Name: FOI 22/404: Pneumococcal Polysaccharide Vaccine Adverse Reactions.

Report Run Date:	14-Feb-2022
Data Lock Date:	02-Feb-2022 18:30:04
Earliest Reaction Date:	23-Nov-1979
MedDRA Version:	MedDRA 24.1

FOI 22/404: All UK spontaneous suspected adverse reactions associated with Pneumococcal Polysaccharide Vaccine.

Pneumococcal Polysaccharide Vaccine Adverse Reactions.:

Name: FOI 22/404: Pneumococcal Polysaccharide Vaccine Adverse Reactions.

Report Run Date: 14-Feb-2022 Earliest Reaction Date: 23-Nov-1979

Earliest Reaction Date: 23-Nov-1979	MedDRA Version: MedDRA 24.1	
Reaction Name	Total	Fatal
Blood disorders		
Anaemias NEC		
Anaemia		3 0
Anaemias haemolytic NEC		
Haemolytic anaemia	1	0 0
Anaemias haemolytic immune		
Autoimmune haemolytic anaemia	1	0 0
Coombs positive haemolytic anaemia	1	0 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
Leukocytoses NEC		
Neutrophilia	1	0 0
Lymphatic system disorders NEC		
Lymph node pain	4	4 0
Lymphadenitis		3 0
Lymphadenopathy	48	3 0
Lymphadenopathy mediastinal	1	0 0
Marrow depression and hypoplastic anaemia	as	
Aplastic anaemia	1	I 0
Pancytopenia	1	0 0
Neutropenias		
Agranulocytosis	1	0 0
Febrile neutropenia	1	I 0
Neutropenia	1	0 0
Sickle cell trait and disorders		
Sickle cell anaemia with crisis	3	3 0
Spleen disorders		
Splenomegaly	1	0
Thrombocytopenias		
Immune thrombocytopenia		
Thrombocytopenia		-
Blood disorders SOC TOTAL	84	<u>+ 0</u>

Name: FOI 22/404: Pneumococcal Polysaccharide Vaccine Adverse Reactions.

Data Lock Date: 02-Feb-2022 18:30:04 Report Run Date: 14-Feb-2022 MedDRA Version: MedDRA 24.1 Earliest Reaction Date: 23-Nov-1979 Reaction Name Total Fatal Cardiac disorders Cardiac signs and symptoms NEC Palpitations 13 0 Coronary artery disorders NEC Arteriosclerosis coronary artery 1 0 Coronary artery disease 0 1 Coronary artery thrombosis 0 1 Heart failures NEC Cardiac failure acute 1 1 0 Ventricular failure 1 Ischaemic coronary artery disorders 0 Acute myocardial infarction 2 3 Angina pectoris 0 3 Myocardial infarction 5 Myocardial ischaemia 4 1 Left ventricular failures Left ventricular failure 0 Myocardial disorders NEC Myocardial fibrosis 0 Noninfectious myocarditis Myocarditis 0 1 Noninfectious pericarditis 0 Pericarditis Pericardial disorders NEC Cardiac tamponade 0 Rate and rhythm disorders NEC 0 Arrhythmia Bradycardia 0 3 0 Cardiac flutter 1 0 Tachycardia 17 Supraventricular arrhythmias 0 Atrial fibrillation 3 Sinus tachycardia 0 1 Supraventricular tachycardia 2 0 Ventricular arrhythmias and cardiac arrest Cardiac arrest 0 1 0 Ventricular extrasystoles 1 0 Ventricular fibrillation 1 Cardiac disorders SOC TOTAL 68 5

Name: FOI 22/404: Pneumococcal Polysaccharide Vaccine Adverse Reactions.

Report Run Date: 14-Feb-2022 Data Lock Date: 02-Feb-2022 18:30:04 Earliest Reaction Date: 23-Nov-1979 MedDRA Version: MedDRA 24.1 **Total** Fatal Reaction Name Congenital disorders Cardiac septal defects congenital Ventricular septal defect 0 1 Haemoglobinopathies congenital Sickle cell anaemia 1 0 Renal and urinary tract disorders congenital NEC Urinary tract malformation 0 1

Congenital disorders SOC TOTAL

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Name: FOI 22/404: Pneumococcal Polysaccharide Vaccine Adverse Reactions.

Report Run Date: 14-Feb-2022 Earliest Reaction Date: 23-Nov-1979

Reaction Name	Total	Fatal
Ear disorders		
Ear disorders NEC		
Ear congestion	2	2 0
Ear disorder	· · · · · · · · · · · · · · · · · · ·	1 0
Ear pain	8	3 0
Eustachian tube disorders		
Eustachian tube dysfunction	· · · · · · · · · · · · · · · · · · ·	1 0
Hearing losses		
Deafness	2	2 0
Deafness neurosensory		1 0
Deafness unilateral	· · · · · · · · · · · · · · · · · · ·	1 0
Inner ear disorders NEC		
Meniere's disease	· · · · · · · · · · · · · · · · · · ·	1 0
Inner ear signs and symptoms		
Tinnitus	10	0 0
Vertigo	12	2 0
Ear disorders SOC TOTAL	39	<u>) o</u>

Case Series Drug Analysis Print Name: FOI 22/404: Pneumococcal Polysaccharide Vaccine Adverse Reactions.

Report Run Date: 14-Feb-2022	Data Lock Date: 02-Feb-2022 18:3	0:04	
Earliest Reaction Date: 23-Nov-1979	MedDRA Version: MedDRA 24.1		
Reaction Name		Total	Fatal
Endocrine disorders			
Adrenal cortical hypofunctions			
Adrenocortical insufficiency acute		2	0
Endocrine disorders SOC TOTAL		2	0

Name: FOI 22/404: Pneumococcal Polysaccharide Vaccine Adverse Reactions.

