### Case Series Drug Analysis Print Name: FOI 21/740 Pneumovax

Report Run Date:09-Jul-2021Data Lock Date:08-Jul-2021 18:30:03Earliest Reaction Date:23-Nov-1979MedDRA Version:MedDRA 24.0

FOI 21/740 Pneumovax: All spontaneous UK suspected adverse drug reaction reports associated with Pneumovax up to and including the 08/07/2021

#### Name: FOI 21/740 Pneumovax

Report Run Date: 09-Jul-2021 Earliest Reaction Date: 23-Nov-1979

| Reaction Name                              | Total | Fatal |
|--|-------|-------|
| Blood disorders                            |       |       |
| Anaemias NEC                               |       |       |
| Anaemia                                    | 3     | 0     |
| Anaemias haemolytic NEC                    |       |       |
| Haemolytic anaemia                         | 1     | 0     |
| Anaemias haemolytic immune                 |       |       |
| Coombs positive haemolytic anaemia         | 1     | 0     |
| Bleeding tendencies                        |       |       |
| Increased tendency to bruise               | 1     | 0     |
| Coagulopathies                             |       |       |
| Factor VIII inhibition                     | 1     | 0     |
| Eosinophilic disorders                     |       |       |
| Eosinophilia                               | 2     | 0     |
| Haemolyses NEC                             |       |       |
| Haemolysis                                 | 2     | 0     |
| Lymphatic system disorders NEC             |       |       |
| Lymph node pain                            | 1     | 0     |
| Lymphadenitis                              | 1     | 0     |
| Lymphadenopathy                            | 26    | 0     |
| Lymphadenopathy mediastinal                | 1     | 0     |
| Marrow depression and hypoplastic anaemias |       |       |
| Aplastic anaemia                           | 1     | 0     |
| Neutropenias                               |       |       |
| Agranulocytosis                            | 1     | 0     |
| Febrile neutropenia                        | 1     | 0     |
| Neutropenia                                | 1     | 0     |
| Sickle cell trait and disorders            |       |       |
| Sickle cell anaemia with crisis            | 2     | 0     |
| Spleen disorders                           |       |       |
| Splenomegaly                               | 1     | 0     |
| Thrombocytopenias                          |       |       |
| Immune thrombocytopenia                    | 1     | 0     |
| Thrombocytopenia                           | 3     | 0     |
| Blood disorders SOC TOTAL                  | 51    | 0     |

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MedDRA Version: MedDRA 24.0 Reaction Name Fatal Total Cardiac disorders Cardiac signs and symptoms NEC Palpitations 0 9 Coronary artery disorders NEC Arteriosclerosis coronary artery 0 Coronary artery disease 0 1 Coronary artery thrombosis 0 1 Heart failures NEC Cardiac failure acute 1 1 Ventricular failure 0 1 Ischaemic coronary artery disorders 0 Angina pectoris 2 Myocardial infarction 4 3 Myocardial ischaemia Δ 1 Left ventricular failures 0 Left ventricular failure Myocardial disorders NEC Myocardial fibrosis 0 1 Noninfectious myocarditis **Myocarditis** 0 1 Noninfectious pericarditis 0 Pericarditis Pericardial disorders NEC Cardiac tamponade 0 Rate and rhythm disorders NEC 0 Bradycardia 2 0 Cardiac flutter 1 14 0 Tachycardia Supraventricular arrhythmias 0 Atrial fibrillation 3 0 Sinus tachycardia 1 0 Supraventricular tachycardia 2 Ventricular arrhythmias and cardiac arrest 0 Ventricular extrasystoles 1 Cardiac disorders SOC TOTAL 53 5

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Report Run Date: 09-Jul-2021 Data Lock Date: 08-Jul-2021 18:30:03 MedDRA Version: MedDRA 24.0 Earliest Reaction Date: 23-Nov-1979 Reaction Name Total Fatal Congenital disorders Cardiac septal defects congenital Ventricular septal defect 0 1 Haemoglobinopathies congenital Sickle cell anaemia 0 1 Renal and urinary tract disorders congenital NEC Urinary tract malformation 0 1 Congenital disorders SOC TOTAL 3 0

#### Name: FOI 21/740 Pneumovax

Report Run Date: 09-Jul-2021 Earliest Reaction Date: 23-Nov-1979

| Reaction Name                | Total | Fatal |
|------------------------------|-------|-------|
| Ear disorders                |       |       |
| Ear disorders NEC            |       |       |
| Ear congestion               | 1     | 0     |
| Ear disorder                 | 1     | 0     |
| Ear pain                     | 1     | 0     |
| Hearing losses               |       |       |
| Deafness                     | 1     | 0     |
| Deafness neurosensory        | 1     | 0     |
| Deafness unilateral          | 1     | 0     |
| Inner ear disorders NEC      |       |       |
| Meniere's disease            | 1     | 0     |
| Inner ear signs and symptoms |       |       |
| Tinnitus                     | 4     | 0     |
| Vertigo                      | 7     | 0     |
| Ear disorders SOC TOTAL      | 18    | 0     |

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|-------------------------------------|-----------------------------------|-------|-------|
| Earliest Reaction Date: 23-Nov-1979 | MedDRA Version: MedDRA 24.0       |       |       |
| Reaction Name                       |                                   | Total | Fatal |
| Endocrine disorders                 |                                   |       |       |
| Adrenal cortical hypofunctions      |                                   |       |       |
| Adrenocortical insufficiency acute  |                                   | 1     | 0     |
| Endocrine disorders SOC TOTAL       |                                   | 1     | 0     |

Name: FOI 21/740 Pneumovax

Report Run Date: 09-Jul-2021 Earliest Reaction Date: 23-Nov-1979

| Reaction Name  | Total | Fatal |
|--|-------|-------|
| Eye disorders  |       |       |
| Choroid and vitreous structural change, deposit and degeneration |       |       |
| Vitreous floaters  | 1     | C     |
| Lid, lash and lacrimal infections, irritations and inflammations |       |       |
| Swelling of eyelid   | 1     |       |
| Ocular disorders NEC   |       |       |
| Eye disorder   | 1     | 0     |
| Eye oedema   | 1     |       |
| Eye pain   | 1     |       |
| Eye swelling   | 1     |       |
| Periorbital oedema   | 2     |       |
| Vitreous disorder  | 1     |       |
| Ocular infections, inflammations and associated manifestations   |       |       |
| Eye pruritus   | 1     |       |
| Ocular hyperaemia  | 1     |       |
| Ocular nerve and muscle disorders                                |       |       |
| Eye movement disorder  | 2     |       |
| Ocular sensation disorders                                       |       |       |
| Photophobia  | 8     | 0     |
| Orbital structural change, deposit and degeneration              |       |       |
| Orbital oedema   | 1     |       |
| Pupil disorders  |       |       |
| Mydriasis  | 1     | 0     |
| Retinal, choroid and vitreous infections and inflammations       |       |       |
| Necrotising retinitis  | 1     |       |
| Scleral infections, irritations and inflammations                |       |       |
| Scleritis  | 1     | 0     |
| Visual disorders NEC   |       |       |
| Diplopia   | 1     |       |
| Photopsia  | 2     |       |
| Vision blurred   | 6     |       |
| Visual field disorders   |       |       |
| Visual field defect  | 1     |       |
| Visual impairment and blindness (excl colour blindness)          |       |       |
| Blindness  | 1     |       |
| Visual acuity reduced  | 1     |       |
| Visual impairment  | 1     |       |
| Visual pathway disorders   |       |       |
| Optic nerve disorder   | 1     |       |
| Eve disorders SOC TOTAL  | 39    |       |

