# Case Series Drug Analysis Print Name: Pneumococcal Conjugate Vaccine Drug Analysis Print

Report Run Date: 08-Nov-2021

Data Lock Date: 17-Oct-2021 22:57:05

Earliest Reaction Date: 21-Sep-2001 MedDRA Version: MedDRA 24.0

Pneumococcal Spontaneous UK cases received up to 30/09/2021.

Conjugate Vaccine
Drug Analysis Print:

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Reaction Name	Total	Fatal
Blood disorders		
Anaemias NEC		
Anaemia	3	0
Anaemias haemolytic immune		
Autoimmune haemolytic anaemia	1	0
Anaemias haemolytic mechanical factor		
Haemolytic uraemic syndrome	5	5 O
Haematological disorders		
Mastocytosis	1	0
Haemolyses NEC		
Haemolysis	1	0
Leukocytoses NEC		
Lymphocytic infiltration	1	0
Lymphatic system disorders NEC		
Abdominal lymphadenopathy	1	0
Lymphadenitis	1	0
Lymphadenopathy	3	0
Neutropenias		
Febrile neutropenia	1	0
Neutropenia	1	0
Sickle cell trait and disorders		
Sickle cell anaemia with crisis	1	0
Thrombocytopenias		
Immune thrombocytopenia	2	0
Thrombocytopenia	5	5 O
Blood disorders SOC TOTAL	27	rl o

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Reaction Name	Total	Fatal
Cardiac disorders		
Cardiac disorders NEC		
Cardiac disorder	1	0
Cardiovascular disorder	3	8 0
Heart failures NEC		
Cardiac failure		0
Myocardial disorders NEC		
Cardiomegaly		0
Left ventricular dysfunction	1	0
Pericardial disorders NEC		
Pericardial effusion	2	0
Pericardial haemorrhage	1	0
Rate and rhythm disorders NEC		
Bradycardia	17	' O
Bradycardia neonatal	1	0
Tachycardia	17	' O
Supraventricular arrhythmias		
Atrial fibrillation		0
Supraventricular tachycardia	1	0
Ventricular arrhythmias and cardiac arrest		
Cardiac arrest	13	5
Cardio-respiratory arrest		1
Ventricular fibrillation	1	0
Ventricular tachycardia		0
Cardiac disorders SOC TOTAL	66	6

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Reaction Name	Total	Fatal
Congenital disorders		
Cardiac septal defects congenital		
Atrial septal defect	1	0
Gastric disorders congenital		
Pyloric stenosis	1	0
Neurological disorders congenital NEC		
Congenital nystagmus	1	0
Congenital disorders SOC TOTAL	3	0

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Reaction Name	Total	Fatal
Ear disorders		
Ear disorders NEC		
Ear discomfort	1	0
Ear pain	3	0
Ear swelling	5	0
External ear disorders NEC		
Excessive cerumen production	1	0
External ear infections and inflammations		
External ear inflammation	1	0
Hearing losses		
Deafness	5	0
Inner ear signs and symptoms		
Vertigo	1	0
Ear disorders SOC TOTAL	17	l o

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Reaction Name	Total	Fatal
Eve disorders	lotai	<u>i atai</u>
Conjunctival and corneal bleeding and vascular disorders		
Conjunctival haemorrhage	1	0
Eyelid movement disorders	'	U
Excessive eye blinking	4	0
Eyelid ptosis	1	0
Lacrimation disorders	'	U
Lacrimation increased	2	0
Lid, lash and lacrimal infections, irritations and inflammations		J
Erythema of eyelid	1	0
Eyelid oedema	1	0
Swelling of eyelid	2	0
Ocular disorders NEC		
Eye disorder	1	0
Eye oedema	2	0
Eye swelling	16	0
Periorbital oedema	1	0
Ocular infections, inflammations and associated manifestations	'	
Eye pruritus	1	0
Ocular hyperaemia	1	0
Ocular nerve and muscle disorders	·	
Eye movement disorder	19	0
Gaze palsy	2	0
Strabismus	3	
Ocular sensation disorders	Ĭ	J
Asthenopia	1	0
Photophobia	3	0
Orbital structural change, deposit and degeneration		
Lid sulcus deepened	1	0
Pupil disorders		
Miosis	2	0
Mydriasis	4	0
Pupil fixed	2	0
Pupils unequal	2	0
Visual disorders NEC		
Photopsia	1	0
Vision blurred	2	0
Visual impairment and blindness (excl colour blindness)		
Blindness	2	0
Cortical visual impairment	1	0
Visual impairment	3	0
Eve disorders SOC TOTAL	82	0

