 The vaccine used against pneumococcal disease in those aged two and over is the 23-valent plain pneumococcal polysaccharide vaccine – PPV23. Adults previously unvaccinated with PPV23 aged 65 and over should be offered a single dose of PPV23 (except where booster doses are being given, see annex A). Children aged two and over but only adults in a clinical risk group who have not previously received a PPV23 vaccination should also be offered a single dose of PPV23 (some groups require booster doses, see annex A).
- 2.4 Due to vaccine supply constraints, practices are requested to vaccinate eligible patients throughout the year rather than in line with the seasonal influenza vaccination programme to ensure a consistent flow of vaccine availability throughout the year. Practices are advised to vaccinate on this basis until further notice⁵.
- 2.5 PPV23 is not repeated annually, therefore only one dose is required, except for individuals with no spleen, splenic dysfunction or chronic renal disease who will require boosters at five year intervals. Practices should contact their commissioner to reach local agreement on the re-vaccination of these

³ SFE. <https://www.gov.uk/government/publications/nhs-primary-medical-services-directions-2013>

⁴ This is also included as Annex B of this service specification.

⁵ PHE vaccine update. 275. February 2018. <https://www.gov.uk/government/collections/vaccine-update#2018>

patients. Where local agreement has been reached, commissioners can manually adjust achievement on the Calculating Quality Reporting Service (CQRS) to facilitate payment.

- 2.6 Further details on the background, dosage, timings and administration of the vaccination can be found in the Green Book⁶.

3 Aims (pneumococcal)

- 3.1 The aim of this DES is to support commissioners in delivering seasonal influenza and pneumococcal polysaccharide vaccinations with GP practices in order to protect patients who are at increased risk of severe complications of the influenza and pneumococcal diseases.

4 Process (pneumococcal)

- 4.1 The pneumococcal element of this DES begins on 1 April 2018 until 31 March 2019.
- 4.2 Commissioners will seek to invite GP practices to participate in this DES before 30 April 2018. Practices who participate in this DES should respond to the commissioners' offer no later than 30 June 2018. This agreement should be recorded in writing with their commissioner.
- 4.3 Payment and activity recording will be managed by the CQRS and participating practices are required to sign-up to CQRS at the same time they accept the offer to participate in the DES – no later than 30 June 2018⁷.
- 4.4 Where a practice agrees to participate in this DES, they will be expected to deliver vaccinations to eligible patients for both the seasonal influenza and PPV programmes.

5 Service specification (pneumococcal)⁸

- 5.1 The requirements for GP practices participating in the pneumococcal DES are outlined within this section and section 12 covers the seasonal influenza

⁶ DH. Green Book. Chapter 25. <https://www.gov.uk/government/collections/immunisation-against-infectious-disease-the-green-book>

⁷ Practices will be required to sign-up to CQRS in order for payment to be calculated and processed.

⁸ Commissioners and practices should ensure they have read and understood all sections of this document as part of the implementation of this programme and to ensure accurate payment.

requirements of the DES.

5.2 Provide pneumococcal polysaccharide vaccination to all eligible patients registered at the GP practice; unless contra-indicated.

- a. Eligible patients are those who are previously unvaccinated with PPV23 since aged two, registered with the practice, who are:
 - i. aged 65 and over.
 - ii. aged two years and over but adults aged up to 64 years defined as at-risk in the Green Book⁹.
- b. Patients should be vaccinated on either:
 - i. a proactive call basis, if not considered at-risk, or
 - ii. a proactive call and recall basis, if considered at-risk.
- c. Immunisation is contra-indicated where the patient has previously had a confirmed anaphylactic reaction to a previous dose of the vaccine, or to any component of the vaccine.
- d. Vaccination must be delivered during the period of this DES, between 1 April 2018 and 31 March 2019.
- e. Vaccination is with a single dose of the vaccine. Boosters are required at five yearly intervals in individuals with no spleen, splenic dysfunction or chronic renal disease as outlined in Green Book. Practices should contact their commissioner to reach local agreement on the re-vaccination of these patients. Where local agreement has been reached, the commissioner can manually adjust achievement on CQRS to facilitate payment.

5.3 Take all reasonable steps to ensure that the medical records of patients receiving the pneumococcal vaccination are kept up-to-date with regard to the immunisation status and in particular, include:

- a. any refusal of an offer of immunisation.
- b. where an offer of immunisation was accepted and:
 - i. details of the informed consent to the immunisation,
 - ii. the batch number, expiry date and title of the vaccine,
 - iii. the date of administration,
 - iv. when two or more vaccines are administered in close succession

⁹ This is also included as Annex B of this service specification.

the route of administration and the injection site of each vaccine,

- v. any contra-indication to the vaccination or immunisation,
- vi. any adverse reactions to the vaccination or immunisation¹⁰.

5.4 Ensure that all healthcare professionals who are involved in administering the vaccine have:

- a. referred to the clinical guidance available.
- b. the necessary experience, skills and training, including training with regard to the recognition and initial treatment of anaphylaxis.