Report Run Date: 14-Feb-2022Data Lock Date: 02-FelEarliest Reaction Date: 23-Nov-1979MedDRA Version: Med		
Reaction Name	Total	Fatal
Eve disorders		
Choroid and vitreous structural change, deposit and degeneration	on	
Vitreous floaters	2	0
Iris and uveal tract infections, irritations and inflammations		
Uveitis	1	0
Lacrimation disorders		
Lacrimation increased	1	0
Lid, lash and lacrimal infections, irritations and inflammations		
Swelling of eyelid	1	0
Lid, lash and lacrimal structural disorders		
Dacryostenosis acquired	1	0
Ocular disorders NEC		
Eye disorder	1	0
Eye oedema	1	0
Eye pain	3	
Eye swelling	2	
Periorbital oedema	2	-
Vitreous disorder	1	0
Ocular infections, inflammations and associated manifestations		
Eye discharge	1	0
Eye irritation	1	0
Eye pruritus	1	0
Ocular hyperaemia	1	0
Ocular nerve and muscle disorders		
Eye movement disorder	2	0
Ocular sensation disorders		
Photophobia	11	0
Orbital structural change, deposit and degeneration		
Orbital oedema	1	0
Pupil disorders		
Mydriasis	1	0
Retinal, choroid and vitreous infections and inflammations	1	
Necrotising retinitis		0
Scleral infections, irritations and inflammations Scleritis	1	0
Visual disorders NEC		0
Diplopia	2	0
Photopsia	2	
Vision blurred	8	
Visual field disorders		
Visual field defect	1	0
Visual impairment and blindness (excl colour blindness)		Ŭ
Blindness	1	0
Visual acuity reduced		
Visual impairment	2	0
Visual pathway disorders		
Optic nerve disorder	1	0
Eye disorders SOC TOTAL	56	

Name: FOI 22/404: Pneumococcal Polysaccharide Vaccine Adverse Reactions.

Data Lock Date: 02-Feb-2022 18:30:04 Report Run Date: 14-Feb-2022 Earliest Reaction Date: 23-Nov-1979 MedDRA Version: MedDRA 24.1 Reaction Name Total Fatal Gastrointestinal disorders Abdominal findings abnormal Abdominal mass n Acute and chronic pancreatitis Pancreatitis Colitis (excl infective) 0 Colitis ulcerative 1 Dental pain and sensation disorders Toothache 2 0 Diarrhoea (excl infective) 52 0 Diarrhoea Dyspeptic signs and symptoms 0 Dyspepsia 2 Faecal abnormalities NEC Faeces discoloured 0 Mucous stools 2 0 Flatulence, bloating and distension Abdominal distension 3 0 2 0 Flatulence Gastrointestinal and abdominal pains (excl oral and throat) Abdominal pain 12 0 0 Abdominal pain lower 2 10 0 Abdominal pain upper Abdominal tenderness 0 1 Gastrointestinal atonic and hypomotility disorders NEC Constipation 0 1 0 Duodenogastric reflux 1 Gastrooesophageal reflux disease 0 3 Gastrointestinal dyskinetic disorders 0 Dyschezia 1 Gastrointestinal signs and symptoms NEC 0 Abdominal discomfort 11 0 Anal incontinence 1 0 Dysphagia 4 Gastrointestinal spastic and hypermotility disorders Frequent bowel movements 2 0 2 0 Irritable bowel syndrome Gingival haemorrhages 0 **Gingival bleeding** 2 Nausea and vomiting symptoms 204 0 Nausea Retching 0 0 Vomiting 122 0 Vomiting projectile Oral dryness and saliva altered Dry mouth 0 1 0 Salivary hypersecretion 1 Oral soft tissue signs and symptoms Hypoaesthesia oral 0 2 0 Lip erythema 1 0 Lip pain 1 0 Oral mucosal blistering 1 0 Oral pain

Name: FOI 22/404: Pneumococcal Polysaccharide Vaccine Adverse Reactions.

Report Run Date: 14-Feb-2022 Earliest Reaction Date: 23-Nov-1979

Reaction Name	Total	Fatal
Gastrointestinal disorders ointestinal disorders cont'd		
Paraesthesia oral	1	0
Oral soft tissue swelling and oedema		
Lip swelling	5	0
Mouth swelling	1	0
Palatal oedema	1	0
Peritoneal and retroperitoneal disorders		
Ascites	1	0
Peritoneal and retroperitoneal haemorrhages		
Retroperitoneal haematoma	1	0
Stomatitis and ulceration		
Mouth ulceration	5	0
Stomatitis	2	0
Tongue disorders		
Glossitis	1	0
Tongue ulceration	1	0
Tongue signs and symptoms		
Swollen tongue	3	0
Tongue blistering	2	0
Tongue oedema	1	0
Gastrointestinal disorders SOC TOTAL	482	1

Name: FOI 22/404: Pneumococcal Polysaccharide Vaccine Adverse Reactions.

Data Lock Date: 02-Feb-2022 18:30:04 Report Run Date: 14-Feb-2022 Earliest Reaction Date: 23-Nov-1979 MedDRA Version: MedDRA 24.1 Reaction Name Total Fatal General disorders Administration site reactions NEC Administration site pain Administration site rash 1 Administration site swelling 1 Application and instillation site reactions Application site erythema 1 Asthenic conditions Asthenia 75 Chronic fatigue syndrome 2 Fatigue 149 289 Malaise Body temperature altered Hypothermia 1 Death and sudden death Death 3 Sudden death 1 Febrile disorders 502 Pyrexia Feelings and sensations NEC Chills 200 Feeling abnormal 17 31 Feeling cold Feeling drunk 1 Feeling hot 70 Feeling of body temperature change 17 Thirst 1 Gait disturbances Gait disturbance 9 2 Gait inability Loss of control of legs 1 General signs and symptoms NEC Condition aggravated 12 Foaming at mouth 1 Illness 18 Induration 14 112 Influenza like illness Local reaction 177

Multiple organ dysfunction syndrome

Systemic inflammatory response syndrome

Peripheral swelling

Soft tissue inflammation

Injected limb mobility decreased

Injection site abscess sterile

Injection site reactions

Injection site atrophy

Injection site bruising

Injection site discharge

Screaming Swelling

Swelling face

Inflammations Inflammation 376

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Case Series Drug Analysis Print Name: FOI 22/404: Pneumococcal Polysaccharide Vaccine Adverse Reactions.