Reaction Name	Total	Fatal
Gastrointestinal disorders		1 0.10.1
Abdominal findings abnormal		
Gastrointestinal sounds abnormal	1	0
Colitis (excl infective)		_
Colitis	2	0
Necrotising colitis	2	1
Diarrhoea (excl infective)	_	
Diarrhoea	166	0
Diarrhoea haemorrhagic	2	0
Diarrhoea neonatal	1	0
Dyspeptic signs and symptoms		J
Dyspepsia	3	0
Faecal abnormalities NEC	_	_
Abnormal faeces	10	0
Faecaloma	1	0
Faeces discoloured	12	0
Faeces hard	1	0
Faeces pale	1	0
Faeces soft	2	0
Mucous stools	9	0
Flatulence, bloating and distension		
Abdominal distension	6	0
Flatulence	8	0
Gastritis (excl infective)		
Reflux gastritis	1	0
Gastrointestinal and abdominal pains (excl oral and throat)		_
Abdominal pain	13	0
Abdominal pain upper	17	0
Gastrointestinal pain	1	0
Gastrointestinal atonic and hypomotility disorders NEC		
Constipation	11	0
Gastrooesophageal reflux disease	10	0
Intestinal dilatation	1	0
Gastrointestinal disorders NEC		
Gastrointestinal disorder	2	0
Gastrointestinal inflammatory disorders NEC		
Necrotising enterocolitis neonatal	1	0
Gastrointestinal signs and symptoms NEC		
Abdominal discomfort	11	0
Dysphagia	1	0
Gastrointestinal wall thickening	1	0
Gastrointestinal spastic and hypermotility disorders		
Frequent bowel movements	6	0
Irritable bowel syndrome	1	0
Gastrointestinal stenosis and obstruction NEC		
Intussusception	1	0
Inguinal hernias		
Inguinal hernia, obstructive	1	0
Nausea and vomiting symptoms		
Infantile vomiting	4	0
Nausea	14	0
Regurgitation	1	0
Vomiting	223	0
Vomiting projectile	17	0

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Reaction Name	Total	Fatal
Gastrointestinal disorders ointestinal disorders cont'd		
Non-site specific gastrointestinal haemorrhages		
Haematemesis	1	0
Haematochezia	13	0
Oral dryness and saliva altered		
Salivary hypersecretion	1	0
Oral soft tissue signs and symptoms		
Lip pain	1	0
Oral pain	1	0
Oral soft tissue swelling and oedema		
Lip swelling	12	0
Mouth swelling	2	0
Stomatitis and ulceration		
Mouth ulceration	1	0
Tongue disorders		
Tongue disorder	1	0
Tongue geographic	1	0
Tongue signs and symptoms		
Protrusion tongue	2	0
Swollen tongue	3	0
Tongue blistering	1	0
Tongue discolouration	2	0
Tongue movement disturbance	1	0
Gastrointestinal disorders SOC TOTAL	608	1

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· '	MedDRA Version: MedDRA 24.0		
Reaction Name		<u>Total</u>	<u>Fatal</u>
General disorders			
Application and instillation site reactions			
Application site irritation		1	0
Application site papules		1	0
Application site rash		1	0
Application site swelling		1	0
Asthenic conditions			
Asthenia		15	0
Decreased activity		3	0
Fatigue		23	0
Malaise		92	0
Body temperature altered			
Hyperthermia		1	0
Hypothermia		2	0
Death and sudden death			
Brain death		1	0
Death		19	19
Sudden death		6	6
Sudden infant death syndrome		10	10
Febrile disorders			
Hyperpyrexia		1	0
Pyrexia		545	0
Feelings and sensations NEC			
Chills		15	0
Feeling abnormal		17	0
Feeling cold		4	0
Feeling drunk		1	0
Feeling hot		37	0
Thirst		4	0
Thirst decreased		4	0
Gait disturbances			
Gait disturbance		12	0
Gait inability		10	0
Loss of control of legs		1	0
General signs and symptoms NEC			
Condition aggravated		9	0
Crepitations		1	0
Crying		191	0
Developmental delay		5	0
Developmental regression		1	
Effusion		1	0
Foaming at mouth		1	
General physical health deterioration		2	0
Glassy eyes		5	
High-pitched crying		18	0
Illness		12	
Induration		16	0
Influenza like illness			
Irritability postvaccinal		3 3	0
Local reaction		64	
Moaning		2	0
Multiple organ dysfunction syndrome		1	0
Peripheral swelling		101	0
Pneumatosis		1	0

Earliest Reaction Date: 21-Sep-2001 MedDRA Version: MedDRA 24.0  Reaction Name	Total	Fatal
General disorders General disorders cont'd	Total	<u>i alai</u>
Screaming	94	0
Secretion discharge	3	1
Swelling	75	
Swelling face	21	0
Inflammations		٠ ا
Inflammation	36	0
Injection site reactions		٠ ا
Injection site bruising	6	0
Injection site cyst	1 1	ő
Injection site discharge	1	ő
Injection site discolouration	5	ő
Injection site erosion	1 1	ő
Injection site erythema	134	ő
Injection site hypersensitivity	1	ő
Injection site induration	14	ő
Injection site inflammation	42	
Injection site irritation	1	Ö
Injection site joint erythema	1	ő
Injection site mass	32	0
Injection site movement impairment	1	O
Injection site oedema	3	0
Injection site pain	25	
Injection site pruritus	1	0
Injection site rash	13	
Injection site reaction	66	0
Injection site swelling	110	
Injection site urticaria	5	
Injection site vesicles	4	I
Injection site warmth	26	
Mass conditions NEC		
Cyst	1	0
Mass	6	
Oedema NEC		
Face oedema	2	0
Localised oedema	_	
Oedema	3	
Oedema peripheral	16	0
Pain and discomfort NEC		
Chest discomfort	3	0
Chest pain	1	0
Discomfort	14	
Pain	58	
Tenderness	19	0
Therapeutic and nontherapeutic responses		
Adverse drug reaction	5	I
Adverse reaction	1	0
Drug ineffective	151	0
Immediate post-injection reaction	1	0
Therapeutic product ineffective	231	0
Vaccination failure	22	0
Ulcers NEC		
Ulcer	1	0
Vaccination site reactions		

