Case Series Drug Analysis Print Name: FOI 22 484 - Meningitis B Vaccine Drug Ananlysis Print

Report Run Date: 11-Mar-2022

Data Lock Date: 02-Mar-2022 20:51:21

Earliest Reaction Date: 15-Aug-2009 MedDRA 24.1 MedDRA Version:

FOI 22 484 -All spontaneous suspected Adverse Drug Reaction Meningitis B Vaccine Drug Ananlysis Print: (ADR) reports associated with the MenB vaccine

within UK until 02/03/2022

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Reaction Name	Total	Fatal
Blood disorders		
Anaemias NEC		
Anaemia	1	0
Haemolyses NEC		
Haemolysis	2	0
Leukocytoses NEC		
Lymphocytic infiltration	1	0
Neutrophilia	1	0
Lymphatic system disorders NEC		
Lymphadenopathy	7	0
Marrow depression and hypoplastic anaemias		
Myelosuppression	1	0
Thrombocytopenias		
Immune thrombocytopenia	2	0
Blood disorders SOC TOTAL	15	0

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Reaction Name	Total	Fatal
Cardiac disorders		
Cardiac signs and symptoms NEC		
Palpitations	3	0
Coronary artery disorders NEC		
Coronary artery aneurysm	1	0
Rate and rhythm disorders NEC		
Bradycardia	g	0
Bradycardia neonatal	3	0
Tachycardia	27	0
Supraventricular arrhythmias		
Sinus arrhythmia	1	0
Supraventricular tachycardia	1	0
Ventricular arrhythmias and cardiac arrest		
Cardiac arrest	4	. 2
Cardio-respiratory arrest	4	1
Ventricular fibrillation	1	0
Cardiac disorders SOC TOTAL	54	3

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Reaction Name	Total	Fatal
Congenital disorders		
Congenital disorders NEC		
Young's syndrome	1	0
Congenital disorders SOC TOTAL	1	l o

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Reaction Name	Total	Fatal
Ear disorders		
Ear disorders NEC		
Ear discomfort	1	0
Ear pain	1	0
Ear swelling	4	0
Hearing losses		
Deafness	2	0
Hypoacusis	1	0
Inner ear signs and symptoms		
Tinnitus	2	0
Vertigo	2	0
Tympanic membrane disorders (excl infections)		
Tympanic membrane hyperaemia	1	0
Ear disorders SOC TOTAL	14	l o

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Earliest Reaction Date: 15-Aug-2009 MedDRA Version: MedDRA 24.1		
Reaction Name	_Total_	<u>Fatal</u>
Eye disorders		
Cataract conditions		
Cataract	1	0
Conjunctival and corneal bleeding and vascular disorders		
Conjunctival haemorrhage	1	0
Eyelid movement disorders		
Excessive eye blinking	1	0
Eyelid function disorder	1	0
Iris and uveal tract infections, irritations and inflammations		
Iridocyclitis	1	0
Lacrimation disorders		
Lacrimation increased	2	0
Tear discolouration	1	0
Lid, lash and lacrimal infections, irritations and inflammations		
Erythema of eyelid	1	0
Swelling of eyelid	2	0
Ocular disorders NEC		
Dark circles under eyes	1	0
Eye disorder	1	0
Eye oedema	1	0
Eye pain	2	0
Eye swelling	5	0
Periorbital swelling	1	0
Ocular infections, inflammations and associated manifestations		
Ocular hyperaemia	1	0
Ocular nerve and muscle disorders		
Eye movement disorder	16	0
Gaze palsy	2	0
Strabismus	3	0
Ocular sensation disorders		
Photophobia	7	0
Optic disc abnormalities NEC		
Papilloedema	1	0
Pupil disorders		
Miosis	1	0
Mydriasis	2	0
Pupillary disorder	1	0
Pupils unequal	1	0
Scleral structural change, deposit and degeneration		
Scleral discolouration	1	0
Visual disorders NEC		
Vision blurred	4	0
Visual impairment and blindness (excl colour blindness)		
Blindness	1	0
Blindness transient	1	0
Cortical visual impairment	1	0
Visual impairment	4	0
Eve disorders SOC TOTAL	69	0