5.5 Ensure all orders of vaccine are in line with national guidance, including adherence to any limits on stocks to be held at any one time. The recommended pneumococcal vaccine for patients aged 65 and over and for children and adults in the clinical risk groups aged two to 64, administered as a single dose is confirmed in the Green Book.

5.6 Ensure that all vaccines are stored in accordance with the manufacturer's instructions and that all refrigerators in which vaccines are stored have a maximum/minimum thermometer and that the readings are taken and recorded from that thermometer on all working days and that appropriate action is taken when readings are outside the recommended temperature.

5.7 Services will be accessible, appropriate and sensitive to the needs of all service users. No eligible patient shall be excluded or experience particular difficulty in accessing and effectively using this DES due to a protected characteristic, as outlined in the Equality Act (2010) – this includes race, gender, disability, sexual orientation, trans status, religion and/or age.

5.8 Practices will monitor and report activity information via ImmForm on a monthly basis as per the national uptake surveys for influenza and PPV uptake. This information will be used by NHS England and PHE for monitoring uptake achievement and national reporting.

5.9 Practices who agree to participate in this DES will be required to indicate acceptance on CQRS to enable CQRS to calculate the monthly payment achievement data.

¹⁰ This should be reported via the yellow card scheme. <https://yellowcard.mhra.gov.uk/>

- 5.10 **Practices will be required to input data manually into CQRS until GPES is available.** The clinical codes which must be used to record activity are available in the document “technical requirements for 2018/19 GMS contract changes”¹¹.
- 5.11 **Where the patient has indicated they wish to receive the vaccination but is physically unable to attend the practice** (for example is housebound) the practice must make all reasonable effort to ensure the patient is vaccinated.

6 Monitoring (pneumococcal)

- 6.1 Commissioners will monitor services and calculate payments under this DES using CQRS¹², wherever possible. GPES will provide information, using the defined clinical codes, on the number of patients on the practices registered list, who are aged 65 and over, or aged two to 64 years and defined as at-risk in the Green Book and who are recorded as being vaccinated against PPV during the period 1 April 2018 to 31 March 2019.
- 6.2 Practices will be required to manually input data into CQRS, until such time as GPES¹³ is available to conduct electronic data collections. For information on how to manually enter data into CQRS, see the NHS Digital website¹⁴.
- 6.3 When GPES is available, each GPES data collection will capture data for all payment and management information counts and report on activities from the start of the reporting period e.g. 1 April to the end of the relevant reporting month. The reporting month will be the month prior to the month in which the collection is run e.g. if the collection month is May, the reporting month will be April.
- 6.4 When collections begin, GPES will provide to CQRS the monthly counts.
- 6.5 The ‘Technical requirements document’ contains the payment, management information and cohort counts and the clinical codes which are required for this service. The clinical codes will be used as the basis for the GPES data collection, which will allow CQRS to calculate payment and support the

¹¹ NHS Employers. Technical requirements for 2018/19 GMS contract changes. www.nhsemployers.org/vandi201819

¹² Although the seasonal influenza and pneumococcal vaccination programmes are mutually dependent, they are separate services on CQRS and GPES.

¹³ When GPES becomes available it will be communicated via NHS Digital.

¹⁴ NHS Digital. <https://digital.nhs.uk/article/279/General-Practice-GP-collections>

management information collections, when available. Practices should use the relevant clinical codes or re-code if necessary, only those included in this document and the supporting Business Rules (<http://content.digital.nhs.uk/qofesextractspecs>) will be acceptable to allow CQRS to calculate achievement and payment and for commissioners to audit payment and service delivery. Practices will therefore need to ensure that they use the relevant codes from the beginning of this service and re-code patients where necessary.

- 6.6 Supporting Business Rules will be published on the NHS Digital website¹⁵. Commissioners and practices should refer to these for the most up-to-date information on management information counts, clinical codes.

7 Payment and validation (pneumococcal)

- 7.1 Claims for payments for this programme should be made monthly, after the final completing dose has been administered. Where claims are entered manually, this should be within 12 days of the end of the month when the completing dose was administered. Where there is an automated data collection, there is a five day period following the month end to allow practices to record the previous month's activity before the collection occurs. Activity recorded after the collection period is closed (five days), will not be collected and recorded on CQRS. Practices must ensure all activity is recorded by the cut-off date to ensure payment.
- 7.2 Payment will be made by the last day of the month following the month in which the practice validates and commissioners approve the payment.
- 7.3 Payments will begin provided that the GP practice has manually entered and declared achievement, or GPES¹⁶ has collected the data and the practice has declared such data¹⁷. The first payment processed will include payment for the same period.
- 7.4 Practices who wish to participate in this DES will be required to sign up to CQRS no later than 30 June 2018.

¹⁵ NHS Digital. <http://content.digital.nhs.uk/qofesextractspecs>

¹⁶ See 'Process' section for information relating to sign-up and automated collection.

¹⁷ Practices are reminded that they are responsible for checking their 'achievement' is accurate before they 'declare' it on CQRS.