Reaction Name	Total	Fatal
General disorders General disorders cont'd		
Extensive swelling of vaccinated limb	3	0
Vaccination site bruising	6	0
Vaccination site discomfort	1	0
Vaccination site erythema	48	0
Vaccination site haematoma	2	0
Vaccination site haemorrhage	1	0
Vaccination site induration	17	0
Vaccination site inflammation	9	0
Vaccination site joint erythema	1	0
Vaccination site joint movement impairment	1	0
Vaccination site joint pain	1	0
Vaccination site mass	24	0
Vaccination site movement impairment	1	0
Vaccination site pain	24	0
Vaccination site pruritus	2	0
Vaccination site rash	10	0
Vaccination site reaction	5	0
Vaccination site scab	1	0
Vaccination site swelling	37	0
Vaccination site urticaria	1	0
Vaccination site vesicles	2	0
Vaccination site warmth	14	0
General disorders SOC TOTAL	2734	35

Reaction Name	Total	Fatal
Hepatic disorders		
Cholestasis and jaundice		
Jaundice	2	0
Jaundice cholestatic	1	0
Hepatobiliary signs and symptoms		
Hepatomegaly	1	0
Hepatic disorders SOC TOTAL	4	l o

Reaction Name	Total	Fatal
Immune system disorders		
Allergic conditions NEC		
Allergy to metals	1	0
Hypersensitivity	40	0
Multiple allergies	2	0
Serum sickness-like reaction	1	0
Type III immune complex mediated reaction	1	0
Allergies to foods, food additives, drugs and other chemicals		
Allergy to vaccine	1	0
Drug hypersensitivity	1	0
Food allergy	3	0
Milk allergy	6	0
Reaction to excipient	1	0
Rubber sensitivity	1	0
Anaphylactic and anaphylactoid responses		
Anaphylactic reaction	32	1
Anaphylactic shock	2	0
Anaphylactoid reaction	1	0
Immune and associated conditions NEC		
Decreased immune responsiveness	1	0
Immune system disorder	2	0
Immune-mediated adverse reaction	1	0
Immunisation reaction	2	0
Sensitisation	1	0
Immunodeficiency disorders NEC		
Hypogammaglobulinaemia	1	0
Immunodeficiency	3	0
Immune system disorders SOC TOTAL	104	1

Earliest Reaction Date: 21-Sep-2001 MedDRA Version: MedDRA	A 24.0	
Reaction Name	<u>Total</u>	<u>Fatal</u>
Infections		
Abdominal and gastrointestinal infections		
Gastroenteritis	2	0
Bacterial infections NEC		
Administration site cellulitis	1	0
Arthritis bacterial	4	· o
Bacterial infection	1	0
Bacterial sepsis	4	· o
Cellulitis	32	2 0
Injection site cellulitis	4	· o
Meningitis bacterial	3	3 o
Pyomyositis	1	0
Skin bacterial infection	3	
Vaccination site cellulitis	6	s 0
Bone and joint infections		
Intervertebral discitis	1	0
Bordetella infections		
Pertussis	2	2 0
Candida infections		
Candida infection		0
Oral candidiasis	3	3 o
Cardiac infections		
Endocarditis	1	0
Central nervous system and spinal infections		
Cavernous sinus thrombosis	1	0
Encephalitis	8	3 1
Meningitis	13	3 o
Meningitis aseptic	7	' 0
Subdural abscess	1	0
Coxsackie viral infections		
Hand-foot-and-mouth disease	1	0
Dental and oral soft tissue infections		
Gingivitis	1	0
Ear infections		
Ear infection	8	3 O
Mastoiditis	3	3 O
Otitis media	4	<b>∤</b> 0
Enteroviral infections NEC		
Meningitis enteroviral	1	0
Eye and eyelid infections		
Conjunctivitis	6	6 0
Eye infection	1	0
Haemophilus infections		
Haemophilus bacteraemia	1	0
Haemophilus sepsis	1	0
Herpes viral infections		
Herpes virus infection	1	0
Herpes zoster	1	0
Oral herpes	1	0
Varicella	1	0
Infections NEC		
Abscess	2	
Abscess limb	1	0
Empyema	62	<u> </u>