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Earliest Reaction Date: 15-Aug-2009 MedDRA Version: MedDRA 24.1		
Reaction Name	_Total_	<u>Fatal</u>
Gastrointestinal disorders		
Abdominal findings abnormal		
Gastrointestinal sounds abnormal	3	0
Colitis (excl infective)		
Necrotising colitis	1	1
Diarrhoea (excl infective)		
Diarrhoea	132	0
Diarrhoea haemorrhagic	1	0
Dyspeptic signs and symptoms		
_ Dyspepsia	3	0
Faecal abnormalities NEC	_	_
Abnormal faeces	6	0
Faecaloma	1	0
Faeces discoloured	10	0
Faeces pale	2	0
Faeces soft	1	0
Mucous stools	8	0
Flatulence, bloating and distension	_	•
Abdominal distension	7	0
Flatulence	8	0
Gastritis (excl infective)		0
Reflux gastritis	1	0
Gastrointestinal and abdominal pains (excl oral and throat)	4.4	0
Abdominal pain	14 24	0
Abdominal pain upper	24	0
Gastrointestinal atonic and hypomotility disorders NEC	13	0
Constipation Contractor based reflex disease	9	0
Gastrooesophageal reflux disease Gastrointestinal disorders NEC	9	0
Gastric disorder	1	0
Gastrointestinal dyskinetic disorders	ľ	U
Change of bowel habit	1	0
Infant dyschezia		0
Gastrointestinal signs and symptoms NEC	'	J
Abdominal discomfort	13	0
Dysphagia	3	0
Gastrointestinal spastic and hypermotility disorders	Ŭ	Ŭ
Frequent bowel movements	3	0
Irritable bowel syndrome	1	0
Gastrointestinal stenosis and obstruction NEC		
Intussusception	1	0
Malabsorption syndromes		
Coeliac disease	2	0
Nausea and vomiting symptoms		
Infantile vomiting	8	0
Nausea	34	0
Retching	2	0
Vomiting	238	0
Vomiting projectile	27	0
Non-site specific gastrointestinal haemorrhages		
Haematochezia	6	0
Oral dryness and saliva altered		
Dry mouth	1	0
Salivary hypersecretion	1	0

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Reaction Name	Total	Fatal
Gastrointestinal disorders cont'd		
Oral soft tissue disorders NEC		
Chapped lips		0
Lip disorder	1	0
Oral soft tissue signs and symptoms		
Lip discolouration	1	0
Oral discomfort		0
Oral mucosal blistering	1	0
Oral pain	2	2 0
Oral soft tissue swelling and oedema		
Lip swelling	6	0
Salivary gland enlargements		
Parotid gland enlargement		0
Salivary gland enlargement	1	0
Stomatitis and ulceration		
Aphthous ulcer	1	0
Mouth ulceration	3	0
Tongue disorders		
Tongue geographic		0
Tongue ulceration	1	0
Tongue signs and symptoms		
Protrusion tongue	1	0
Strawberry tongue	1	0
Swollen tongue	4	0
Tongue movement disturbance	1	0
Gastrointestinal disorders SOC TOTAL	615	1

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Earliest Reaction Date: 15-Aug-2009	MedDRA Version: MedDRA 24.1		
Reaction Name		Total	Fatal
General disorders			
Administration site reactions NEC			
Administration site bruise		2	0
Administration site erythema		3	0
Administration site inflammation		1	0
Administration site swelling		1	0
Application and instillation site reactions			
Application site erythema		1	0
Application site rash		1	0
Application site swelling		2	0
Asthenic conditions		_	J
Asthenia		13	0
Decreased activity		1	0
Fatigue		38	0
Malaise		116	0
Body temperature altered		''	
Hyperthermia		1	0
Hypothermia		4	0
Death and sudden death			J
Death Death		7	7
Sudden death		5	5
Sudden infant death syndrome		6	5
Febrile disorders			J
Fever neonatal		1	0
Hyperpyrexia		10	0
Pyrexia		892	0
Feelings and sensations NEC		032	U
Chills		33	0
Feeling abnormal		17	0
Feeling cold		8	0
Feeling drunk		1	0
Feeling drunk		33	0
Feeling not		1	0
Feeling of body temperature change			0
Thirst		2	0
Thirst decreased		3	_
Gait disturbances		١	U
Gait disturbance		26	0
Gait inability		17	0
Loss of control of legs		17	0
General signs and symptoms NEC		'	U
Condition aggravated		6	0
Crying		176	0
Developmental delay		4	0
Developmental regression		3	0
Foaming at mouth		1	
General physical health deterioration		2	0
General symptom		1	
Glassy eyes		4	0
		20	
High-pitched crying Illness		20	0
Induration		18	
Induration Influenza like illness			
		6	
Irritability postvaccinal		4	0