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Report Run Date: 09-Jul-2021 Data Lock Date: 08-Jul-2021 18:30:03 Earliest Reaction Date: 23-Nov-1979 MedDRA Version: MedDRA 24.0 Reaction Name Total Fatal Gastrointestinal disorders Abdominal findings abnormal Abdominal mass n Acute and chronic pancreatitis Pancreatitis Colitis (excl infective) Colitis ulcerative 0 Diarrhoea (excl infective) Diarrhoea 22 0 Dyspeptic signs and symptoms 0 Dyspepsia 1 Faecal abnormalities NEC 0 Mucous stools 2 Flatulence, bloating and distension 0 Abdominal distension 2 Flatulence 0 1 Gastrointestinal and abdominal pains (excl oral and throat) 0 Abdominal pain 7 0 Abdominal pain lower 2 Abdominal pain upper 3 0 0 Abdominal tenderness 1 Gastrointestinal atonic and hypomotility disorders NEC 0 Constipation Gastrooesophageal reflux disease 2 0 Gastrointestinal signs and symptoms NEC 0 Abdominal discomfort 6 0 Anal incontinence 0 Dysphagia 1 Gastrointestinal spastic and hypermotility disorders 0 Irritable bowel syndrome Gingival haemorrhages 0 Gingival bleeding 1 Nausea and vomiting symptoms 0 Nausea 98 0 Vomiting 69 Oral soft tissue signs and symptoms 0 Lip erythema 0 Lip pain Oral mucosal blistering 0 1 0 Oral pain 1 0 Paraesthesia oral Oral soft tissue swelling and oedema 0 Lip swelling 2 0 Palatal oedema 1 Peritoneal and retroperitoneal disorders 0 Ascites 1 Peritoneal and retroperitoneal haemorrhages 0 Retroperitoneal haematoma Stomatitis and ulceration Mouth ulceration 0 4 2 0 Stomatitis Tonaue disorders Glossitis 0 1

Tongue ulceration

0

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|---|--|-------|-------|
| Reaction Name   |  | Total | Fatal |
| Gastrointestinal disorders ointestinal disorders of                 | cont'd   |       |       |
| Tongue signs and symptoms   |  |       |       |
| Swollen tongue  |  | 2     | 0     |
| Tongue blistering   |  | 2     | 0     |
| Tongue oedema   |  | 1     | 0     |
| Gastrointestinal disorders SOC TOTAL                                |  | 247   | 1     |

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| Earliest Reaction Date: 23-Nov-1979 Med Reaction Name | DRA Version: MedDRA 24.0<br>Total | Fatal |
|---|-----------------------------------|-------|
| General disorders                                     |                                   |       |
| Administration site reactions NEC                     |                                   |       |
| Administration site pain                              | 1                                 | 0     |
| Administration site rash                              |                                   | 0     |
| Administration site swelling                          |                                   | 0     |
| ,   |                                   | 0     |
| Application and instillation site reactions           |                                   | 0     |
| Application site erythema                             | 1                                 | 0     |
| Asthenic conditions                                   |                                   |       |
| Asthenia  | 37                                |       |
| Fatigue   | 47                                |       |
| Malaise   | 183                               | 8 0   |
| Body temperature altered                              |                                   |       |
| Hypothermia   | 1                                 | 0     |
| Death and sudden death                                |                                   |       |
| Death   | 2                                 | 2 2   |
| Sudden death  | 1                                 | 1     |
| Febrile disorders                                     |                                   |       |
| Pyrexia   | 302                               | 2 0   |
| Feelings and sensations NEC                           |                                   |       |
| Chills  | 95                                | 5 0   |
| Feeling abnormal                                      | 11                                | 0     |
| Feeling cold  | 13                                | 0     |
| Feeling drunk   | 1                                 |       |
| Feeling hot   | 45                                |       |
| Feeling of body temperature change                    | ç                                 |       |
| Thirst  | 1                                 | 0     |
| Gait disturbances                                     |                                   |       |
| Gait disturbance                                      | 6                                 | 6 O   |
| Gait inability  |                                   | 0     |
| Loss of control of legs                               |                                   | 0     |
| General signs and symptoms NEC                        |                                   | Ĭ     |
| Condition aggravated                                  | e                                 | 6 O   |
| Foaming at mouth                                      |                                   | 0     |
| Illness   |                                   | 7 O   |
| Induration  | e e                               |       |
| Influenza like illness                                | 67                                |       |
| Local reaction  | 153                               |       |
| Multiple organ dysfunction syndrome                   | 100                               |       |
|   | 260                               |       |
| Peripheral swelling                                   | 200                               |       |
| Screaming   | 05                                | 0     |
| Swelling  | 85                                |       |
| Swelling face<br>Inflammations                        | 5                                 | 6 0   |
|   | 50                                |       |
| Inflammation  | 53                                |       |
| Systemic inflammatory response syndrome               | Ċ                                 | 8 0   |
| Injection site reactions                              |                                   |       |
| Injected limb mobility decreased                      | 8                                 |       |
| Injection site abscess sterile                        | 1                                 | 0     |
| Injection site atrophy                                | 1                                 | 0     |
| Injection site bruising                               | 1                                 | 0     |
| Injection site discolouration                         | 2                                 | -     |
| Injection site erythema                               | 70                                | 0 0   |
| Injection site haematoma                              | 2                                 | 2 0   |
| Injection site haemorrhage                            | 1                                 | 0     |