· '	edDRA Version: MedDRA 24.0	F-1-1
Reaction Name	Total	<u> Fatal</u>
micodono		
Febrile infection		1 0
Infection		7 0
Injection site abscess		3 0
Injection site infection		3 0 1 0
Localised infection		
Vaccination site abscess		5 0 3 0
Vaccination site infection		3 0
Influenza viral infections		
Influenza	;	3 0
Lower respiratory tract and lung infections		
Bronchitis		4 0
Infectious pleural effusion		1 0
Lower respiratory tract infection	25	
Pneumonia	46	
Pneumonia necrotising		1 0
Mumps viral infections		
Mumps		1 0
Neisseria infections		
Meningococcal infection		2 0
Meningococcal sepsis	•	1 0
Parainfluenzae viral infections		
Parainfluenzae virus infection	•	1 0
Respiratory syncytial viral infections		
Respiratory syncytial virus bronchiolitis		4 0
Respiratory syncytial virus infection	•	1 0
Rhinoviral infections		
Rhinovirus infection	•	1 0
Rotaviral infections		
Gastroenteritis rotavirus	•	1 0
Rubeola viral infections		
Measles	•	1 0
Salmonella infections		
Salmonellosis		1 0
Sepsis, bacteraemia, viraemia and fungaemia N		
Bacteraemia	14	η σ
Sepsis	34	
Septic shock	•	1 0
Skin structures and soft tissue infections		
Eczema infected		1 0
Skin infection		3 0
Staphylococcal infections		
Staphylococcal infection	•	1 0
Staphylococcal sepsis	•	1 0
Streptococcal infections		
Meningitis pneumococcal	47	1
Pharyngitis streptococcal	•	1 0
Pneumococcal bacteraemia	17	
Pneumococcal infection	329	
Pneumococcal sepsis	20	
Pneumonia pneumococcal	23	3 1
Pneumonia streptococcal		3 0
Septic arthritis streptococcal		1 0
Streptococcal bacteraemia		<u>1 0</u>

Reaction Name	Total	Fatal
Infections Infections cont'd		
Streptococcal sepsis	2	0
Tonsillitis streptococcal	1	0
Upper respiratory tract infections		
Croup infectious	4	0
Nasopharyngitis	12	0
Pharyngitis	1	0
Rhinitis	8	0
Tonsillitis	6	0
Upper respiratory tract infection	11	0
Urinary tract infections		
Kidney infection	1	0
Urinary tract infection	3	0
Viral infections NEC		
Bronchiolitis	8	0
Gastroenteritis viral	1	0
Viral infection	5	0
Viral rash	1	0
Viral upper respiratory tract infection	3	0
Infections SOC TOTAL	882	17

Reaction Name	Total	Fatal
Injuries		
Cerebral injuries NEC		
Craniocerebral injury	1	0
Exposures associated with pregnancy, delivery and lactation		
Exposure via breast milk	1	0
Maternal exposure during breast feeding	1	0
Medication errors, product use errors and issues NEC		
Medication error	2	0
Wrong technique in product usage process	2 2	0
Muscle, tendon and ligament injuries		
Muscle injury	1	0
Non-site specific injuries NEC		
Injury	1	0
Wound secretion	2	0
Product administration errors and issues		
Extra dose administered	1	0
Inappropriate schedule of product administration	9	0
Incomplete course of vaccination	1	0
Incorrect dose administered	2	0
Incorrect route of product administration	2 2 2 7	0
Product administered at inappropriate site	2	0
Product administered to patient of inappropriate age	7	0
Product administration error	4	
Wrong product administered	1	0
Product prescribing errors and issues		
Product prescribing error	1	0
Product prescribing issue	1	0
Product storage errors and issues in the product use system		
Product storage error	3	0
Skin injuries NEC		
Contusion	14	0
Scar	1	0
Scratch	1	0
Skin injury	1	0
Skin laceration	1	0
Vaccination related complications		
Post vaccination syndrome	1	0
Vaccination complication	3	0
Injuries SOC TOTAL	67	

Earliest Reaction Date: 21-Sep-2001 MedDRA Version: MedDRA 24.0	Total	Cotol
Reaction Name	Total	Fatal
Investigations  Restaria identification and apple or (avalant substaria)		
Bacteria identification and serology (excl mycobacteria)	4	0
Streptococcus test positive	1	0
Blood gas and acid base analyses	20	0
Oxygen saturation decreased	20	0
Carbohydrate tolerance analyses (incl diabetes)		0
Blood glucose fluctuation	1	0
Cardiac auscultatory investigations		0
Cardiac murmur	1	0
Central nervous system histopathology procedures		0
Biopsy brain abnormal	1	0
Cerebrospinal fluid tests (excl microbiology)	4	0
CSF white blood cell count increased	1	0
Chemistry analyses NEC	0	0
Inflammatory marker increased	2	0
Coagulation and bleeding analyses		0
Coagulation test abnormal	1	0
Heart rate and pulse investigations	0	0
Heart rate abnormal	3	0
Heart rate decreased	2	0
Heart rate increased	12	0
Pulse abnormal	1	0
Immunology analyses NEC		0
Antibody test abnormal	2	0
Antibody test negative	2	0
Tryptase increased	1	0
Metabolism tests NEC	4	_
Blood ketone body increased	1	0
Mineral and electrolyte analyses	4	_
Blood magnesium decreased	1	0
Blood sodium decreased	2	0
Ophthalmic function diagnostic procedures	4	0
Intraocular pressure increased	1	0
Physical examination procedures and organ system status		0
Body temperature	1	0
Body temperature abnormal	4	0
Body temperature decreased	3	0
Body temperature fluctuation	3	0
Body temperature increased Breath sounds abnormal	65	0
	3 1	0
Respiratory rate decreased	-	0
Respiratory rate increased	3 3	0
Weight decreased	3	0
Platelet analyses Platelet count increased	3	0
	3	0
Protein analyses NEC	47	0
C-reactive protein increased	17	0
Red blood cell analyses	0	0
Haemoglobin decreased	3	0
Renal function analyses		_
Blood creatinine decreased	1	0
Blood urea decreased	1	0
Urinalysis NEC		
Blood urine present	1	0