- 7.5 Payment is available to participating GP practices under this DES as an item of service payment of £9.80 per dose to eligible patients and in accordance with the 'service specification section' and provisions within this DES specification. Practices should ensure that the correct dosage is administered as clinically appropriate.
- 7.6 GP practices will only be eligible for payment for this DES in circumstances where all of the following requirements have been met:
- a. The GP practice is contracted to provide vaccine and immunisations as part of additional services.
 - b. All patients in respect of whom payments are being claimed were on the GP practices registered list at the time the vaccine was administered and all of the following apply:
 - i. The GP practice administered the vaccine to all patients in respect of whom the payment is being claimed.
 - ii. All patients in respect of whom payment is being claimed were within the cohort (as per the service specification section) at the time the vaccine was administered.
 - iii. The GP practice did not receive any payment from any other source in respect of the vaccine (should this be the case, then the commissioner may reclaim any payments as set out in annex D).
 - iv. The GP practice submits the claim within six months¹⁸ of administering the vaccine (commissioners may set aside this requirement if it considers it reasonable to do so).
- 7.7 Commissioners will be responsible for post payment verification. This may include auditing claims of practices to ensure that they meet the requirements of this DES.
- 7.8 Administrative provisions relating to payments under this DES are set out in the Annex.

Part two – seasonal influenza vaccination programme

8 Background (influenza)

- 8.1 For most healthy people, influenza is an unpleasant but usually self-limiting

¹⁸ In line with the SFE and only applicable if CQRS is not being used.

disease. However, children, older people, pregnant women and those with underlying disease are at particular risk of severe illness if they catch it. This DES covers those patients most at risk from influenza aged six months and older. Children aged two and three years are not included in this DES as these patients are covered by the childhood seasonal influenza vaccination programme¹⁹.

- 8.2 This specification is for commissioners to commission routine seasonal influenza vaccinations and PPV. The seasonal influenza element of this DES is effective from 1 September 2018 to 31 March 2019. The patients eligible for seasonal influenza vaccination under this DES are those patients:
- a. aged 65 and over on 31 March 2018,
 - b. who are pregnant,
 - c. aged six months to 64 years (excluding patients aged two and three on 31 August 2018) defined as at-risk in in annex B²⁰; and
 - d. locum GP's.
- 8.3 LAIV is recommended for the programme for patients aged two years and over but not yet 18 years of age without a valid contra-indication; it is administered as a nasal spray. The LAIV will be centrally supplied through ImmForm.
- 8.4 For children aged six months to two years and other at-risk children where LAIV is contra-indicated, practices will be centrally supplied with an alternative quadrivalent inactivated influenza vaccine (QIV).
- 8.5 For patients aged 18 years to under 65 years defined as at-risk in the Green Book NHS England recommends the QIV vaccine. For patients aged 65 years and over, NHS England recommends the adjuvanted trivalent influenza vaccine (aTIV).
- 8.6 Details of this programme and the wider seasonal influenza programme can be found in the annual flu letter and annual flu plan²¹.
- 8.7 Further details on the background, dosage, timings and administration of the

¹⁹ NHS England. Childhood influenza vaccination programme. DES specification.

<http://www.england.nhs.uk/commissioning/gp-contract/>

²⁰ Green Book. Chapter 19. <https://www.gov.uk/government/collections/immunisation-against-infectious-disease-the-green-book>

²¹ PHE. Seasonal influenza. <https://www.gov.uk/government/collections/annual-flu-programme>

vaccination can be found in the Green Book²².

9 Aims (influenza)

- 9.1 The aim of this DES is to support commissioners in delivering seasonal influenza and pneumococcal polysaccharide vaccinations with GP practices in order to protect patients who are at increased risk of severe complications of the influenza and pneumococcal diseases.
- 9.2 The target timeframe for the influenza programme is three months from 1 September 2018 to 30 November 2018 in order to achieve maximum impact²³. Those eligible should be vaccinated as soon as vaccine is available. Widespread immunisation may continue until December but where possible should be completed as soon as practical and preferably before influenza begins to circulate in the community. However, influenza can circulate well in to the following year and could still be circulating as late as March or April. This should take into account the level of flu-like illness in the community and the fact that immune response following immunisation takes about two weeks to fully develop.

10 Process (influenza)

- 10.1 The seasonal influenza element of this DES begins on 1 September 2018 until 31 March 2019.
- 10.2 Commissioners will seek to invite GP practices to participate in this DES before 30 June 2018. Practices who participate in this DES should respond to the commissioners' no later than 31 July 2018. The agreement should be recorded in writing with their commissioner.
- 10.3 Payment and activity recording will be managed by CQRS²⁴ and participating practices are required to sign-up to CQRS at the same time they accept the

²² DH. Green Book.

²³ See Appendix F of the annual flu letter for details about vaccines. Also, commissioners and practices can subscribe to the PHE 'vaccine update' newsletter. Published monthly, it contains useful updates on the latest developments in vaccines and vaccination policies and procedures.

<https://www.gov.uk/government/collections/vaccine-update>

²⁴ Further guidance relating to CQRS and GPES will be provided by NHS Digital when services are updated.

offer to participate in the DES – no later than 31 July 2018²⁵.