Report Run Date: 14-Feb-2022 Earliest Reaction Date: 23-Nov-1979

Earliest Reaction Date: 23-Nov-1979 Reaction Name	MedDRA Version: MedDRA 24.1	Total	Fatal
General disorders General disorders cont'd		10101	<u>i atai</u>
Injection site discolouration		3	0
Injection site erythema		87	0
Injection site haematoma		2	0
Injection site haemorrhage		1	0
Injection site hypersensitivity		1	0
Injection site induration		9	0
Injection site inflammation		73	0
Injection site joint swelling		1	0
Injection site joint warmth		1	0
Injection site mass		12	0
Injection site movement impairment		3	0
Injection site necrosis		3	0
Injection site oedema		1	0
Injection site pain		105	0
Injection site pruritus		9	0
Injection site rash		20	0
Injection site reaction		118	0
Injection site scar		3	0
Injection site swelling		76	-
Injection site ulcer		3	0
Injection site uticaria		3	0
Injection site vesicles		3	0
Injection site warmth		25	0
Interactions		20	0
Drug interaction		4	0
		4	0
Inhibitory drug interaction Mass conditions NEC		1	0
Mass conductors NEC		6	0
		0	0
Nodule Necrosis NEC		1	0
Necrosis		4	0
		1	0
Oedema NEC		0	0
Localised oedema		9	0
Oedema		13 14	0
Oedema peripheral		14	0
Pain and discomfort NEC		10	0
Axillary pain		19	0
Chest discomfort		25	0
Chest pain		31	0
Discomfort		10	0
Facial pain		4	0
Non-cardiac chest pain		1	0
Pain		214	0
Tenderness		34	0
Therapeutic and nontherapeutic responses			
Adverse drug reaction		13	0
Adverse event		1	0
Drug ineffective		9	0
Therapeutic response decreased		1	0
Therapy non-responder		6	0
Vaccination failure		10	0
Ulcers NEC			

Name: FOI 22/404: Pneumococcal Polysaccharide Vaccine Adverse Reactions.

Report Run Date: 14-Feb-2022 Earliest Reaction Date: 23-Nov-1979

Reaction Name	Total	Fatal
General disorders General disorders cont'd		
Ulcer	2	0
Vaccination site reactions		
Extensive swelling of vaccinated limb	3	0
Shoulder injury related to vaccine administration	3	0
Vaccination site bruising	6	0
Vaccination site discolouration	1	0
Vaccination site discomfort	6	0
Vaccination site erythema	89	0
Vaccination site haematoma	1	0
Vaccination site induration	17	0
Vaccination site inflammation	19	0
Vaccination site irritation	3	0
Vaccination site joint effusion	1	0
Vaccination site joint movement impairment	5	0
Vaccination site joint pain	2	0
Vaccination site joint swelling	1	0
Vaccination site mass	9	0
Vaccination site movement impairment	23	0
Vaccination site necrosis	1	0
Vaccination site oedema	1	0
Vaccination site pain	171	0
Vaccination site phlebitis	1	0
Vaccination site pruritus	7	0
Vaccination site rash	22	0
Vaccination site reaction	14	0
Vaccination site scab	1	0
Vaccination site swelling	101	0
Vaccination site urticaria	2	0
Vaccination site vesicles	1	0
Vaccination site warmth	53	0
General disorders SOC TOTAL	3862	5

Name: FOI 22/404: Pneumococcal Polysaccharide Vaccine Adverse Reactions.

Report Run Date: 14-Feb-2022 Earliest Reaction Date: 23-Nov-1979

Reaction Name	Total	Fatal
Hepatic disorders		
Bile duct infections and inflammations		
Biliary colic	1	0
Cholecystitis and cholelithiasis		
Cholecystitis	1	0
Cholelithiasis	2	0
Cholestasis and jaundice		
Jaundice	3	0
Gallbladder disorders NEC		
Gallbladder disorder	1	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	0
Hepatic fibrosis and cirrhosis		
Hepatic cirrhosis	1	1
Hepatocellular damage and hepatitis NEC		
Hepatitis	2	0
Hepatitis chronic active	1	0
Hepatic disorders SOC TOTAL	17	2

Name: FOI 22/404: Pneumococcal Polysaccharide Vaccine Adverse Reactions.

Report Run Date: 14-Feb-2022 Earliest Reaction Date: 23-Nov-1979

Reaction Name	Total	Fatal
Immune system disorders		
Allergic conditions NEC		
Hypersensitivity	53	0
Multiple allergies	1	0
Serum sickness	1	0
Serum sickness-like reaction	1	0
Allergies to foods, food additives, drugs and other chemicals		
Allergy to vaccine	2	0
Drug hypersensitivity	1	0
Anaphylactic and anaphylactoid responses		
Anaphylactic reaction	13	0
Anaphylactic shock	6	1
Anaphylactoid reaction	3	0
Atopic disorders		
Seasonal allergy	1	0
Autoimmune disorders NEC		
Autoimmune disorder	1	0
Blood isoimmune reactions		
Alloimmunisation	1	0
Immune and associated conditions NEC		
Bacille Calmette-Guerin scar reactivation	1	0
Immune system disorder	2	0
Vasculitides		
Eosinophilic granulomatosis with polyangiitis	1	0
Immune system disorders SOC TOTAL	88	1

Name: FOI 22/404: Pneumococcal Polysaccharide Vaccine Adverse Reactions.