Reaction Name	Total	Fatal
Investigations Investigations cont'd		
White blood cells urine	1	0
Urinary tract function analyses NEC		
Urine output decreased	4	0
Vascular tests NEC (incl blood pressure)		
Blood pressure decreased	1	0
Capillary nail refill test abnormal	1	0
Virus identification and serology		
Coronavirus test positive	1	0
White blood cell analyses		
Eosinophil count increased	1	0
Lymphocyte count increased	1	0
Neutrophil count decreased	1	0
White blood cell count decreased	1	0
White blood cell count increased	5	0
Investigations SOC TOTAL	185	0

Reaction Name	Total	Fatal
Metabolic disorders		
Appetite disorders		
Appetite disorder	2	0
Decreased appetite	92	0
Food refusal	2	0
Hypophagia	6	0
Cell metabolism disorders NEC		
Mitochondrial cytopathy	1	0
Chloride imbalance		
Hyperchloraemia	1	0
Fluid intake decreased		
Fluid intake reduced	2	0
Fluid intake increased		
Polydipsia	1	0
Food malabsorption and intolerance syndromes (excl sugar intolerance)		
Dairy intolerance	3	0
Food intolerance	3	0
General nutritional disorders NEC		
Abnormal loss of weight	1	0
Failure to thrive	1	0
Feeding disorder	7	0
Food aversion	4	0
Poor feeding infant	53	0
Weight gain poor	4	0
Hypoglycaemic conditions NEC		
Hypoglycaemia	1	0
Metabolic acidoses (excl diabetic acidoses)		
Metabolic acidosis	3	0
Potassium imbalance		
Hyperkalaemia	1	0
Sodium imbalance		
Hyponatraemia	2	0
Sugar intolerance (excl glucose intolerance)		
Lactose intolerance	2	0
Total fluid volume decreased		
Dehydration	5	0
Metabolic disorders SOC TOTAL	197	0

Reaction Name	Total	Fatal
Muscle & tissue disorders	Total	i alai
Arthropathies NEC		
Arthritis	1	0
Polyarthritis	1	0
Joint related disorders NEC		
Hypermobility syndrome	2	0
Periarthritis	2	0
Joint related signs and symptoms		0
Arthralgia	14	0
Joint effusion	1	0
Joint range of motion decreased	1	0
Joint swelling	5	0
Joint warmth	1	0
Muscle pains	'	J
Myalgia	8	0
Muscle related signs and symptoms NEC		
Muscle disorder	1	0
Muscle spasms	4	0
Muscle tightness	1	0
Muscle twitching	8	0
Muscle tone abnormalities	Ŭ	,
Floppy infant	32	0
Muscle rigidity	7	0
Trismus	1	0
Muscle weakness conditions		
Muscular weakness	3	0
Musculoskeletal and connective tissue conditions NEC		
Limb mass	1	0
Musculoskeletal stiffness	18	0
Posture abnormal	2	0
Toe walking	1	0
Weight bearing difficulty	11	0
Musculoskeletal and connective tissue pain and discomfort		
Limb discomfort	6	0
Musculoskeletal discomfort	1	0
Musculoskeletal pain	1	0
Neck pain	2	0
Pain in extremity	53	0
Tendon disorders		
Tendonitis	1	0
Muscle & tissue disorders SOC TOTAL	190	0

Reaction Name	Total	Fatal
Neoplasms		
Leukaemias acute lymphocytic		
Acute lymphocytic leukaemia	2	. 0
Myelodysplastic syndromes		
Myelodysplastic syndrome	1	0
Nervous system neoplasms unspecified malignancy NEC		
Astrocytoma	1	0
Rhabdomyosarcomas		
Rhabdomyosarcoma	1	0
Skin neoplasms malignant and unspecified (excl melanoma)		
Neoplasm skin	1	0
Neoplasms SOC TOTAL	6	l o