11 Service specification (influenza)²⁶

11.1 The requirements for GP practices participating in the seasonal influenza DES are outlined in this section and section 5 covers the pneumococcal requirements of the DES.

11.2 **Provide seasonal influenza vaccination** to all eligible patients registered at the GP practice; unless contra-indicated.

- a. Eligible patients are those who are registered at the practice, who are:
 - i. aged 65 and over.
 - ii. pregnant women.
 - iii. aged six months to 64 years (inclusive)²⁷ and defined as at-risk in annex B²⁸.
 - iv. locum GPs (to be vaccinated by the GP practice where they are registered as a patient).
- b. Patients should be vaccinated on either:
 - i. a proactive call basis, if not considered at-risk, or
 - ii. a proactive call and recall basis, if considered at-risk with the aim of maximising uptake in at-risk patients.
- c. Immunisation is contra-indicated where the patient has previously had a confirmed anaphylactic reaction to a previous dose of the vaccine, or to any component of the vaccine.
- d. Vaccination must be delivered during the period of this DES, namely between 1 September 2018 and 31 March 2019.

The target timeframe for the influenza programme is four months from 1 September 2018 to 30 November 2018 in order to achieve maximum impact. Those eligible should be vaccinated as soon as vaccine is available. Widespread immunisation may continue until December but where possible should be completed before influenza starts to circulate in the community. However, influenza can circulate

²⁵ Practices will be required to sign-up to CQRS in order for payment to be calculated and processed.

²⁶ Commissioners and practices should ensure they have read and understood all sections of this document as part of the implementation of this programme and to ensure accurate payment.

²⁷ Patients aged two and three are not included in this DES. These patients are covered by the childhood influenza vaccination programme.

²⁸ This is also included as Annex A of this DES specification.

considerably later than this and clinicians should apply clinical judgement to assess the needs of individual patients for immunisation beyond this point. This should take into account the level of flu-like illness in the community and the fact that immune response following immunisation takes about two weeks to fully develop.

- e. Vaccination must be with the appropriate vaccine and dosage^{29, 30}: Practices should ensure that the correct dosage is administered as clinically appropriate. Where two doses are required a failure to do so may render vaccination ineffective. Conversely where only one vaccination is clinically appropriate payment should not be made for a second dose.
 - i. One dose of inactivated influenza vaccine (which will be centrally supplied), is required for patients defined as at-risk aged six months and over but not two years or over at the time of vaccination.
 - ii. LAIV (which will be centrally supplied), is required for patients aged two years and over but not 18 years or over at the time of vaccination who are not contra-indicated. Where the LAIV is contra-indicated, a suitable inactivated influenza vaccine (which will also be centrally supplied) is required for patients defined as at-risk.
 - iii. One dose of inactivated influenza vaccine is recommended for all other patients eligible under this DES. Vaccines for patients aged 18 and over should be ordered direct from the manufacturers.
 - iv. Patients aged six months and over but not nine years or over at the time of vaccination, defined as at-risk and who have not received influenza vaccination previously, will require a second dose of either LAIV or inactivated influenza vaccine³¹, at least four weeks after the first dose.

11.3 Take all reasonable steps to ensure that the medical records of patients receiving the influenza vaccination are kept up-to-date with regard to the immunisation status and in particular, include:

- a. any refusal of an offer of immunisation.

²⁹ Further details on the background, dosage, timings and administration of the vaccination can be found in the tri-partite letter.

³⁰ This is also included as Annex C of this DES specification.

³¹ Practices should ensure that the patients is given an age appropriate vaccine.

- b. where an offer of immunisation was accepted and:
 - i. details of the informed consent to the immunisation,
 - ii. the batch number, expiry date and title of the vaccine,
 - iii. the date of administration,
 - iv. when two or more vaccines are administered in close succession the route of administration and the injection site of each vaccine,
 - v. any contra-indication to the vaccination or immunisation,
 - vi. any adverse reactions to the vaccination or immunisation³².

11.4 Ensure that all healthcare professionals who are involved in administering the vaccine have:

- a. referred to the clinical guidance available; and
- b. the necessary experience, skills and training, including training with regard to the recognition and initial treatment of anaphylaxis.

11.5 Ensure all orders of vaccine are in line with national guidance, including adherence to any limits on stocks to be held at any one time. The seasonal influenza vaccine for patients aged two years and over but not yet 18 or over for this programme is LAIV for all cases except where the patient is either too young or contra-indicated. For children aged six months but not yet two years and those aged four but less than 18 years defined as at-risk who are contra-indicated for LAIV, QIV will be supplied. The LAIV and QIV for this cohort should be ordered online from ImmForm as per other centrally supplied vaccines. Practices are required to order inactivated influenza vaccines for all other patients eligible for vaccination under this DES direct from the manufacturers³³.

11.6 Ensure that all vaccines are stored in accordance with the manufacturer's instructions and that all refrigerators in which vaccines are stored have a maximum/minimum thermometer and that the readings are taken and recorded from that thermometer on all working days and that appropriate action is taken when readings are outside the recommended

³² This should be reported via the yellow card scheme. <https://yellowcard.mhra.gov.uk/>

³³ The available inactivated influenza vaccines and suitable age ranges are detailed in the tri-partite letter.

temperature.