Report Run Date: 14-Feb-2022 Earliest Reaction Date: 23-Nov-1979

Earliest Reaction Date: 23-Nov-1979 MedDRA Version: MedDRA 24.1		
Reaction Name	Total	Fatal
Infections		
Bacterial infections NEC		
Administration site cellulitis	3	0
Arthritis bacterial	2	0
Bacterial infection	2	0
Bacterial sepsis	1	0
Cellulitis	149	0
Cellulitis gangrenous	1	0
Injection site cellulitis	29	0
Pneumonia bacterial	1	0
Post procedural cellulitis	1	0
Vaccination site cellulitis	24	
Bone and joint infections		
Arthritis infective	1	0
Central nervous system and spinal infections		
Encephalitis	5	0
Encephalomyelitis	1	0
Meningitis	1	0
Myelitis	1	0
Clostridia infections		
Clostridium difficile infection	1	0
Gas gangrene	1	1
Dental and oral soft tissue infections		
Parotitis	1	0
Ear infections		Ŭ
Ear infection	1	0
Labyrinthitis	1	0
Otitis media	1	0
Otitis media acute	1	0
Otitis media chronic	1	0
Eye and eyelid infections		Ŭ
Conjunctivitis	1	0
Haemophilus infections		Ŭ
Haemophilus infection	1	0
Haemophilus sepsis	1	0
Septic arthritis haemophilus	1	0
Hepatitis virus infections		Ŭ
Hepatitis A	1	0
Herpes viral infections		Ŭ
Herpes zoster	10	0
Oral herpes	1	0
Varicella zoster virus infection	1	0
Infections NEC	1	0
	G	0
Abscess Abscess limb	6	
	2	0
Administration site infection		0
	9	
Injection site abscess	2	0
Injection site infection		
Localised infection	4	-
Respiratory tract infection	3	_
Systemic infection	1	0
Vaccination site abscess	1	0

Name: FOI 22/404: Pneumococcal Polysaccharide Vaccine Adverse Reactions.

Data Lock Date: 02-Feb-2022 18:30:04 Report Run Date: 14-Feb-2022 Earliest Reaction Date: 23-Nov-1979 MedDRA Version: MedDRA 24.1 Reaction Name Total Fatal Infections cont'd Infections Vaccination site infection 3 0 Influenza viral infections 0 Influenza 10 Lower respiratory tract and lung infections **Bronchitis** 6 0 17 0 Lower respiratory tract infection 8 32 Pneumonia Male reproductive tract infections 0 Orchitis 1 Neisseria infections 0 Meningitis meningococcal 1 0 Meningococcal sepsis 1 Sepsis, bacteraemia, viraemia and fungaemia NEC Bacteraemia 0 Sepsis 13 0 0 Septic shock 2 Skin structures and soft tissue infections Carbuncle 0 Skin infection 1 0 Subcutaneous abscess 0 1 Streptococcal infections 0 Bronchitis pneumococcal 0 Erysipelas 1 0 Meningitis pneumococcal 7 Pneumococcal infection 5 0 1 Pneumococcal sepsis 1 0 Pneumonia pneumococcal 1 1 Pneumonia streptococcal 1 0 Streptococcal sepsis 1 **Tuberculous infections** 0 Erythema induratum 9 Upper respiratory tract infections 2 0 Laryngitis Nasopharyngitis 15 0 Rhinitis 0 1 0 Upper respiratory tract infection 1 Urinary tract infections 0 Urinary tract infection 4 Vascular infections 0 Lymphangitis Л Viral infections NEC 0 Gastroenteritis viral 0 Post viral fatigue syndrome 2 Vestibular neuronitis 0 1 Viral infection 0 1 0 Viral rash 1 428 11 Infections SOC TOTAL

Name: FOI 22/404: Pneumococcal Polysaccharide Vaccine Adverse Reactions.

Data Lock Date: 02-Feb-2022 18:30:04 Report Run Date: 14-Feb-2022 Earliest Reaction Date: 23-Nov-1979 MedDRA Version: MedDRA 24.1 Reaction Name Total Fatal Injuries Exposures associated with pregnancy, delivery and lactation Exposure during pregnancy 3 2 Foetal exposure during pregnancy Medication errors, product use errors and issues NEC Circumstance or information capable of leading to medication error 1 6 Medication error Product use in unapproved indication 1 Product use issue 1 Vaccination error 1 Wrong technique in product usage process 2 Nerve injuries NEC Nerve injury Non-site specific injuries NEC Fall Non-site specific procedural complications Injection related reaction 1 Wound decomposition 1 Off label uses Off label use 3 Product administration errors and issues Extra dose administered 2 6 Inappropriate schedule of product administration Lack of vaccination site rotation 1 Product administered at inappropriate site 4 Product administered to patient of inappropriate age 1 0 Product administration error 5 2 Wrong product administered Product prescribing errors and issues Product prescribing error 1 Skin injuries NEC Contusion 22 0 2 Scar Vaccination related complications Vaccination complication 6 0 Injuries SOC TOTAL 76

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Name: FOI 22/404: Pneumococcal Polysaccharide Vaccine Adverse Reactions.

Report Run Date: 14-Feb-2022 Earliest Reaction Date: 23-Nov-1979

	MedDRA Version: MedDRA 24.1 Tota	Fatal
Reaction Name	Total	
Investigations		
Autoimmunity analyses		1 (
Antinuclear antibody positive	a ha a ta sia)	1 (
Bacteria identification and serology (excl myc	obacteria)	
Streptococcus test positive		2 (
Blood gas and acid base analyses		_
Oxygen saturation decreased		5 (
Carbohydrate tolerance analyses (incl diabete	es)	
Blood glucose decreased		2 (
Blood glucose fluctuation		1 (
Blood glucose increased		2 (
Cardiac auscultatory investigations		_
Cardiac murmur		1 (
Cell marker analyses		
Prostatic specific antigen increased		1 (
Chemistry analyses NEC		
Inflammatory marker increased		3 (
Cholesterol analyses		
High density lipoprotein decreased		1 (
Coagulation and bleeding analyses		
Fibrin D dimer increased		1 (
International normalised ratio increased		2 (
Haematological analyses NEC		
Red blood cell sedimentation rate increased		2 (
Heart rate and pulse investigations		
Heart rate increased	1	8 (
Heart rate irregular		2 (
Immunoglobulin analyses		
Blood immunoglobulin G decreased		1 (
Immunology analyses NEC		
Antibody test abnormal		1 (
Antibody test negative		2 (
Investigations NEC		
Blood test abnormal		1 (
Liver function analyses		
Alanine aminotransferase increased		1 (
Liver function test abnormal		1 (
Microbiology and serology tests NEC		1 (
Seroconversion test negative		
Mineral and electrolyte analyses		1 (
Blood potassium increased		1 (
Blood sodium decreased		1 (
Musculoskeletal and soft tissue imaging proce	edures	
X-ray limb abnormal		1 (
Physical examination procedures and organ s	system status	
Body temperature abnormal		2 (
Body temperature fluctuation		4 0
Body temperature increased	5	52 (
Grip strength decreased		1 (
Weight decreased		4 (
Platelet analyses		
Platelet count decreased		4 (
Protein analyses NEC		