Earliest Reaction Date: 21-Sep-2001 MedDRA Version: MedDRA 24.0		
Reaction Name	<u>Total</u>	<u>Fatal</u>
Nervous system disorders		
Absence seizures		
Petit mal epilepsy	10	0
Central nervous system haemorrhages and cerebrovascular accidents		
Cerebral infarction	1	0
Intraventricular haemorrhage	1	0
Ruptured cerebral aneurysm	1	0
Central nervous system vascular disorders NEC		
Brain hypoxia	1	0
Cerebrovascular venous and sinus thrombosis		
Superior sagittal sinus thrombosis	1	0
Coordination and balance disturbances		
Balance disorder	4	0
Coordination abnormal	1	0
Dysstasia	1	0
Hand-eye coordination impaired	1	0
Nystagmus	1	0
Cortical dysfunction NEC		Ĭ
Aphasia	4	0
Dyspraxia	2	0
Sensory processing disorder	2	0
Disturbances in consciousness NEC	_	Ŭ
Depressed level of consciousness	6	0
Lethargy	58	
Loss of consciousness	17	0
Sedation	1	0
Somnolence	77	0
Syncope	16	0
Dyskinesias and movement disorders NEC		Ĭ
Dyskinesia	26	0
Fine motor delay	1	0
Hypokinesia	3	0
Motor dysfunction	1	0
Movement disorder	3	0
Psychomotor hyperactivity	3	
Dystonias		J
Dystonia	1	0
Opisthotonus	3	0
Encephalopathies NEC	Ŭ	Ŭ
Hypoxic-ischaemic encephalopathy	1	0
Generalised tonic-clonic seizures		
Generalised tonic-clonic seizure	15	0
Headaches NEC		
Headache	10	0
Tension headache	1	0
Hydrocephalic conditions		J
Hydrocephalus	2	0
Increased intracranial pressure disorders		J
Brain oedema	3	0
Intellectual disabilities	3	U
Intellectual disability	1	0
· ·	1	U
Mental impairment (excl dementia and memory loss)	2	0
Cognitive disorder	2	0
Disturbance in attention	. 3	. ()

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Reaction Name Nervous system disorders cont'd	Total	<u>Fatal</u>
Muscle tone abnormal		
	1	
Hypertonia	67	0
Hypotonia  Negretones and hypographic	67	"
Narcolepsy and hypersomnia	11	_
Hypersomnia Nervous system disorders NEC	- 11	0
	1	_
Brain stem syndrome		0
Nervous system disorder Subdural effusion	3	0
	3	"
Neurological signs and symptoms NEC	1	_
Cerebrospinal fluid leakage Dizziness		0
	8	0
Dizziness postural		I
Drooling  Evaggerated startle response	2 2	0
Exaggerated startle response		I
Fontanelle bulging	6	
Grimacing		0
Hyporesponsive to stimuli	5	0
Inability to crawl		0
Infant irritability	2	0
Meningism	1	0
Myoclonus	1	0
Neurological decompensation	1	0
Neurological symptom	1	0
Pleocytosis	3	I
Presyncope	4	0
Unresponsive to stimuli	66	0
Neuromuscular disorders NEC	40	
Hypotonic-hyporesponsive episode	10	I
Muscle spasticity	1	0
Paraesthesias and dysaesthesias		
Burning sensation	2	0
Hyperaesthesia	2	0
Hypoaesthesia	2	0
Paraesthesia	3	"
Paralysis and paresis (excl cranial nerve)	1	_
Paralysis Seizures and seizure disorders NEC		0
	9	_
Epilepsy Epileptic encephalonathy	9	0
Epileptic encephalopathy Febrile convulsion	10	
Infantile spasms	48	0
•	9	0
Partial seizures		
Seizure anavia	79	
Seizure aluster		0
Seizure like phonomone	2	0
Seizure like phenomena		0
Status epilepticus	4	0
Sensory abnormalities NEC	4	_
Restless legs syndrome	1	0
Sensory disturbance	1	0
Sleep disturbances NEC		
Sleep deficit	11	0

Reaction Name	Total	Fatal
Nervous system disorders us system disorders cont'd		
Speech and language abnormalities		
Speech disorder	3	0
Speech disorder developmental	3	0
Spinal cord and nerve root disorders NEC		
Radiculopathy	1	0
Tremor (excl congenital)		
Tremor	24	0
Nervous system disorders SOC TOTAL	688	0

Reaction Name	Total	Fatal
Pregnancy conditions		
Newborn complications NEC		
Neonatal disorder	4	0
Pregnancy conditions SOC TOTAL	4	0

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Reaction Name	Total	Fatal
Device physical property and chemical issues		
Needle issue	2	0
Product quality issues NEC		
Product quality issue	4	0
null SOC TOTAL	6	0