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| Earliest Reaction Date: 23-Nov-1979 MedDRA Version: MedDRA 24. | -     |       |
|--|-------|-------|
| Reaction Name  | Total | Fatal |
| General disorders General disorders cont'd                     |       |       |
| Injection site hypersensitivity                                | 1     | C     |
| Injection site induration                                      | 6     |       |
| Injection site inflammation                                    | 66    |       |
| Injection site joint swelling                                  | 1     |       |
| Injection site joint warmth                                    | 1     | 0     |
| Injection site mass  | 9     |       |
| Injection site movement impairment                             | 3     |       |
| Injection site necrosis  | 2     |       |
| Injection site oedema  | 4     |       |
| Injection site pain  | 83    |       |
| Injection site pruritus  | 8     |       |
| Injection site rash  | 13    |       |
| Injection site reaction  | 108   |       |
| Injection site scar  | 3     |       |
| Injection site swelling  | 57    | C     |
| Injection site ulcer   | 3     | C     |
| Injection site urticaria                                       | 1     | C     |
| Injection site vesicles  | 3     | C     |
| Injection site warmth  | 17    | C     |
| Interactions   |       |       |
| Drug interaction   | 2     | C     |
| Mass conditions NEC  |       |       |
| Mass   | 3     |       |
| Nodule   | 1     | C     |
| Necrosis NEC   |       |       |
| Necrosis   | 1     | C     |
| Oedema NEC   |       |       |
| Localised oedema   | 8     |       |
| Oedema   | 13    |       |
| Oedema peripheral  | 14    | C     |
| Pain and discomfort NEC  |       |       |
| Axillary pain  | 11    |       |
| Chest discomfort   | 20    |       |
| Chest pain   | 21    | C     |
| Discomfort   | 3     |       |
| Facial pain  | 2     |       |
| Non-cardiac chest pain   | 1     |       |
| Pain   | 121   |       |
| Tenderness   | 25    | C     |
| Therapeutic and nontherapeutic responses                       |       |       |
| Adverse drug reaction  | 1     |       |
| Drug ineffective   |       |       |
| Therapeutic response decreased                                 | 1     |       |
| Therapy non-responder  | 4     |       |
| Vaccination failure  | 9     |       |
| Ulcers NEC   |       |       |
| Ulcer  | 2     |       |
| Vaccination site reactions                                     |       |       |
| Extensive swelling of vaccinated limb                          | 1     |       |
| Vaccination site bruising                                      | 2     | (     |
| Vaccination site discolouration                                | 1     | (     |
| Vaccination site discomfort                                    | 1     | (     |
| Vaccination site erythema                                      | 34    | (     |

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| Reaction Name                              | Total | Fatal |
|--|-------|-------|
| General disorders General disorders cont'd |       |       |
| Vaccination site induration                | 4     | 0     |
| Vaccination site inflammation              | 7     | 0     |
| Vaccination site irritation                | 1     | 0     |
| Vaccination site joint movement impairment | 3     | 0     |
| Vaccination site mass                      | 4     | 0     |
| Vaccination site movement impairment       | 5     | 0     |
| Vaccination site pain                      | 53    | 0     |
| Vaccination site phlebitis                 | 1     | 0     |
| Vaccination site pruritus                  | 1     | 0     |
| Vaccination site rash                      | 11    | 0     |
| Vaccination site reaction                  | 8     | 0     |
| Vaccination site scab                      | 1     | 0     |
| Vaccination site swelling                  | 42    | 0     |
| Vaccination site warmth                    | 17    | 0     |
| General disorders SOC TOTAL                | 2350  | 4     |

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| Reaction Name                            | Total | Fatal      |
|--|-------|------------|
| Hepatic disorders                        |       |            |
| Bile duct infections and inflammations   |       |            |
| Biliary colic                            | 1     | 0          |
| Cholecystitis and cholelithiasis         |       |            |
| Cholecystitis                            | 1     | 0          |
| Cholelithiasis                           | 2     | 2 0        |
| Cholestasis and jaundice                 |       |            |
| Jaundice                                 | 3     | 3 0        |
| Hepatic and hepatobiliary disorders NEC  |       |            |
| Liver disorder                           | 1     | 0          |
| Hepatic failure and associated disorders |       |            |
| Acute hepatic failure                    | 1     | 1          |
| Hepatic failure                          | 1     | 0          |
| Hepatorenal syndrome                     | 2     | 2 0        |
| Hepatic fibrosis and cirrhosis           |       |            |
| Hepatic cirrhosis                        | 1     | 1          |
| Hepatocellular damage and hepatitis NEC  |       |            |
| Hepatitis                                | 1     | 0          |
| Hepatitis chronic active                 | 1     | 0          |
| Hepatic disorders SOC TOTAL              | 15    | <u>i 2</u> |

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| Reaction Name   | Total | Fatal |
|---|-------|-------|
| Immune system disorders                                       |       |       |
| Allergic conditions NEC                                       |       |       |
| Hypersensitivity  | 43    | 0     |
| Serum sickness  | 1     | 0     |
| Allergies to foods, food additives, drugs and other chemicals |       |       |
| Allergy to vaccine  | 1     | 0     |
| Anaphylactic and anaphylactoid responses                      |       |       |
| Anaphylactic reaction   | 12    | 0     |
| Anaphylactic shock  | 5     | 1     |
| Anaphylactoid reaction  | 3     | 0     |
| Atopic disorders  |       |       |
| Seasonal allergy  | 1     | 0     |
| Blood isoimmune reactions                                     |       |       |
| Alloimmunisation  | 1     | 0     |
| Immune and associated conditions NEC                          |       |       |
| Immune system disorder  | 1     | 0     |
| Immune system disorders SOC TOTAL                             | 68    | 1     |

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Report Run Date: 09-Jul-2021 Earliest Reaction Date: 23-Nov-1979

| Reaction Name                                   | Total | Fatal |
|---|-------|-------|
| Infections Infections cont'd                    |       |       |
| Neisseria infections                            |       |       |
| Meningitis meningococcal                        | 1     | 0     |
| Meningococcal sepsis                            | 1     | 0     |
| Sepsis, bacteraemia, viraemia and fungaemia NEC | >     |       |
| Bacteraemia                                     | 1     | 0     |
| Sepsis  | 7     | 0     |
| Septic shock                                    | 2     | 2 0   |
| Skin structures and soft tissue infections      |       |       |
| Carbuncle                                       | 1     | 0     |
| Skin infection                                  | 1     | 0     |
| Subcutaneous abscess                            | 1     | 0     |
| Streptococcal infections                        |       |       |
| Meningitis pneumococcal                         | 7     | 0     |
| Pneumococcal infection                          | 4     | . 0   |
| Pneumococcal sepsis                             | 1     | 1     |
| Pneumonia pneumococcal                          | 1     | 0     |
| Pneumonia streptococcal                         | 1     | 1     |
| Tuberculous infections                          |       |       |
| Erythema induratum                              | 9     | 0     |
| Upper respiratory tract infections              |       |       |
| Laryngitis                                      | 2     |       |
| Nasopharyngitis                                 | 8     | 0     |
| Rhinitis  | 1     | 0     |
| Urinary tract infections                        |       |       |
| Urinary tract infection                         | 4     | . 0   |
| Vascular infections                             |       |       |
| Lymphangitis                                    | 3     | 0     |
| Viral infections NEC                            |       |       |
| Gastroenteritis viral                           | 1     | 0     |
| Viral infection                                 | 1     | 0     |
| Viral rash                                      | 1     | 0     |
| Infections SOC TOTAL                            | 310   | 8     |