Name: FOI 22/404: Pneumococcal Polysaccharide Vaccine Adverse Reactions.

Report Run Date: 14-Feb-2022 Earliest Reaction Date: 23-Nov-1979

Reaction Name	Total	Fatal
Investigations Investigations cont'd		
C-reactive protein increased	4	0
Red blood cell analyses		
Haematocrit abnormal	1	0
Red blood cell count decreased	1	0
Renal function analyses		
Blood creatinine increased	2	0
Skeletal and cardiac muscle analyses		
Blood creatine phosphokinase increased	2	0
Urinalysis NEC		
Blood urine present	3	0
Protein urine present	1	0
Urinary tract function analyses NEC		
Urine output decreased	1	0
Vascular tests NEC (incl blood pressure)		
Blood pressure abnormal	2	0
Blood pressure decreased	4	0
Blood pressure increased	5	0
White blood cell analyses		
Eosinophil count increased	1	0
Neutrophil count increased	1	0
White blood cell count increased	6	0
Investigations SOC TOTAL	156	0

Name: FOI 22/404: Pneumococcal Polysaccharide Vaccine Adverse Reactions.

Report Run Date: 14-Feb-2022 Earliest Reaction Date: 23-Nov-1979

Reaction Name	Total	Fatal
Metabolic disorders		
Appetite disorders		
Decreased appetite	82	0
Hypophagia	1	0
Increased appetite	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	3	0
Feeding disorder	3	0
Food aversion	1	0
Hyperglycaemic conditions NEC		
Hyperglycaemia	1	0
Hypoglycaemic conditions NEC		
Hypoglycaemia	2	0
Potassium imbalance		
Hyperkalaemia	1	0
Total fluid volume decreased		
Dehydration	5	0
Total fluid volume increased		
Fluid retention	1	0
Metabolic disorders SOC TOTAL	111	0

Name: FOI 22/404: Pneumococcal Polysaccharide Vaccine Adverse Reactions.

Report Run Date: 14-Feb-2022 Earliest Reaction Date: 23-Nov-1979

Earliest Reaction Date: 23-Nov-1979	MedDRA Version: MedDRA 24.1	
Reaction Name	Total	Fatal
Muscle & tissue disorders		
Arthropathies NEC		
Arthritis	6	S C
Arthropathy	3	3 C
Polyarthritis	6	s c
Seronegative arthritis	1	
Bone disorders NEC		
Jaw disorder	1	C
Osteonecrosis	1	C
Bone related signs and symptoms		
Bone pain	5	
Bone swelling	1	
Pain in jaw	3	
Bursal disorders		
Bursitis	5	s c
Cartilage disorders		
Costochondritis	1	C
Connective tissue disorders NEC		
Myofascitis	1	C
Polymyalgia rheumatica	8	
Joint related disorders NEC	C	
Joint lock	4	
Periarthritis	10	
	16	
Rotator cuff syndrome	1	
Temporomandibular joint syndrome	1	C
Joint related signs and symptoms	4.00	
Arthralgia	160	
Joint effusion		
Joint range of motion decreased	1	
Joint stiffness	6	
Joint swelling	25	5 C
Lupus erythematosus (incl subtypes)		
Systemic lupus erythematosus	1	C
Muscle infections and inflammations		
Myositis	7	' C
Muscle pains		-
Myalgia	148	B C
Muscle related signs and symptoms NEC		
Muscle atrophy	2	2 C
Muscle discomfort	1	C
Muscle disorder	1	C
Muscle fatigue	6	S C
Muscle mass	1	C
Muscle spasms	12	<u>2</u> C
Muscle swelling	3	8 C
Muscle tightness	1	0
Muscle twitching	2	2 C
Muscle weakness conditions		
Muscular weakness	34	l c
Musculoskeletal and connective tissue cond		
Limb mass	1	0
Mobility decreased	10	
Musculoskeletal stiffness	56	

Case Series Drug Analysis Print Name: FOI 22/404: Pneumococcal Polysaccharide Vaccine Adverse Reactions.

Report Run Date: 14-Feb-2022	Data Lock Date: 02-Feb-2022 18:3	0:04	
Earliest Reaction Date: 23-Nov-1979	MedDRA Version: MedDRA 24.1		
Reaction Name		<u>Total</u>	Fatal
Muscle & tissue disordersle & tissue disor	ders cont'd		
Weight bearing difficulty		29	0
Musculoskeletal and connective tissue	e pain and discomfort		
Back pain		31	0
Limb discomfort		19	0
Musculoskeletal chest pain		5	0
Musculoskeletal discomfort		1	0
Musculoskeletal pain		4	0
Neck pain		21	0
Pain in extremity		402	0
Myopathies			
Myopathy		1	0
Rhabdomyolysis		1	0
Osteoarthropathies			
Osteoarthritis		2	0
Psoriatic arthropathies			
Psoriatic arthropathy		1	0
Rheumatoid arthropathies			
Rheumatoid arthritis		7	0
Soft tissue disorders NEC			
Axillary mass		1	0
Soft tissue disorder		1	0
Spondyloarthropathies			
Arthritis reactive		3	0
Synovial disorders			
Synovitis		1	0
Tendon disorders			
Tendon disorder		1	0
Muscle & tissue disorders SOC TOTAL		1073	0

Name: FOI 22/404: Pneumococcal Polysaccharide Vaccine Adverse Reactions.