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Reaction Name	<u>Total</u>	<u>Fatal</u>
Psychiatric disorders		
Abnormal behaviour NEC		
Abnormal behaviour	21	0
Behaviour disorder	1	0
Breath holding	11	0
Regressive behaviour	1	0
Staring	10	0
Adjustment disorders		
Adjustment disorder	1	0
Affect alterations NEC		
Flat affect	1	0
Anxiety symptoms		
Agitation	9	0
Anxiety	4	0
Stress	1	0
Attention deficit and disruptive behaviour disorders		
Attention deficit hyperactivity disorder	1	0
Behaviour and socialisation disturbances		
Aggression	3	0
Disturbance in social behaviour	1	0
Personality change	4	
Social avoidant behaviour	1	ő
Communications disorders	'	
Mutism	1	0
Confusion and disorientation	'	J
Confusional state	1	0
Disorientation	3	
	3	U
Decreased physical activity levels  Catatonia	2	0
		U
Disturbances in initiating and maintaining sleep Initial insomnia	1	0
Insomnia	24	
Middle insomnia	3	
	ა	U
Dyssomnias  Dear quality along	E	0
Poor quality sleep  Eating disorders NEC	5	0
	2	0
Eating disorder	3 5	
Selective eating disorder  Emotional and mood disturbances NEC	)	0
Emotional distress	20	_
	30	0
Emotional poverty	450	
Irritability	159	
Mood altered	6	0
Fear symptoms and phobic disorders (incl social phobia)		_
Fear of eating	1	0
Social fear	1	0
Hallucinations (excl sleep-related)	_	_
Hallucination	5	0
Hallucination, auditory	1	0
Hallucinations, mixed	1	0
Increased physical activity levels		_
Restlessness	30	0
Mental disorders NEC		
Mental disorder	3	0

Reaction Name	Total	Fatal
Psychiatric disorders <sup>Psychiatric</sup> disorders cont'd		
Mood alterations with depressive symptoms		
Depressed mood	5	
Tearfulness	1	0
Mood disorders NEC		
Apathy	1	0
Listless	9	0
Obsessive-compulsive disorders and symptoms		
Obsessive-compulsive symptom	1	0
Parasomnias		
Sleep terror	4	0
Personality disorders with anxious behaviour (Cluster C)		
Dependent personality disorder	1	0
Pervasive developmental disorders NEC		
Autism spectrum disorder	14	0
Psychiatric elimination disorders		
Enuresis	1	0
Psychiatric symptoms NEC		
Decreased eye contact	4	0
Sleep disorders NEC		
Sleep disorder	17	0
Somatic symptom disorders		
Conversion disorder	1	0
Speech articulation and rhythm disturbances		
Lack of spontaneous speech	1	0
Stereotypies and automatisms		
Head banging	3	0
Suicidal and self-injurious behaviour		
Self-injurious ideation	1	0
Tic disorders		
Tic	1	0
Psychiatric disorders SOC TOTAL	421	l o

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Reaction Name	Total	Fatal
Renal & urinary disorders		
Bladder and urethral symptoms		
Urinary retention	1	0
Glomerulonephritis and nephrotic syndrome		
Nephrotic syndrome	1	0
Renal failure and impairment		
Acute kidney injury	3	0
Anuria		0
Renal structural abnormalities and trauma		
Kidney enlargement		0
Urinary abnormalities		
Haematuria	1	0
Urine abnormality	1	0
Renal & urinary disorders SOC TOTAL	9	l 0

Reaction Name	Total	Fatal
Reproductive & breast disorders		
Reproductive tract disorders NEC (excl neoplasms)		
Genital blister	1	0
Reproductive tract signs and symptoms NEC		
Genital rash	1	0
Genital swelling	1	0
Scrotal disorders NEC		
Scrotal swelling	1	0
Testicular and epididymal disorders NEC		
Testicular pain	1	0
Reproductive & breast disorders SOC TOTAL	5	0

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Reaction Name	Total	<u>Fatal</u>
Respiratory disorders		
Breathing abnormalities		
Apnoea	35	0
Apnoeic attack	7	0
Dyspnoea	47	0
Grunting	5	0
Hyperventilation	1	0
Hypopnoea	9	0
Hypoventilation	9	0
Irregular breathing	1	0
Respiration abnormal	2	0
Respiratory arrest	19	1
Respiratory distress	9	0
Tachypnoea	8	0
Bronchospasm and obstruction	J	J
Asthma	2	0
Wheezing	25	0
Conditions associated with abnormal gas exchange	25	U
Asphyxia	1	0
Cyanosis central	1	0
Hypoxia	2	1
Respiratory acidosis	1	0
Coughing and associated symptoms	40	0
Cough	42	0
Haemoptysis	1	0
Productive cough	6	0
Sputum discoloured	1	0
Laryngeal spasm, oedema and obstruction		
Stridor	3	0
Lower respiratory tract signs and symptoms		
Pleuritic pain	1	0
Pulmonary haemorrhage	3	1
Rales	1	0
Nasal congestion and inflammations		
Nasal congestion	5	0
Nasal disorders NEC		
Epistaxis	2	0
Neonatal hypoxic conditions		
Infantile apnoea	5	0
Neonatal hypoxia	3	0
Parenchymal lung disorders NEC		
Lung consolidation	3	0
Pharyngeal disorders (excl infections and neoplasms)		
Pharyngeal erythema	6	0
Pharyngeal swelling	1	0
Pleural infections and inflammations		
Pleurisy	1	0
Pneumothorax and pleural effusions NEC		
Pleural effusion	16	0
Pneumothorax	3	0
Pulmonary oedemas		Ŭ
Pulmonary congestion	1	0
Pulmonary congestion  Pulmonary oedema	1	0
Respiratory failures (excl neonatal)		U
Nespiratory ranures (excriteoriatal)		