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| Reaction Name  | Total | Fatal |
|--|-------|-------|
| Injuries   |       |       |
| Exposures associated with pregnancy, delivery and lactation        |       |       |
| Exposure during pregnancy  | 3     | 0     |
| Foetal exposure during pregnancy                                   | 2     | 0     |
| Medication errors, product use errors and issues NEC               |       |       |
| Circumstance or information capable of leading to medication error | 1     | 0     |
| Medication error   | 1     | 0     |
| Product use issue  | 1     | 0     |
| Vaccination error  | 1     | 0     |
| Wrong technique in product usage process                           | 1     | 0     |
| Nerve injuries NEC   |       |       |
| Nerve injury   | 1     | 0     |
| Non-site specific injuries NEC                                     |       |       |
| Fall   | 1     | 0     |
| Non-site specific procedural complications                         |       |       |
| Wound decomposition  | 1     | 0     |
| Off label uses   |       |       |
| Off label use  | 3     | 0     |
| Product administration errors and issues                           |       |       |
| Inappropriate schedule of product administration                   | 5     | 0     |
| Product administered at inappropriate site                         | 2     | 0     |
| Product administered to patient of inappropriate age               | 1     | 0     |
| Product administration error                                       | 3     | 0     |
| Wrong product administered   | 2     | 0     |
| Product prescribing errors and issues                              |       |       |
| Product prescribing error  | 1     | 0     |
| Skin injuries NEC  |       |       |
| Contusion  | 14    | 0     |
| Scar   | 2     | 0     |
| Vaccination related complications                                  |       |       |
| Vaccination complication   | 3     | 0     |
| Injuries SOC TOTAL   | 49    | 0     |

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| Reaction Name                                 | Total   | Fatal |
|---|---|-------|
| Investigations                                |   |       |
| Autoimmunity analyses                         |   |       |
| Antinuclear antibody positive                 |   | 1 O   |
| Bacteria identification and serology (excl my | cobacteria)   |       |
| Streptococcus test positive                   | -   | 2 0   |
| Blood gas and acid base analyses              |   |       |
| Oxygen saturation decreased                   |   | 4 C   |
| Carbohydrate tolerance analyses (incl diabet  | es)   |       |
| Blood glucose decreased                       | ,   | 1 C   |
| Blood glucose fluctuation                     |   | 1 C   |
| Blood glucose increased                       |   | 2 0   |
| Cardiac auscultatory investigations           |   |       |
| Cardiac murmur                                |   | 1 C   |
| Cell marker analyses                          |   |       |
| Prostatic specific antigen increased          |   | 1 0   |
| Chemistry analyses NEC                        |   |       |
| Inflammatory marker increased                 |   | 2 0   |
| Cholesterol analyses                          |   |       |
| High density lipoprotein decreased            |   | 1 0   |
| Coagulation and bleeding analyses             |   |       |
| Fibrin D dimer increased                      |   | 1 0   |
| International normalised ratio increased      |   | 2 0   |
| Haematological analyses NEC                   |   |       |
| Red blood cell sedimentation rate increase    | d diama d | 1 0   |
| Heart rate and pulse investigations           |   |       |
| Heart rate increased                          |   | 8 C   |
| Heart rate irregular                          |   | 2 0   |
| Immunology analyses NEC                       |   |       |
| Antibody test abnormal                        |   | 1 0   |
| Antibody test negative                        |   | 2 0   |
| Liver function analyses                       |   |       |
| Alanine aminotransferase increased            |   | 1 0   |
| Liver function test abnormal                  |   | 1 0   |
| Microbiology and serology tests NEC           |   |       |
| Seroconversion test negative                  |   | 1 0   |
| Mineral and electrolyte analyses              |   |       |
| Blood potassium increased                     |   | 1 0   |
| Physical examination procedures and organ     | system status   |       |
| Body temperature fluctuation                  |   | 1 0   |
| Body temperature increased                    | 3   | 3 0   |
| Grip strength decreased                       |   | 1 0   |
| Weight decreased                              |   | 2 0   |
| Platelet analyses                             |   |       |
| Platelet count decreased                      |   | 1 0   |
| Protein analyses NEC                          |   |       |
| C-reactive protein increased                  |   | 3 0   |
| Renal function analyses                       |   |       |
| Blood creatinine increased                    |   | 2 C   |
| Skeletal and cardiac muscle analyses          |   |       |
| Blood creatine phosphokinase increased        |   | 2 (   |
| Urinalysis NEC                                |   |       |
| Blood urine present                           |   | 1 C   |
| Protein urine present                         |   | 1 C   |
| Vascular tests NEC (incl blood pressure)      |   |       |

### Name: FOI 21/740 Pneumovax

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Investigations SOC TOTAL

| Earliest Reaction Date: 23-Nov-1979  | MedDRA Version: MedDRA 24.0 |       |       |
|--------------------------------------|-----------------------------|-------|-------|
| Reaction Name                        |                             | Total | Fatal |
| Investigations Investigations cont'd |                             |       |       |
| Blood pressure abnormal              |                             | 1     | 0     |
| Blood pressure decreased             |                             | 1     | 0     |
| Blood pressure increased             |                             | 4     | 0     |
| White blood cell analyses            |                             |       |       |
| White blood cell count increased     |                             | 4     | 0     |

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#### Name: FOI 21/740 Pneumovax

Report Run Date: 09-Jul-2021 Earliest Reaction Date: 23-Nov-1979

| Eanlest Reaction Date. 23-Nov-1979   | Meddra Version. Meddra 24.0 |       |       |
|--------------------------------------|-----------------------------|-------|-------|
| Reaction Name                        |                             | Total | Fatal |
| Metabolic disorders                  |                             |       |       |
| Appetite disorders                   |                             |       |       |
| Decreased appetite                   |                             | 32    | 0     |
| Hypophagia                           |                             | 1     | 0     |
| Diabetes mellitus (incl subtypes)    |                             |       |       |
| Diabetes mellitus                    |                             | 1     | 0     |
| Diabetes mellitus inadequate control |                             | 6     | 0     |
| Disorders of purine metabolism       |                             |       |       |
| Gout                                 |                             | 2     | 0     |
| Fluid intake increased               |                             |       |       |
| Polydipsia                           |                             | 1     | 0     |
| General nutritional disorders NEC    |                             |       |       |
| Abnormal loss of weight              |                             | 1     | 0     |
| Feeding disorder                     |                             | 1     | 0     |
| Hypoglycaemic conditions NEC         |                             |       |       |
| Hypoglycaemia                        |                             | 1     | 0     |
| Potassium imbalance                  |                             |       |       |
| Hyperkalaemia                        |                             | 1     | 0     |
| Total fluid volume decreased         |                             |       |       |
| Dehydration                          |                             | 4     | 0     |
| Total fluid volume increased         |                             |       |       |
| Fluid retention                      |                             | 1     | 0     |
| Metabolic disorders SOC TOTAL        |                             | 52    | 0     |