- 11.7 **Services will be accessible, appropriate and sensitive to the needs of all service users.** No eligible patient shall be excluded or experience particular difficulty in accessing and effectively using this DES due to a protected characteristic, as outlined in the Equality Act (2010) – this includes race, gender, disability, sexual orientation, trans status, religion and/or age.
- 11.8 **Practices will monitor and report activity information via ImmForm on a monthly basis.** The activity information shall include a monthly count of all eligible patients who received a seasonal influenza vaccination in the relevant month. This information will be used by NHS England and PHE for monitoring uptake achievement and national reporting.
- 11.9 **Practices who agree to participate in this DES will be required to indicate acceptance on CQRS** to enable CQRS to calculate the monthly payment achievement.
- 11.10 **Practices will be required to input data manually into CQRS until GPES is available.** The clinical codes which must be used to record activity are available in the document “Technical requirements for 2018/19 GMS contract changes”³⁴.
- 11.11 **Where the patient or parent/guardian where appropriate has indicated they/their child wish to receive the vaccination but it is physically unable to attend the practice** (for example is housebound) the practice must make all reasonable effort to ensure the patient is vaccinated.

12 Monitoring (influenza)

- 12.1 Commissioners will monitor services and calculate payments under this DES using CQRS, wherever possible³⁵. GPES will provide information, using the defined clinical codes, on the number of patients on the practices registered list, who are defined as eligible in the service specification section and who are recorded as being vaccinated against influenza during the period 1 September 2018 to 31 March 2019.

³⁴ NHS Employers. Technical requirements for 2018/19 GMS contract changes.
www.nhsemployers.org/vandi201819

³⁵ Although the seasonal influenza and pneumococcal vaccination programmes are mutually dependent, they are separate services on CQRS and GPES.

- 12.2 Practices will be required to manually input data into CQRS, until such time as GPES³⁶ is available to conduct electronic data extractions. For information on how to manually enter data into CQRS, see the NHS Digital website³⁷.
- 12.3 When GPES is available, each GPES data collection will capture data for all payment and management information counts and report on activities from the start of the reporting period e.g. 1 September to the end of the relevant reporting month. The reporting month will be the month prior to the month in which the collection is run e.g. if the collection month is October, the reporting month will be September.
- 12.4 When collections begin, GPES will provide to CQRS the monthly counts.
- 12.5 The 'Technical requirements document' contains the payment, management information and cohort counts and the clinical codes which are required for this service. The clinical codes will be used as the basis for the GPES data collection, which will allow CQRS to calculate payment and support the management information extractions, when available. Practices should use the relevant clinical codes or re-code if necessary, only those included in this document and the supporting Business Rules (<http://content.digital.nhs.uk/qofesextractspecs>) will be acceptable to allow CQRS to calculate achievement and payment and for commissioners to audit payment and service delivery. Practices will therefore need to ensure that they use the relevant codes from the beginning of this service and re-code patients where necessary.
- 12.6 Supporting Business Rules will be published on the NHS Digital website³⁸. Commissioners and practices should refer to these for the most up-to-date information on management information counts, clinical codes.

13 Payment and validation (influenza)

- 13.1 Claims for payments for this programme should be made monthly, after the final completing dose has been administered. Where claims are entered manually, this should be within 12 days of the end of the month when the completing dose was administered. Where there is an automated data

³⁶ When GPES becomes available it will be communicated via NHS Digital.

³⁷ NHS Digital. <https://digital.nhs.uk/article/279/General-Practice-GP-collections>

³⁸ NHS Digital. <http://content.digital.nhs.uk/qofesextractspecs>

collection, there is a five day period following the month end to allow practices to record the previous month's activity before the collection occurs. Activity recorded after the collection period is closed (five days), will not be collected and recorded on CQRS. Practices must ensure all activity is recorded by the cut-off date to ensure payment.

- 13.2 Payment will be made by the last day of the month following the month in which the practice validates and commissioners approve the payment.
- 13.3 Payments will begin provided that the GP practice has manually entered and declared achievement, or GPES³⁹ has collected the data and the practice has declared such data⁴⁰. The first payment processed will include payment for the same period.
- 13.4 Practices who wish to participate in this DES will be required to sign up to CQRS no later than 31 July 2018.
- 13.5 Payment is available to participating GP practices under this DES as an item of service payment of £9.80 per dose to eligible patients and in accordance with the 'service specification section' and provisions within this DES specification. Practices should ensure that the correct dosage is administered as clinically appropriate. Where two doses are required, a failure to do so may render vaccination ineffective. Conversely where only one vaccination is clinically appropriate payment should not be made for a second dose within the period 1 September 2018 to 31 March 2019.
- 13.6 GP practices will only be eligible for payment for this DES in circumstances where all of the following requirements have been met:
 - a. The GP practice is contracted to provide vaccine and immunisations as part of additional services.
 - b. All patients in respect of whom payments are being claimed were on the GP practices registered list at the time the vaccine was administered and all of the following apply:
 - i. The GP practice administered the vaccine to all patients in respect of whom the payment is being claimed.
 - ii. All patients in respect of whom payment is being claimed were within the cohort (as per the service specification section) at the

³⁹ See 'Process' section for information relating to sign-up and automated collection.