Reaction Name	Total	Fatal
Respiratory disorders espiratory disorders cont'd		
Acute respiratory failure	1	1
Respiratory failure	1	0
Respiratory signs and symptoms NEC		
Use of accessory respiratory muscles	1	0
Respiratory tract disorders NEC		
Lung disorder	1	1
Respiratory disorder	5	0
Tracheal disorders (excl infections and neoplasms)		
Tracheal disorder	1	0
Upper respiratory tract signs and symptoms		
Choking	5	0
Dysphonia	3	0
Nasal discomfort	1	0
Nasal obstruction	1	0
Oropharyngeal pain	12	0
Rhinorrhoea	17	0
Sneezing	1	0
Throat irritation	1	0
Respiratory disorders SOC TOTAL	333	5

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Reaction Name		taı	<u>Fatal</u>
Skin disorders			
Angioedemas			_
Angioedema		4	0
Apocrine and eccrine gland disorders			•
Cold sweat		11	0
Hyperhidrosis		17	0
Bullous conditions			
Blister		15	0
Dermatitis bullous		1	0
Erythema multiforme		9	0
Pemphigoid			
Stevens-Johnson syndrome		1	0
Dermal and epidermal conditions NEC			
Dry skin		8	0
Macule		1	0
Pain of skin		4	0
Papule		7	0
Scab		1	0
Skin burning sensation		3	0
Skin discolouration		36	0
Skin discomfort		1	0
Skin disorder		3	0
Skin induration		3	0
Skin lesion		5 1	0
Skin odour abnormal		1	0
Skin plaque		1	0
Skin reaction		12	0
Skin tightness		4	0
Skin warm		29	
Skin weeping		1	0
Yellow skin		1	0
Dermatitis and eczema			_
Dermatitis		1	0
Dermatitis allergic		20	0
Dermatitis atopic		2 7	0
Dermatitis diaper			Ŭ
Eczema		19	0
Eczema infantile		1	0
Eczema weeping		1	0
Skin irritation		1	0
Dermatitis ascribed to specific agent			_
Drug eruption		1	0
Palmar-plantar erythrodysaesthesia syndroi	me	1	0
Erythemas			_
Erythema		283	0
Exfoliative conditions		_	
Skin exfoliation		3	0
Pilar disorders NEC			_
Hair growth abnormal		1	0
Pruritus NEC		_	
Pruritus		23	0
Purpura and related conditions			
Ecchymosis		1	0
Henoch-Schonlein purpura		2	0

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Reaction Name	Total	Fatal
Skin disorders Cont'd		
Petechiae	35	0
Purpura	20	0
Rashes, eruptions and exanthems NEC		
Rash	266	0
Rash erythematous	37	0
Rash macular	72	0
Rash maculo-papular	16	0
Rash morbilliform	14	0
Rash papular	24	0
Rash pruritic	6	0
Rash rubelliform	2	0
Rash vesicular	3	0
Skin and subcutaneous conditions NEC		
Skin mass	5	0
Skin vasomotor conditions		
Livedo reticularis	22	0
Urticarias		
Urticaria	113	0
Urticaria pigmentosa	1	0
Urticaria pressure	1	0
Skin disorders SOC TOTAL	1186	0

Reaction Name	Total	Fatal
Social circumstances		
Disability issues		
Immobile	2	0
Social circumstances SOC TOTAL	2	0

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Reaction Name	Total	Fatal
Surgical & medical procedures		
Inner ear therapeutic procedures		
Cochlea implant	1	0
Therapeutic procedures NEC		
Medical device removal	1	0
Surgical & medical procedures SOC TOTAL	2	0

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Reaction Name	Total	Fatal
Vascular disorders		
Aneurysms and dissections non-site specific		
Aneurysm	1	0
Arterial infections and inflammations		
Kawasaki's disease	1	1
Circulatory collapse and shock		
Circulatory collapse	7	0
Hypoperfusion	1	0
Shock	5	0
Haemorrhages NEC		
Haematoma	1	0
Lymphoedemas		
Lymphoedema	1	0
Non-site specific embolism and thrombosis		
Venous thrombosis	1	0
Non-site specific necrosis and vascular insufficiency NEC		
Fibromuscular dysplasia	1	0
Non-site specific vascular disorders NEC		
Capillary fragility	1	0
Superficial vein prominence	1	0
Peripheral vascular disorders NEC		
Cyanosis	37	0
Flushing	9	0
Hot flush	3	0
Peripheral vasoconstriction, necrosis and vascular insufficiency		
Peripheral coldness	8	0
Poor peripheral circulation	2	0
Site specific vascular disorders NEC		
Pallor	123	0
Vascular hypertensive disorders NEC		
Hypertension	1	0
Vascular disorders SOC TOTAL	204	
TOTAL REACTIONS FOR DRUG	8032	66
TOTAL REPORTS	2801	
TOTAL FATAL OUTCOME REPORTS		66