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Report Run Date: 09-Jul-2021 Earliest Reaction Date: 23-Nov-1979

| Earliest Reaction Date: 23-Nov-1979 Reaction Name | MedDRA Version: MedDRA 24.0 | Fatal |
|---|-----------------------------|-------|
| Muscle & tissue disorders                         |                             |       |
| Arthropathies NEC                                 |                             | -     |
| Arthritis   |                             | 5 (   |
|   |                             |       |
| Arthropathy                                       |                             |       |
| Polyarthritis                                     |                             | 5 (   |
| Seronegative arthritis                            |                             | 1 (   |
| Bone disorders NEC                                |                             |       |
| Osteonecrosis                                     |                             | 1 (   |
| Bone related signs and symptoms                   |                             |       |
| Bone pain   |                             | 2 (   |
| Bone swelling                                     |                             | 1 (   |
| Pain in jaw                                       |                             | 2 (   |
| Bursal disorders                                  |                             |       |
| Bursitis  |                             | 5 (   |
| Connective tissue disorders NEC                   |                             |       |
| Myofascitis                                       |                             | 1 (   |
| Polymyalgia rheumatica                            |                             | 3 (   |
| Joint related disorders NEC                       |                             |       |
| Joint lock  |                             | 1 (   |
| Periarthritis                                     | 1                           | 0 (   |
| Rotator cuff syndrome                             |                             | 1 (   |
| Temporomandibular joint syndrome                  |                             | 1 (   |
| Joint related signs and symptoms                  |                             |       |
| Arthralgia  | 8                           | 6 (   |
| Joint effusion                                    |                             | 1 (   |
| Joint stiffness                                   |                             | 2 (   |
| Joint swelling                                    | 1                           | 8 (   |
| Lupus erythematosus (incl subtypes)               |                             |       |
| Systemic lupus erythematosus                      |                             | 1 (   |
| Muscle infections and inflammations               |                             |       |
| Myositis  |                             | 6 (   |
| Muscle pains                                      |                             |       |
| Myalgia   | g                           | 2 (   |
| Muscle related signs and symptoms NEC             |                             |       |
| Muscle atrophy                                    |                             | 1 (   |
| Muscle disorder                                   |                             | 1 (   |
| Muscle fatigue                                    |                             | 4 (   |
| Muscle mass                                       |                             | 1 (   |
| Muscle spasms                                     |                             | 6 (   |
| Muscle swelling                                   |                             | 1 (   |
| Muscle tightness                                  |                             | 1 (   |
| Muscle twitching                                  |                             | 1 (   |
| Muscle weakness conditions                        |                             |       |
| Muscular weakness                                 | 1                           | 6 (   |
| Musculoskeletal and connective tissue condi       |                             |       |
| Limb mass   |                             | 1 (   |
| Mobility decreased                                |                             | 8 (   |
| Musculoskeletal stiffness                         |                             | 9 (   |
| Weight bearing difficulty                         |                             | .9 (  |
|   |                             | .9    |
| Musculoskeletal and connective tissue pain a      |                             | 7     |
| Back pain   |                             | 7 (   |
| Limb discomfort                                   | 1                           | 1 (   |
| Musculoskeletal chest pain                        |                             | 3 (   |
| Musculoskeletal discomfort                        |                             | 1  (  |

Name: FOI 21/740 Pneumovax

Report Run Date: 09-Jul-2021 Earliest Reaction Date: 23-Nov-1979

| Reaction Name   | Total | Fatal |
|---|-------|-------|
| Muscle & tissue disorders e & tissue disorders cont'd |       |       |
| Musculoskeletal pain                                  | 1     | 0     |
| Neck pain   | 10    | 0     |
| Pain in extremity                                     | 213   | 0     |
| Myopathies  |       |       |
| Myopathy  | 1     | 0     |
| Rhabdomyolysis  | 1     | 0     |
| Osteoarthropathies                                    |       |       |
| Osteoarthritis  | 2     | 0     |
| Rheumatoid arthropathies                              |       |       |
| Rheumatoid arthritis                                  | 4     | 0     |
| Soft tissue disorders NEC                             |       |       |
| Soft tissue disorder                                  | 1     | 0     |
| Spondyloarthropathies                                 |       |       |
| Arthritis reactive                                    | 1     | 0     |
| Synovial disorders                                    |       |       |
| Synovitis   | 1     | 0     |
| Tendon disorders                                      |       |       |
| Tendon disorder                                       | 1     | 0     |
| Muscle & tissue disorders SOC TOTAL                   | 615   | 0     |

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Report Run Date: 09-Jul-2021 Earliest Reaction Date: 23-Nov-1979

| Reaction Name   | Total | Fatal |
|---|-------|-------|
| Neoplasms   |       |       |
| Breast and nipple neoplasms malignant   |       |       |
| Intraductal proliferative breast lesion   | 1     | 0     |
| Invasive ductal breast carcinoma  | 1     | 0     |
| Lymphomas unspecified NEC   |       |       |
| Lymphoma  | 2     | 1     |
| Mesotheliomas malignant and unspecified   |       |       |
| Mesothelioma  | 1     | 0     |
| Metastases to specified sites   |       |       |
| Metastases to bone  | 1     | 0     |
| Non-small cell neoplasms malignant of the respiratory tract cell type specified |       |       |
| Lung adenocarcinoma stage IV  | 1     | 1     |
| Neoplasms SOC TOTAL   | 7     | 2     |

### Name: FOI 21/740 Pneumovax

Report Run Date: 09-Jul-2021 Earliest Reaction Date: 23-Nov-1979

| Reaction Name   | Total | Fatal |
|---|-------|-------|
| Nervous system disorders  |       |       |
| Acute polyneuropathies  |       | -     |
| Guillain-Barre syndrome   | 13    | 2     |
| Central nervous system haemorrhages and cerebrovascular accidents |       | -     |
| Cerebrovascular accident  | 6     | 2     |
| Choreiform movements  |       |       |
| Choreoathetosis   | 1     | 0     |
| Chronic polyneuropathies  |       |       |
| Chronic inflammatory demyelinating polyradiculoneuropathy         | 2     | 0     |
| Diabetic neuropathy   | 1     | 0     |
| Coordination and balance disturbances                             |       |       |
| Ataxia  | 2     | 0     |
| Balance disorder  | 3     | 0     |
| Dysstasia   | 1     | 0     |
| Cortical dysfunction NEC  |       |       |
| Aphasia   | 1     | 0     |
| Demyelinating disorders NEC                                       |       |       |
| Acute disseminated encephalomyelitis                              | 1     | 1     |
| Disturbances in consciousness NEC                                 |       |       |
| Lethargy  | 22    | 0     |
| Loss of consciousness   | 11    | 0     |
| Somnolence  | 18    | 0     |
| Stupor  | 2     | 0     |
| Syncope   | 21    | 0     |
| Dyskinesias and movement disorders NEC                            |       |       |
| Hypokinesia   | 8     | 0     |
| Movement disorder   | 2     | 0     |
| Facial cranial nerve disorders                                    |       |       |
| Facial paralysis  | 1     | 0     |
| Facial paresis  | 2     | 0     |
| Generalised tonic-clonic seizures                                 |       |       |
| Generalised tonic-clonic seizure                                  | 2     | 0     |
| Headaches NEC   |       |       |
| Cluster headache  | 1     | 0     |
| Headache  | 122   | 0     |
| Sinus headache  | 1     | 0     |
| Memory loss (excl dementia)                                       |       |       |
| Amnesia   | 1     | 0     |
| Mental impairment (excl dementia and memory loss)                 |       |       |
| Disturbance in attention  | 5     | 0     |
| Migraine headaches  |       |       |
| Migraine  | 2     | 0     |
| Migraine with aura  | 1     | 0     |
| Mononeuropathies  |       |       |
| Nerve compression   | 1     | 0     |
| Peroneal nerve palsy  | 1     | 0     |
| Motor neurone diseases  |       | Ū     |
| Motor neurone disease   | 1     | 0     |
| Multiple sclerosis acute and progressive                          | · ·   | Ū     |
| Multiple sclerosis  | 1     | 0     |
| Myelitis (incl infective)   | · ·   | U     |
| Myelitis transverse   | 1     | 0     |
| Nervous system disorders NEC                                      |       | 0     |
|   | 1     | 0     |
| Nervous system disorder   | 1     | C     |