⁴⁰ Practices are reminded that they are responsible for checking their 'achievement' is accurate before they 'declare' it on CQRS.

time the vaccine was administered.

- iii. The GP practice did not receive any payment from any other source in respect of the vaccine (should this be the case, then the commissions may reclaim any payments as set out in the annex).
- iv. The GP practice submits the claim within six months⁴¹ of administering the vaccine (commissioners may set aside this requirement if it considers it reasonable to do so).

- 13.7 As the vaccine is centrally supplied for patients under 18 years, no claim for reimbursement of vaccine costs or personal administration fee apply to those vaccinations delivered to this cohort.
- 13.8 Commissioners will be responsible for post payment verification. This may include auditing claims of practices to ensure that they meet the requirements of this DES.
- 13.9 Administrative provisions relating to payments under this DES are set out in Annex D.

⁴¹ In line with the SFE and only applicable if CQRS is not being used.

Annex A: Groups included in this DES and included in the pneumococcal polysaccharide immunisation programme as defined in the Green Book

Eligible groups	Further details
Patients aged 65 years and over	“Sixty-five and over” is defined as those aged 65 years and over on 31 March 2019 (i.e. born on or before 31 March 1954).
Chronic respiratory disease aged 2 to 64 years	Asthma (only if so severe it requires continuous or frequently repeated use of systemic steroids see immunosuppression group). Chronic respiratory disease including chronic obstructive pulmonary disease (COPD), chronic bronchitis, emphysema, bronchiectasis, cystic fibrosis, interstitial lung fibrosis, pneumoconiosis and bronchopulmonary dysplasia (BPD). Children with respiratory problems caused by aspiration or a neurological condition (e.g. cerebral palsy).
Chronic heart disease aged 2 to 64 years	Congenital heart disease, hypertension with cardiac complications, chronic heart disease, chronic heart failure, individuals requiring regular medications and/or follow-up for ischaemic heart disease.
Chronic kidney disease aged 2 to 64 years	Chronic kidney disease at stages 4 and 5, nephrotic syndrome, kidney dialysis and those with kidney transplantation. (Re-immunisation is recommended every 5 years) ⁴² .
Chronic liver disease aged 2 to 64 years	Chronic liver disease, cirrhosis, biliary atresia, chronic hepatitis.
Diabetes aged 2 to 64 years	Diabetes mellitus requiring insulin or oral hypoglycaemic drugs NOT diabetes that is diet controlled.
Immunosuppression & asplenia or dysfunction of the spleen aged 2 to 64 years	Immunosuppression due to disease or treatment, chemotherapy leading to immunosuppression, bone marrow transplant, asplenia or splenic dysfunction (this also includes conditions such as homozygous sickle cell disease and coeliac syndrome that may lead to splenic dysfunction), HIV infection at all stages, multiple myeloma or genetic disorders affecting the immune system (e.g. IRAK-4, NEMO, complement deficiency) and individuals likely to be on systemic steroids for more than a month at a dose equivalent to prednisolone

⁴² For those patients requiring a PPV vaccination every five years, practice should make arrangements with their local commissioner with regards to payment. This DES only provides automatic payment for the first dose delivered.

Eligible groups	Further details
	at 20 mg or more per day (any age), or for children under 20 kg, a dose of 1 mg or more per kg per day. (Re-immunisation is recommended every five years for individuals with asplenia or splenic dysfunction).
Individuals with cochlear implants aged 2 to 64 years	It is important that immunisation does not delay the cochlear implantation.
Individuals with cerebrospinal fluid leaks e.g. following trauma or major skull surgery aged 2 to 64 years	Individuals with cerebrospinal fluid leaks e.g. following trauma or major skull surgery. Conditions related to CSF leaks including all CSF shunts.

Annex B: Groups included in this DES and included in the national influenza immunisation programme as defined in the annual flu letter and Green Book

Eligible groups	Further details
All patients aged 65 years and over	"Sixty-five and over" is defined as those aged 65 years and over on 31 March 2019 (i.e. born on or before 31 March 1954).
Chronic respiratory disease aged 6 months and over	Asthma that requires continuous or repeated use of inhaled or systemic steroids or with previous exacerbations requiring hospital admission. Chronic obstructive pulmonary disease (COPD) including chronic bronchitis and emphysema; bronchiectasis, cystic fibrosis, interstitial lung fibrosis, pneumoconiosis and bronchopulmonary dysplasia (BPD). Children who have previously been admitted to hospital for lower respiratory tract disease.
Chronic heart disease aged six months and over	Congenital heart disease, hypertension with cardiac complications, chronic heart failure, individuals requiring regular medication and/or follow-up for ischaemic heart disease.
Chronic kidney disease aged six months and over	Chronic kidney disease at stage 3, 4 or 5, chronic kidney failure, nephrotic syndrome, kidney transplantation.