Report Run Date: 14-Feb-2022 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
Leukaemias NEC		
Leukaemia	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	8	2

Name: FOI 22/404: Pneumococcal Polysaccharide Vaccine Adverse Reactions.

Data Lock Date: 02-Feb-2022 18:30:04 Report Run Date: 14-Feb-2022 Earliest Reaction Date: 23-Nov-1979 MedDRA Version: MedDRA 24.1 Reaction Name Total Fatal Nervous system disorders Acute polyneuropathies Guillain-Barre syndrome 16 2 Central nervous system haemorrhages and cerebrovascular accidents Cerebrovascular accident 2 Cerebrovascular venous and sinus thrombosis Cerebral venous sinus thrombosis 0 1 Choreiform movements Choreoathetosis 0 Chronic polyneuropathies Chronic inflammatory demyelinating polyradiculoneuropathy 0 2 0 Diabetic neuropathy 1 Coordination and balance disturbances 0 Ataxia 2 12 0 Balance disorder Coordination abnormal 1 0 3 0 Dysstasia Cortical dysfunction NEC 2 0 Aphasia Primary progressive aphasia 1 0 Demyelinating disorders NEC Acute disseminated encephalomyelitis 2 1 Disturbances in consciousness NEC 42 0 Lethargy 0 Loss of consciousness 17 Somnolence 31 0 0 Stupor 2 0 Syncope 31 Dyskinesias and movement disorders NEC 0 Hypokinesia 10 Movement disorder 5 0 Facial cranial nerve disorders 0 Facial paralysis 1 2 0 Facial paresis Generalised tonic-clonic seizures Generalised tonic-clonic seizure 2 0 Headaches NEC 0 Cluster headache 0 Headache 253 0 Sinus headache 1 Memory loss (excl dementia) Amnesia 0 1 0 Memory impairment 1 Mental impairment (excl dementia and memory loss) Cognitive disorder 0 3 Disturbance in attention 6 0 0 Mental impairment 1 Migraine headaches 0 Migraine 7 Migraine with aura 0 1 **Mononeuropathies** 0 Nerve compression 1 Peroneal nerve palsy n

Name: FOI 22/404: Pneumococcal Polysaccharide Vaccine Adverse Reactions.

Auverse	Reactions.		
Report Run Date: 14-Feb-2022	Data Lock Date: 02-Feb-2022 18:3	0:04	
Earliest Reaction Date: 23-Nov-1979	MedDRA Version: MedDRA 24.1		
Reaction Name		Total	Fatal
Nervous system disorders us system disorders of	cont'd		
Motor neurone diseases			
Motor neurone disease		1	0
Multiple sclerosis acute and progressive			
Multiple sclerosis		1	0
Myelitis (incl infective)			
Myelitis transverse		1	0
Narcolepsy and hypersomnia			
Hypersomnia		4	0
Nervous system disorders NEC			
Nervous system disorder		3	0
Neurologic visual problems NEC			
Tunnel vision		1	0
Neurological signs and symptoms NEC			
Dizziness		98	0
Dizziness postural		4	0
Line of the second set			0

Tunnel vision	1	1 0
Neurological signs and symptoms NEC		
Dizziness	98	3 0
Dizziness postural	4	4 0
Head discomfort	2	2 0
Meningism	1	1 0
Myoclonus	1	0
Neurological symptom	1	0
Presyncope	7	
Slow response to stimuli	1	1 0
Olfactory nerve disorders		
Parosmia	1	I 0
Optic nerve disorders NEC		
Optic neuritis	2	2 0
Paraesthesias and dysaesthesias		
Burning sensation	14	4 0
Hyperaesthesia	3	
Hypoaesthesia	33	
Paraesthesia	46	
Paralysis and paresis (excl cranial nerve)		
Hemiparesis	2	2 0
Hemiplegia		
Monoplegia	g	
Paralysis	3	
Parkinson's disease and parkinsonism		
Cogwheel rigidity	1	ı o
Parkinson's disease		i o
Peripheral neuropathies NEC		
Brachial plexopathy	1	ı o
Neuralgic amyotrophy	2	
Neuritis	2	
Neuropathy peripheral		- 1 0
Polyneuropathy		
Seizures and seizure disorders NEC		
Epilepsy	4	1 O
Febrile convulsion	1	
Seizure	g	
Status epilepticus		
Sensory abnormalities NEC		
Allodynia		
•		1 0 2 0
Dysgeusia	2	

Name: FOI 22/404: Pneumococcal Polysaccharide Vaccine Adverse Reactions.

Report Run Date: 14-Feb-2022 Earliest Reaction Date: 23-Nov-1979

Reaction Name	Total	Fatal
Nervous system disorders us system disorders cont'd		
Electric shock sensation	1	0
Neuralgia	4	0
Sensory disturbance	6	0
Sensory loss	2	0
Taste disorder	3	0
Speech and language abnormalities		
Dysarthria	5	0
Slow speech	1	0
Speech disorder	4	0
Spinal cord and nerve root disorders NEC		
Radiculitis brachial	4	0
Radiculopathy	1	0
Tremor (excl congenital)		
Tremor	39	0
Nervous system disorders SOC TOTAL	808	5

Name: FOI 22/404: Pneumococcal Polysaccharide Vaccine Adverse Reactions.

Report Run Date: 14-Feb-2022 Earliest Reaction Date: 23-Nov-1979

Reaction Name	Total	Fatal
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

Case Series Drug Analysis Print Name: FOI 22/404: Pneumococcal Polysaccharide Vaccine Adverse Reactions.

Report Run Date: 14-Feb-2022 Data Lock Date: 02-Feb-2022 18:30:04 Earliest Reaction Date: 23-Nov-1979 MedDRA Version: MedDRA 24.1 Total Fatal Reaction Name Product contamination and sterility issues 0 Product contamination microbial 1 Product quality issues NEC Product quality issue 2 0 3 0

null SOC TOTAL

Name: FOI 22/404: Pneumococcal Polysaccharide Vaccine Adverse Reactions.