#### Name: FOI 21/740 Pneumovax

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| Reaction Name                                | Тс         | otal             | Fatal |
|--|------------|------------------|-------|
| Nervous system disordersus system disord     | ers cont'd |                  |       |
| Neurologic visual problems NEC               |            |                  |       |
| Tunnel vision                                |            | 1                |       |
| Neurological signs and symptoms NEC          |            |                  |       |
| Dizziness                                    |            | 52               |       |
| Dizziness postural                           |            | 2                |       |
| Head discomfort                              |            | 2                |       |
| Meningism                                    |            | 1                |       |
| Myoclonus                                    |            | 1                |       |
| Neurological symptom                         |            | 1                |       |
| Presyncope                                   |            | 3                |       |
| Slow response to stimuli                     |            | 1                |       |
| Optic nerve disorders NEC                    |            | - '              |       |
| Optic neuritis                               |            | 1                |       |
| Paraesthesias and dysaesthesias              |            | 1                |       |
| Burning sensation                            |            | 7                |       |
|  |            | 7                |       |
| Hyperaesthesia                               |            | 24               |       |
| Hypoaesthesia<br>Paraesthesia                |            | 21               |       |
|  |            | 26               |       |
| Paralysis and paresis (excl cranial nerve    | e)         | 4                |       |
| Hemiparesis                                  |            | 1                |       |
| Hemiplegia                                   |            | 1                |       |
| Monoplegia                                   |            | 3                |       |
| Paralysis                                    |            | 3                |       |
| Parkinson's disease and parkinsonism         |            |                  |       |
| Cogwheel rigidity                            |            | 1                | (     |
| Parkinson's disease                          |            | 1                | (     |
| Peripheral neuropathies NEC                  |            |                  |       |
| Brachial plexopathy                          |            | 1                |       |
| Neuralgic amyotrophy                         |            | 2                |       |
| Neuritis                                     |            | 1                |       |
| Neuropathy peripheral                        |            | 1                |       |
| Polyneuropathy                               |            | 1                |       |
| Seizures and seizure disorders NEC           |            |                  |       |
| Epilepsy                                     |            | 3                | (     |
| Febrile convulsion                           |            | 1                | (     |
| Seizure                                      |            | 6                |       |
| Status epilepticus                           |            | 1                |       |
| Sensory abnormalities NEC                    |            |                  |       |
| Allodynia                                    |            | 1                |       |
| Electric shock sensation                     |            | 1                |       |
| Neuralgia                                    |            | 4                |       |
| Sensory disturbance                          |            | 4                |       |
| Sensory loss                                 |            | 2                |       |
| Speech and language abnormalities            |            |                  |       |
| Dysarthria                                   |            | 3                |       |
| Slow speech                                  |            | 1                |       |
| Speech disorder                              |            | 1                |       |
| Spinal cord and nerve root disorders NE      | -C         | '                |       |
| Radiculitis brachial                         |            | 2                |       |
| Radiculopathy                                |            | 2                |       |
|  |            | 1                |       |
| Tremor (excl congenital)                     |            | 00               |       |
| Tremor<br>Nervous system disorders SOC TOTAL |            | 22<br><b>448</b> |       |

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Report Run Date: 09-Jul-2021 Earliest Reaction Date: 23-Nov-1979

| Reaction Name                           | Тс  | otal | Fatal  |
|---|-----|------|--------|
|   | I C | nai  | i alai |
| Pregnancy conditions                    |     |      |        |
| Abortions spontaneous                   |     |      |        |
| Abortion spontaneous                    |     | 1    | 0      |
| Foetal complications NEC                |     |      |        |
| Foetal distress syndrome                |     | 1    | 0      |
| Labour onset and length abnormalities   |     |      |        |
| Premature delivery                      |     | 1    | 0      |
| Maternal complications of delivery NEC  |     |      |        |
| Complication of delivery                |     | 1    | 0      |
| Maternal complications of pregnancy NEC |     |      |        |
| Hyperemesis gravidarum                  |     | 1    | 0      |
| Neonatal hepatobiliary disorders        |     |      |        |
| Jaundice neonatal                       |     | 1    | 0      |
| Pregnancy conditions SOC TOTAL          |     | 6    | 0      |

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|--|--------------------------------------|-------|-------|
| Earliest Reaction Date: 23-Nov-1979        | MedDRA Version: MedDRA 24.0          |       |       |
| Reaction Name                              |                                      | Total | Fatal |
| Product contamination and sterility issues |                                      |       |       |
| Product contamination microbial            |                                      | 1     | 0     |
| Product quality issues NEC                 |                                      |       |       |
| Product quality issue                      |                                      | 1     | 0     |
| null SOC TOTAL                             |                                      | 2     | 0     |

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| Earliest Reaction Date: 23-Nov-1979 MedDRA Version: MedDRA 24.0 | <b>T</b> . ( ) |       |
|---|----------------|-------|
| Reaction Name   | <u>Total</u>   | Fatal |
| Psychiatric disorders   |                |       |
| Abnormal behaviour NEC  |                | -     |
| Abnormal behaviour  | 1              | 0     |
| Anxiety symptoms  |                |       |
| Agitation   | 1              | 0     |
| Anxiety   | 2              | 0     |
| Behaviour and socialisation disturbances                        |                |       |
| Paranoia  | 1              | 0     |
| Social avoidant behaviour                                       | 1              | 0     |
| Confusion and disorientation                                    |                |       |
| Confusional state   | 5              | 0     |
| Disorientation  | 5              | 0     |
| Decreased physical activity levels                              |                |       |
| Catatonia   | 1              | 0     |
| Deliria   |                |       |
| Delirium  | 2              | 0     |
| Depressive disorders  |                |       |
| Depression  | 3              | 0     |
| Dissociative states   |                |       |
| Dissociation  | 1              | 0     |
| Disturbances in initiating and maintaining sleep                |                |       |
| Insomnia  | 12             | 0     |
| Eating disorders NEC  |                |       |
| Binge eating  | 1              | 0     |
| Eating disorder   | 1              | 0     |
| Emotional and mood disturbances NEC                             |                |       |
| Anger   | 1              | 0     |
| Mood altered  | 1              | 0     |
| Hallucinations (excl sleep-related)                             |                |       |
| Hallucination   | 2              | 0     |
| Mood alterations with depressive symptoms                       |                |       |
| Depressive symptom  | 1              | 0     |
| Tearfulness   | 1              | 0     |
| Mood disorders NEC  |                |       |
| Listless  | 1              | 0     |
| Parasomnias   |                |       |
| Abnormal dreams   | 1              | 0     |
| Nightmare   | 1              | 0     |
| Psychotic disorder NEC  |                |       |
| Psychotic disorder  | 2              | 0     |
| Sleep disorders NEC   |                |       |
| Sleep disorder  | 2              | 0     |
| Psychiatric disorders SOC TOTAL                                 | 50             | Ö     |