Eligible groups	Further details
Chronic liver disease aged 6 months and over	Cirrhosis, biliary atresia, chronic hepatitis.
Chronic neurological disease aged six months and over	<p>Stroke, transient ischaemic attack (TIA). Conditions in which respiratory function may be compromised due to neurological disease (e.g. polio syndrome sufferers). Clinicians should offer immunisation to all patients with a learning disability⁴³.</p> <p>Clinicians should offer immunisation, based on individual assessment, to vulnerable individuals including those with cerebral palsy, multiple sclerosis and related or similar conditions; or hereditary and degenerative disease of the nervous system or muscles; or severe neurological disability.</p>
Diabetes aged 6 months and over	Type 1 diabetes, Type 2 diabetes requiring insulin or oral hypoglycaemic drugs, diet controlled diabetes.
Immunosuppression aged 6 months and over	<p>Immunosuppression due to disease or treatment, including patients undergoing chemotherapy leading to immunosuppression, bone marrow transplant, HIV infection at all stages, multiple myeloma or genetic disorders affecting the immune system (e.g. IRAK-4, NEMO, complement deficiency).</p> <p>Individuals treated with or likely to be treated with systemic steroids for more than a month at a dose equivalent to prednisolone at 20 mg or more per day (any age), or for children under 20 kg, a dose of 1 mg or more per kg per day.</p> <p>It is difficult to define at what level of immunosuppression a patient could be considered to be at a greater risk of the serious consequences of influenza and should be offered seasonal influenza vaccination. This decision is best made on an individual basis and left to the patient's clinician.</p> <p>Some immune-compromised patients may have a suboptimal immunological response to the vaccine.</p>

⁴³ Practices are advised of the importance to ensure patients with learning disabilities are vaccinated. Patients with a learning disability are included in the eligibility for payment under this DES. PHE understand the difficulty with vaccinating this group with injectable vaccines. PHE advises that LAIV is not licensed for adults so practice should attempt to vaccinate using an injectable vaccine. Previously, it has been found that LAIV is easier to use in similar patients and is less distressing. However, in the event that an injectable vaccine is not appropriate, GP's can use their clinical discretion to use the LAIV vaccine off license.

Eligible groups	Further details
Asplenia or dysfunction of the spleen aged six months and over	This also includes conditions such as homozygous sickle cell disease and coeliac syndrome that may lead to splenic dysfunction.
Pregnant women	Pregnant women at any stage of pregnancy (first, second or third trimesters).
Morbidly obese (class III obesity) ⁴⁴	Adults with a BMI ≥ 40 kg/m ² (adults aged 16+).
People in long-stay residential or homes	Vaccination is recommended for people 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, for instance, prisons, young offender institutions, or university halls of residence.
Carers	Those who are in receipt of a carer's allowance, or those who are the main carer of an elderly or disabled person whose welfare may be at risk if the carer falls ill.
Locum GPs	Where locum GPs wish to be vaccinated, they should be vaccinated by their own GP (<i>all other GP's and primary care staff are the responsibility of their employer as part of occupational health arrangements</i>).

PHE state that this list is not exhaustive and the clinicians should apply clinical judgement to take into account the risk of influenza exacerbating any underlying disease that a patient may have, as well as the risk of serious illness from influenza itself. Influenza vaccine should be offered in such cases even if the individual is not in the clinical risk groups specified above⁴⁵.

⁴⁴ Many of this patient group will already be eligible for vaccination due to complications of obesity that place them in another risk category.

⁴⁵ Only those patients eligible for vaccination as defined in this DES specification will be paid for under this DES.

Annex C: Vaccines and dosage

PPV programme (as defined in the Green Book)

Eligible groups	Vaccine	Dosage
2 to 4 years in clinical risk groups	PPV23	1 single dose, after an age appropriate course of PCV13
5 to 64 years in clinical risk groups	PPV23	1 single dose (Individuals with CKD, asplenia or splenic dysfunction re-immunise every 5 years)
65 and over	PPV23	1 single dose (Individuals CKD, asplenia or splenic dysfunction re-immunise every 5 years)

Seasonal influenza vaccination programme (as defined in the annual flu letter⁴⁶)

Eligible groups	Vaccine	Dosage
6 months to less than 2 years in clinical risk groups	Quadrivalent inactivated influenza vaccine (QIV)	1 dose unless first influenza vaccination in which case a second dose is recommended at least 4 weeks after the first
2 years to less than 9 years in clinical risk groups	LAIV unless contra-indicated then a suitable QIV is recommended	1 dose unless first influenza vaccination in which case a second dose is recommended at least 4 weeks after the first
9 years to less than 18 years in clinical risk groups	LAIV unless contra-indicated then a suitable QIV is recommended	1 dose
18 years and over in clinical risk groups	QIV	1 dose
65 years and over	Adjuvanted trivalent influenza vaccine (aTIV)	1 dose

For a list of the available inactivated vaccines, suppliers and the appropriate age indications see the tri-partite letter.