Report Run Date: 14-Feb-2022 Earliest Reaction Date: 23-Nov-1979

Reaction Name	Total	Fatal
Psychiatric disorders		
Abnormal behaviour NEC		
Abnormal behaviour	1	0
Anxiety symptoms		
Agitation	2	0
Anxiety	3	
Tension	1	0
Behaviour and socialisation disturbances		
Paranoia	1	0
Social avoidant behaviour	1	Ö
Confusion and disorientation		
Confusional state	11	0
Disorientation	8	
Decreased physical activity levels		
Catatonia	1	0
Deliria		
Delirium	5	0
Delirium tremens	1	0
Depressive disorders		
Depression	4	0
Dissociative states		
Dissociation	1	0
Disturbances in initiating and maintaining	sleep	
Insomnia	26	0
Eating disorders NEC		
Binge eating	1	0
Eating disorder	1	0
Emotional and mood disturbances NEC		
Anger	1	0
Irritability	4	0
Mood altered	1	0
Hallucinations (excl sleep-related)		
Hallucination	5	0
Increased physical activity levels		
Restlessness	1	0
Mood alterations with depressive symptor	ns	
Depressive symptom	1	0
Tearfulness	1	0
Mood disorders NEC		
Listless	4	0
Panic attacks and disorders		
Panic attack	1	0
Parasomnias		
Abnormal dreams	2	0
Nightmare	2	0
Sleep terror	1	0
Pervasive developmental disorders NEC		
Autism spectrum disorder	1	0
Psychotic disorder NEC		
Psychotic disorder	2	C
Sleep disorders NEC		
Sleep disorder	10	C
Thinking disturbances		

Case Series Drug Analysis Print Name: FOI 22/404: Pneumococcal Polysaccharide Vaccine Adverse Reactions.

Report Run Date: 14-Feb-2022	Data Lock Date: 02-Feb-2022 18:30:04		
Earliest Reaction Date: 23-Nov-1979	MedDRA Version: MedDRA 24.1		
Reaction Name		Total	Fatal
Psychiatric disordersPsychiatric disorders cont'd			
Thinking abnormal		1	0
Psychiatric disorders SOC TOTAL		106	0

Name: FOI 22/404: Pneumococcal Polysaccharide Vaccine Adverse Reactions.

Report Run Date: 14-Feb-2022 Earliest Reaction Date: 23-Nov-1979

Reaction Name	Total	Fatal
Renal & urinary disorders		
Bladder and urethral symptoms		
Dysuria	4	C
Incontinence	1	C
Micturition urgency	1	C
Pollakiuria	5	C
Urinary incontinence	3	C
Urinary retention	1	C
Bladder disorders NEC		
Bladder obstruction	1	C
Glomerulonephritis and nephrotic syndrome		
Focal segmental glomerulosclerosis	1	C
Glomerulonephritis rapidly progressive	1	C
Nephrotic syndrome	3	C
Nephritis NEC		
Lupus nephritis	1	0
Tubulointerstitial nephritis	1	C
Renal failure and impairment		
Acute kidney injury	7	C
Chronic kidney disease	2	C
Urinary abnormalities		
Haematuria	1	C
Proteinuria	1	C
Urinary tract signs and symptoms NEC		
Polyuria	1	C
Renal pain	4	C
Renal & urinary disorders SOC TOTAL	39	L 0

Name: FOI 22/404: Pneumococcal Polysaccharide Vaccine Adverse Reactions.

Report Run Date: 14-Feb-2022 Earliest Reaction Date: 23-Nov-1979

Reaction Name	Total	Fatal
Reproductive & breast disorders		
Breast disorders NEC		
Breast enlargement	1	0
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
Pelvic pain	1	0
Testicular and epididymal disorders NEC		
Testicular disorder	1	0
Vaginal and vulval infections and inflammations		
Vulvovaginal inflammation	2	0
Vulvovaginal disorders NEC		
Vulval ulceration	2	0
Vulvovaginal signs and symptoms		
Vulvovaginal burning sensation	1	0
Vulvovaginal erythema	1	0
Vulvovaginal pain	1	0
Vulvovaginal swelling	1	0
Reproductive & breast disorders SOC TOTAL	18	0

Name: FOI 22/404: Pneumococcal Polysaccharide Vaccine Adverse Reactions.

Report Run Date: 14-Feb-2022 Earliest Reaction Date: 23-Nov-1979

Earliest Reaction Date: 23-Nov-1979 MedDRA Version: MedDRA 24.1		
Reaction Name	Total	<u>Fatal</u>
Respiratory disorders		
Breathing abnormalities		
Dyspnoea	61	0
Dyspnoea exertional	2	0
Hyperventilation	2	0
Respiratory arrest	1	0
Respiratory distress	2	l o
Bronchial conditions NEC		
Bronchiectasis	4	0
Bronchospasm and obstruction		
Asthma	15	2
Bronchospasm	4	0
Wheezing	15	
Conditions associated with abnormal gas exchange	10	
Hypoxia	1	0
Coughing and associated symptoms		
Cough	66	0
-		
Haemoptysis	2	0
Productive cough		
Sputum discoloured	2	0
Sputum increased	2	0
Lower respiratory tract inflammatory and immunologic conditions		
Pulmonary eosinophilia	1	0
Lower respiratory tract signs and symptoms		
Increased bronchial secretion	4	0
Pleuritic pain	1	0
Nasal congestion and inflammations		
Nasal congestion	5	0
Nasal disorders NEC		
Epistaxis	1	0
Paranasal sinus disorders (excl infections and neoplasms)		
Sinonasal obstruction	1	0
Parenchymal lung disorders NEC		
Emphysema	1	0
Organising pneumonia	1	0
Pulmonary fibrosis	8	2
Pharyngeal disorders (excl infections and neoplasms)		
Pharyngeal erythema	1	0
Pharyngeal swelling	2	0
Tonsillar inflammation	1	0
Pleural conditions NEC		
Pleural thickening	1	0
Pneumothorax and pleural effusions NEC		
Pleural effusion	6	0
Pneumothorax	1	0
Pulmonary oedemas		
•	4	C
Acute pulmonary oedema	1	
Respiratory failures (excl neonatal)		
Respiratory failure	1	1
Respiratory tract disorders NEC		-
Lung disorder	1	C
Respiratory tract congestion	1	C
Upper respiratory tract signs and symptoms		

Name: FOI 22/404: Pneumococcal Polysaccharide Vaccine Adverse Reactions.