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| Reaction Name                             | Total | Fatal |
|---|-------|-------|
| Renal & urinary disorders                 |       |       |
| Bladder and urethral symptoms             |       |       |
| Dysuria                                   | 3     | 0     |
| Incontinence                              | 1     | 0     |
| Micturition urgency                       | 1     | 0     |
| Pollakiuria                               | 3     | 0     |
| Urinary incontinence                      | 2     | 0     |
| Urinary retention                         | 1     | 0     |
| Bladder disorders NEC                     |       |       |
| Bladder obstruction                       | 1     | 0     |
| Glomerulonephritis and nephrotic syndrome |       |       |
| Focal segmental glomerulosclerosis        | 1     | 0     |
| Glomerulonephritis rapidly progressive    | 1     | 0     |
| Nephrotic syndrome                        | 3     | 0     |
| Nephritis NEC                             |       |       |
| Lupus nephritis                           | 1     | 0     |
| Tubulointerstitial nephritis              | 1     | 0     |
| Renal failure and impairment              |       |       |
| Acute kidney injury                       | 6     | 0     |
| Chronic kidney disease                    | 1     | 0     |
| Urinary abnormalities                     |       |       |
| Proteinuria                               | 1     | 0     |
| Urinary tract signs and symptoms NEC      |       |       |
| Polyuria                                  | 1     | 0     |
| Renal pain                                | 1     | 0     |
| Renal & urinary disorders SOC TOTAL       | 29    | 0     |

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| Reaction Name                                   | Total | Fatal |
|---|-------|-------|
| Reproductive & breast disorders                 |       |       |
| Breast disorders NEC                            |       |       |
| Breast mass                                     | 1     | 0     |
| Breast signs and symptoms                       |       |       |
| Breast pain                                     | 4     | 0     |
| Breast swelling                                 | 1     | 0     |
| Reproductive tract signs and symptoms NEC       |       |       |
| Genital rash                                    | 1     | 0     |
| Testicular and epididymal disorders NEC         |       |       |
| Testicular disorder                             | 1     | 0     |
| Vaginal and vulval infections and inflammations |       |       |
| Vulvovaginal inflammation                       | 1     | 0     |
| Vulvovaginal disorders NEC                      |       |       |
| Vulval ulceration                               | 1     | 0     |
| Vulvovaginal signs and symptoms                 |       |       |
| Vulvovaginal burning sensation                  | 1     | 0     |
| Vulvovaginal erythema                           | 1     | 0     |
| Reproductive & breast disorders SOC TOTAL       | 12    | 0     |

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| Reaction Name MedDRA Version: MedDRA 24.0                       | Total | Fatal  |
|---|-------|--------|
| Respiratory disorders   |       | i atai |
| Breathing abnormalities   |       |        |
| Dyspnoea  | 41    | C      |
| Dyspnoea exertional   | 1     | C      |
| Hyperventilation  | 1     | C      |
| Respiratory arrest  | 1     | C      |
| Respiratory distress  | 2     | 0      |
| Bronchial conditions NEC  | ۷     | L L    |
| Bronchiectasis  | 2     | C      |
|   | 2     | C      |
| Bronchospasm and obstruction                                    | 10    | ~      |
| Asthma  | 12    | 2      |
| Bronchospasm  | 4     | C      |
| Wheezing  | 14    | C      |
| Conditions associated with abnormal gas exchange                |       | -      |
| Нурохіа   | 1     | C      |
| Coughing and associated symptoms                                |       |        |
| Cough   | 49    | C      |
| Haemoptysis   | 1     | C      |
| Productive cough  | 6     | C      |
| Sputum discoloured  | 1     | C      |
| Lower respiratory tract inflammatory and immunologic conditions |       |        |
| Pulmonary eosinophilia  | 1     | C      |
| Lower respiratory tract signs and symptoms                      |       |        |
| Increased bronchial secretion                                   | 2     | C      |
| Pleuritic pain  | 1     | C      |
| Nasal congestion and inflammations                              |       |        |
| Nasal congestion  | 3     | C      |
| Parenchymal lung disorders NEC                                  |       |        |
| Emphysema   | 1     | C      |
| Organising pneumonia  | 1     | C      |
| Pulmonary fibrosis  | 7     | 2      |
| Pharyngeal disorders (excl infections and neoplasms)            | ,     | 2      |
| Pharyngeal swelling   | 1     | C      |
| Tonsillar inflammation  | 1     | C      |
| Pleural conditions NEC  | 1     | U      |
|   | 1     | C      |
| Pleural thickening  |       | C      |
| Pneumothorax and pleural effusions NEC                          | 0     |        |
| Pleural effusion  | 6     | C      |
| Pulmonary oedemas   |       | _      |
| Acute pulmonary oedema  | 1     | C      |
| Respiratory failures (excl neonatal)                            |       |        |
| Respiratory failure   | 1     | 1      |
| Respiratory tract disorders NEC                                 |       |        |
| Lung disorder   | 1     | (      |
| Respiratory tract congestion                                    | 1     | C      |
| Upper respiratory tract signs and symptoms                      |       |        |
| Aphonia   | 1     | (      |
| Catarrh   | 2     | (      |
| Dysphonia   | 3     | (      |
| Nasal discomfort  | 1     | (      |
| Oropharyngeal pain  | 16    | (      |
| Rhinorrhoea   | 5     | Ċ      |
| Sneezing  | 2     | (      |
| Throat irritation   | 1     | (      |

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| Earliest Reaction Date: 23-Nov-1979                | MedDRA Version: MedDRA 24.0        |       |       |
| Reaction Name                                      |                                    | Total | Fatal |
| Respiratory disorders Respiratory disorders cont'd |                                    |       |       |
| Throat tightness                                   |                                    | 3     | 0     |
| Respiratory disorders SOC TOTAL                    |                                    | 199   | 5     |