⁴⁶ PHE. Seasonal influenza. <https://www.gov.uk/government/collections/annual-flu-programme>

Annex D: Administrative provisions relating to payments under the DES for seasonal influenza and pneumococcal polysaccharide vaccination programme

1. Payments under this DES are to be treated for accounting and superannuation purposes as gross income of the GP practice in the financial year.
2. Claims for payments for this programme should be made monthly, after the final completing dose has been administered. Where claims are entered manually, this should be within 12 days of the end of the month when the completing dose was administered. Where there is an automated data collection, there is a five day period following the month end to allow practices to record the previous month's activity before the collection occurs. Activity recorded after the collection period is closed (five days), will not be collected and recorded on CQRS. Practices must ensure all activity is recorded by the cut-off date to ensure payment.
3. Payment will be made by the last day of the month following the month in which the practice validates and commissioners approve the payment.
4. Payment under this DES, or any part thereof, will be made only if the GP practice satisfies the following conditions:
 - a. the GP practice has participated in both the seasonal influenza and pneumococcal polysaccharide elements of this DES,
 - b. the GP practice must make available to commissioners any information under this DES, which the commissioner needs and the GP practice either has or could be reasonably expected to obtain,
 - c. the GP practice must make any returns reasonably required of it (whether computerised or otherwise) to the payment system or CQRS, and do so promptly and fully; and,
 - d. all information supplied pursuant to or in accordance with this paragraph must be accurate.
5. If the GP practice does not satisfy any of the above conditions, commissioners may, in appropriate circumstances, withhold payment of any, or any part of, an amount due under this DES that is otherwise payable.
6. If commissioners makes a payment to a GP practice under this DES and:
 - a. the commissioner was not entitled to receive all or part thereof, whether

because it did not meet the entitlement conditions for the payment or because the payment was calculated incorrectly (including where a payment on account overestimates the amount that is to fall due);

- b. the commissioner was entitled to withhold all or part of the payment because of a breach of a condition attached to the payment, but is unable to do so because the money has already been paid; or
- c. the commissioner is entitled to repayment of all or part of the money paid,

commissioners may recover the money paid by deducting an equivalent amount from any payment payable to the GP practice, and where no such deduction can be made, it is a condition of the payments made under this DES that the contractor must pay to the commissioner that equivalent amount.

7. Where the commissioner is entitled under this DES to withhold all or part of a payment because of a breach of a payment condition, and the commissioner does so or recovers the money by deducting an equivalent amount from another payment in accordance with paragraphs 5 and 6 of this annex, it may, where it sees fit to do so, reimburse the contractor the amount withheld or recovered, if the breach is cured.

Provisions relating to GP practices that terminate or withdraw from this DES prior to 31 March 2019 (subject to the provisions below for termination attributable to a GP practice split or merger)

8. Where a GP practice has entered into this DES but its primary medical care contract subsequently terminates or the GP practice withdraws from the DES prior to 31 March 2019, the GP practice is entitled to a payment in respect of its participation if such a payment has not already been made, calculated in accordance with the provisions set out below. Any payment calculated will fall due on the last day of the month following the month during which the GP practice provides the information required.
9. In order to qualify for payment in respect of participation under this DES, the GP practice must provide the commissioner with the information in this DES specification or as agreed with commissioners before payment will be made.

This information should be provided in writing, within 28 days following the termination of the contract or the withdrawal from the DES agreement.

10. The payment due to GP practices that terminate or withdraw from the DES agreement prior to 31 March 2019 will be based on the number of vaccinations given to eligible patients, prior to the termination or withdrawal.

Provisions relating to GP practices who merge or split

11. Where two or more GP practices merge or are formed following a contractual split of a single GP practice and as a result the registered population is combined or divided between new GP practice(s), the new GP practice(s) may enter into a new or varied agreement to provide this DES.
12. The DES agreements of the GP practices that formed following a contractual merger, or the GP practice prior to contractual split, will be treated as having terminated and the entitlement of those GP practice(s) to any payment will be assessed on the basis of the provisions of paragraph **Error! Reference source not found.** of this annex.
13. The entitlement to any payment(s) of the GP practice(s), formed following a contractual merger or split, entering into the new or varied agreement for this DES, will be assessed and any new or varied arrangements that may be agreed in writing with the commissioner, will begin at the time the GP practice(s) starts to provide such arrangements.
14. Where that new or varied agreement is entered into and the arrangements begin within 28 days of the new GP practice(s) being formed, the new or varied arrangements are deemed to have begun on the date of the new GP practice(s) being formed. Payment will be assessed in line with this DES specification as of this date.

Provisions relating to non-standard splits and mergers

15. Where the GP practice participating in the DES is subject to a split or a merger and:
 - a. the application of the provisions set out above in respect of splits or mergers would, in the reasonable opinion of the commissioner, lead to an inequitable result; or,

b. the circumstances of the split or merger are such that the provisions set out in this section cannot be applied, commissioners may, in consultation with the GP practice or GP practices concerned, agree to such payments as in NHS England's opinion are reasonable in all circumstances.