Report Run Date: 14-Feb-2022 Earliest Reaction Date: 23-Nov-1979

Reaction Name	Total	Fatal
Respiratory disordersRespiratory disorders cont'd		
Aphonia	2	0
Catarrh	3	0
Dysphonia	3	0
Nasal discomfort	1	0
Oropharyngeal pain	26	0
Rhinorrhoea	10	0
Sneezing	7	0
Throat irritation	2	0
Throat tightness	5	0
Upper-airway cough syndrome	1	0
Respiratory disorders SOC TOTAL	286	5

Name: FOI 22/404: Pneumococcal Polysaccharide Vaccine Adverse Reactions.

Data Lock Date: 02-Feb-2022 18:30:04 Report Run Date: 14-Feb-2022 MedDRA Version: MedDRA 24.1 Earliest Reaction Date: 23-Nov-1979 Reaction Name Total Fatal Skin disorders Angioedemas Angioedema Apocrine and eccrine gland disorders Cold sweat Hyperhidrosis 70 Miliaria 1 Night sweats 12 **Bullous conditions** Blister 6 Erythema multiforme 2 Stevens-Johnson syndrome 1 Toxic epidermal necrolysis 1 Dermal and epidermal conditions NEC Acute febrile neutrophilic dermatosis Dry skin 4 Pain of skin 9 Scab 1 3 Sensitive skin Skin burning sensation 3 Skin discolouration 7 Skin disorder 1 Skin induration 17 Skin lesion 3 Skin lesion inflammation 1 Skin necrosis 2 16 Skin reaction Skin sensitisation 1 2 Skin swelling 3 Skin tightness Skin warm 49 Dermatitis and eczema Dermatitis 4 Dermatitis allergic 11 Dermatitis contact 1 Eczema 4 3 Skin irritation Dermatitis ascribed to specific agent Drug eruption Ervthemas Erythema 347 Exfoliative conditions Skin exfoliation Hyperpigmentation disorders Skin hyperpigmentation Nail and nail bed conditions (excl infections and infestations) Nail atrophy Panniculitides Erythema nodosum 3 Photosensitivity and photodermatosis conditions Photosensitivity reaction 1 Pilar disorders NEC

Hair disorder

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Name: FOI 22/404: Pneumococcal Polysaccharide Vaccine Adverse Reactions.

Report Run Date: 14-Feb-2022 Earliest Reaction Date: 23-Nov-1979

Reaction Name	Total	Fatal
Skin disorders Skin disorders cont'd		
Hair texture abnormal	1	C
Pruritus NEC		
Pruritus	48	C
Psoriatic conditions		
Erythrodermic psoriasis	1	C
Guttate psoriasis	1	C
Psoriasis	1	C
Purpura and related conditions		
Henoch-Schonlein purpura	4	C
Petechiae	3	C
Purpura	2	C
Rashes, eruptions and exanthems NEC		
Rash	76	C
Rash erythematous	29	C
Rash macular	23	C
Rash maculo-papular	3	C
Rash papular	10	C
Rash pruritic	9	C
Sebaceous gland disorders		
Fordyce spots	1	C
Skin dystrophies		
Skin wrinkling	2	C
Skin hypoplasias and atrophies		
Skin striae	1	C
Skin injuries and mechanical dermatoses		
Needle track marks	2	C
Skin vasculitides		
Vasculitic rash	5	C
Urticarias		
Urticaria	60	C
Urticaria papular	1	C
Urticarial vasculitis	1	C
Skin disorders SOC TOTAL	890	

Name: FOI 22/404: Pneumococcal Polysaccharide Vaccine Adverse Reactions.

Report Run Date: 14-Feb-2022 Earliest Reaction Date: 23-Nov-1979

Reaction Name	Total	Fatal
Social circumstances		
Disability issues		
Bedridden	5	0
Immobile	2	0
Loss of personal independence in daily activities	2	0
Social issues NEC		
Contraindication to vaccination	2	0
Social circumstances SOC TOTAL	11	<u> 0</u>

Name: FOI 22/404: Pneumococcal Polysaccharide Vaccine Adverse Reactions.

Report Run Date: 14-Feb-2022 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
Limb therapeutic procedures		
Limb immobilisation	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	6	0

Name: FOI 22/404: Pneumococcal Polysaccharide Vaccine Adverse Reactions.

Report Run Date: 14-Feb-2022 Earliest Reaction Date: 23-Nov-1979

Reaction Name	Total	Fatal
Vascular disorders		i atai
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
Haemorrhage	2	0
Peripheral aneurysms and dissections		
Peripheral artery aneurysm	1	1
Peripheral vascular disorders NEC		
Cyanosis	5	0
Flushing	14	0
Hot flush	3	0
Peripheral vasoconstriction, necrosis and vascular insufficiency		
Peripheral coldness	11	0
Site specific vascular disorders NEC		
Pallor	11	0
Vascular hypertensive disorders NEC		
Hypertension	7	0
Vascular hypotensive disorders		
Hypotension	17	0
Orthostatic hypotension	2	0
Vasculitides NEC		
Behcet's syndrome	1	0
Granulomatosis with polyangiitis	1	0
Vasculitis	5	0
Vasculitis necrotising	1	0
Vascular disorders SOC TOTAL	96	2
TOTAL REACTIONS FOR DRUG	8822	39
TOTAL REPORTS	2746	
TOTAL FATAL OUTCOME REPORTS		39