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Report Run Date: 09-Jul-2021 Earliest Reaction Date: 23-Nov-1979

| Earliest Reaction Date: 23-Nov-1979   | MedDRA Version: MedDRA 24.0 | 1    | Fotol |
|---------------------------------------|-----------------------------|------|-------|
| Reaction Name                         | Tota                        | ll I | Fatal |
| Skin disorders                        |                             | -    |       |
| Angioedemas                           |                             | 4    | 0     |
| Angioedema                            |                             | 1    | 0     |
| Apocrine and eccrine gland disorders  |                             |      | •     |
| Cold sweat                            |                             | 2    | 0     |
| Hyperhidrosis                         |                             | 38   | 0     |
| Night sweats                          |                             | 7    | 0     |
| Bullous conditions                    |                             |      | -     |
| Blister                               |                             | 3    | 0     |
| Erythema multiforme                   |                             | 1    | 0     |
| Stevens-Johnson syndrome              |                             | 1    | 0     |
| Toxic epidermal necrolysis            |                             | 1    | 0     |
| Dermal and epidermal conditions NEC   |                             |      |       |
| Acute febrile neutrophilic dermatosis |                             | 1    | 0     |
| Dry skin                              |                             | 2    | 0     |
| Pain of skin                          |                             | 7    | 0     |
| Sensitive skin                        |                             | 1    | 0     |
| Skin burning sensation                |                             | 1    | 0     |
| Skin discolouration                   |                             | 5    | 0     |
| Skin disorder                         |                             | 1    | 0     |
| Skin induration                       |                             | 14   | 0     |
| Skin lesion                           |                             | 2    | 0     |
| Skin necrosis                         |                             | 1    | 0     |
| Skin reaction                         |                             | 12   | 0     |
| Skin sensitisation                    |                             | 1    | 0     |
| Skin swelling                         |                             | 1    | 0     |
| Skin tightness                        |                             | 3    | 0     |
| Skin warm                             |                             | 28   | 0     |
| Dermatitis and eczema                 |                             | 20   | 0     |
| Dermatitis                            |                             | 3    | 0     |
| Dermatitis allergic                   |                             | 5    | 0     |
| Eczema                                |                             | 3    | 0     |
| Skin irritation                       |                             | 3    | 0     |
| Erythemas                             |                             | 3    | 0     |
| Erythema                              | 2                           | 51   | 0     |
| Exfoliative conditions                | 2                           | 51   | 0     |
| Skin exfoliation                      |                             | 7    | 0     |
| Panniculitides                        |                             | - 1  | 0     |
|                                       |                             | 2    | 0     |
| Erythema nodosum Pilar disorders NEC  |                             | 2    | 0     |
|                                       |                             | 4    | ^     |
| Hair texture abnormal                 |                             | 1    | 0     |
| Pruritus NEC                          |                             | ~~   | 0     |
| Pruritus                              |                             | 35   | 0     |
| Psoriatic conditions                  |                             |      | •     |
| Erythrodermic psoriasis               |                             | 1    | 0     |
| Guttate psoriasis                     |                             | 1    | 0     |
| Purpura and related conditions        |                             |      |       |
| Henoch-Schonlein purpura              |                             | 4    | 0     |
| Petechiae                             |                             | 1    | 0     |
| Rashes, eruptions and exanthems NEC   |                             |      |       |
| Rash                                  |                             | 50   | 0     |
| Rash erythematous                     |                             | 14   | 0     |
| Rash macular                          |                             | 17   | 0     |
| Rash maculo-papular                   |                             | 3    | 0     |

Name: FOI 21/740 Pneumovax

Report Run Date: 09-Jul-2021 Earliest Reaction Date: 23-Nov-1979

| Reaction Name        |                       | Total | Fatal |
|----------------------|-----------------------|-------|-------|
| Skin disorders       | Skin disorders cont'd |       |       |
| Rash papular         |                       | 6     | 0     |
| Rash pruritic        |                       | 5     | 0     |
| Skin dystrophies     |                       |       |       |
| Skin wrinkling       |                       | 2     | 0     |
| Skin vasculitides    |                       |       |       |
| Vasculitic rash      |                       | 4     | 0     |
| Urticarias           |                       |       |       |
| Urticaria            |                       | 46    | 0     |
| Urticaria papular    |                       | 1     | 0     |
| Urticarial vasculiti | S                     | 1     | 0     |
| Skin disorders SOC T | OTAL                  | 600   | 0     |

### Name: FOI 21/740 Pneumovax

Report Run Date: 09-Jul-2021 Earliest Reaction Date: 23-Nov-1979

| Reaction Name                                     | Total | Fatal |
|---|-------|-------|
| Social circumstances                              |       |       |
| Disability issues                                 |       |       |
| Bedridden   | 1     | 0     |
| Immobile  | 2     | 0     |
| Loss of personal independence in daily activities | 1     | 0     |
| Social issues NEC                                 |       |       |
| Contraindication to vaccination                   | 2     | 0     |
| Social circumstances SOC TOTAL                    | 6     | 0     |

### Name: FOI 21/740 Pneumovax

Report Run Date: 09-Jul-2021 Earliest Reaction Date: 23-Nov-1979

| Reaction Name                           | Total | Fatal |
|---|-------|-------|
| Surgical & medical procedures           |       |       |
| Blood and blood product treatment       |       |       |
| Transfusion                             | 1     | 0     |
| Inner ear therapeutic procedures        |       |       |
| Cochlea implant                         | 1     | 0     |
| Obstetric therapeutic procedures        |       |       |
| Caesarean section                       | 1     | 0     |
| Therapeutic procedures NEC              |       |       |
| Bed rest                                | 1     | 0     |
| Medical device removal                  | 1     | 0     |
| Surgical & medical procedures SOC TOTAL | 5     | 0     |

#### Name: FOI 21/740 Pneumovax

Report Run Date: 09-Jul-2021 Earliest Reaction Date: 23-Nov-1979

| Earliest Reaction Date: 23-Nov-1979 MedDRA Version: MedDRA 24.0  | <b>T</b> - ( - 1 |       |
|--|------------------|-------|
| Reaction Name  | Total            | Fatal |
| Vascular disorders   |                  |       |
| Blood pressure disorders NEC                                     |                  |       |
| Blood pressure fluctuation                                       | 1                | 0     |
| Circulatory collapse and shock                                   |                  |       |
| Circulatory collapse   | 11               | 1     |
| Shock  | 2                | 0     |
| Haemorrhages NEC   |                  |       |
| Haematoma  | 1                | 0     |
| Peripheral vascular disorders NEC                                |                  |       |
| Cyanosis   | 3                | 0     |
| Flushing   | 10               | 0     |
| Hot flush  | 1                | 0     |
| Peripheral vasoconstriction, necrosis and vascular insufficiency |                  |       |
| Peripheral coldness  | 7                | 0     |
| Site specific vascular disorders NEC                             |                  |       |
| Pallor   | 7                | 0     |
| Vascular hypertensive disorders NEC                              |                  |       |
| Hypertension   | 5                | 0     |
| Vascular hypotensive disorders                                   |                  |       |
| Hypotension  | 10               | 0     |
| Orthostatic hypotension  | 2                | 0     |
| Vasculitides NEC   |                  |       |
| Behcet's syndrome  | 1                | 0     |
| Vasculitis   | 2                | 0     |
| Vascular disorders SOC TOTAL                                     | 63               | 1     |
| TOTAL REACTIONS FOR DRUG   | 5392             | . 34  |
|  | 0001             | 0.    |
| TOTAL REPORTS  | 1852             |       |
| TOTAL FATAL OUTCOME REPORTS                                      | 1052             | 34    |
|  |                  | 54    |