Ceneral disorders General disorders cont	Earliest Reaction Date: 15-Aug-2009 MedDRA Version: MedD	RA 24.1	
Local reaction	Reaction Name	Total	Fatal
Moutiple organ dysfunction syndrome 4 0 Peripheral swelling 85 Screaming 57 0 Screaming 57 0 Screaming 65 3 Swelling face 15 Inflammations Inflammations 115 Inflammations Inflammations 1 15 Inflammations 1 1 Inflammations 1 1 Inflection site inflammatory response syndrome 1 1 Injection site inflammatory response syndrome 1 1 Injection site inflammatory response syndrome 1 0 Injection site discomfort 2 2 Injection site discomfort 2 2 Injection site discomfort 2 0 Injection site discomfort 2 0 Injection site extravasation 1 1 Injection site induration 1 1 Injection site induration 1 1 Injection site induration 8	General disorders General disorders cont'd		
Multiple organ dysfunction syndrome	Local reaction	12	0
Peripheral swelling	Moaning	4	0
Peripheral swelling	Multiple organ dysfunction syndrome	1	0
Screaming Screetion discharge Secretion discharge Swelling Systemic inflammation 20		85	0
Secretion discharge 3 5 5 5 5 5 5 5 5 5			
Swelling face		3	0
Inflammations		65	
Inflammations	Swelling face	15	0
Systemic inflammatory response syndrome Injection site reactions Injected limb mobility decreased 1 C C C C C C C C C			
Systemic inflammatory response syndrome Injection site reactions Injection site reactions Injection site bruising Good Injection site discolouration 4 Injection site discolouration 4 Injection site discomfort 2 Cooling Injection site discomfort 2 Injection site extravasation 1 Injection site extravasation 1 Injection site indentation 1 Injection site indentation 1 Injection site induration Injection site induration 6 Injection site inflammation 8 Injection site joint erythema 1 Injection site joint erythema 1 Injection site joint inflammation 1 Injection site joint inflammation 1 Injection site oedema 1 Injection site oedema 1 Injection site oedema 1 Injection site oedema 1 Injection site reaction Injection site reaction Injection site reaction Injection site scar 1 Injection site welling Injection site withcaria 1 Injection site welling Injection site warmth I	Inflammation	20	0
Injection site reactions	Systemic inflammatory response syndrome	1	0
Injection limb mobility decreased			
Injection site discolouration		2	0
Injection site discolouration			
Injection site discomfort			
Injection site extravasation	· · · · · · · · · · · · · · · · · · ·	l l	
Injection site extravasation			
Injection site haemorrhage		1	0
Injection site induration		1	0
Injection site induration		1	I
Injection site inflammation		6	
Injection site joint erythema			
Injection site joint inflammation		1 1	0
Injection site mass		1	O
Injection site nodule		72	
Injection site oedema			
Injection site pain 32		1	0
Injection site pruritus		32	
Injection site rash			
Injection site reaction			I
Injection site scar			
Injection site swelling		1	0
Injection site urticaria		24	
Injection site vesicles			I
Injection site warmth	1 . 1	6	<u>ا</u>
Mass conditions NEC 25 Mass 25 Oedema NEC 2 Oedema peripheral 2 Pain and discomfort NEC 2 Chest discomfort 1 Chest pain 3 Discomfort 18 Pain 82 Tenderness 12 Therapeutic and nontherapeutic responses Adverse drug reaction 1 Drug ineffective 1 Immediate post-injection reaction 1			
Mass 25 0 Oedema NEC 2 0 Oedema peripheral 2 0 Pain and discomfort NEC 2 0 Chest discomfort 1 0 Chest pain 3 0 Discomfort 18 0 Pain 82 0 Tenderness 12 0 Therapeutic and nontherapeutic responses 1 0 Adverse drug reaction 1 0 Drug ineffective 1 0 Immediate post-injection reaction 1 0			
Oedema NEC 2 0 Oedema peripheral 2 0 Pain and discomfort NEC 2 0 Chest discomfort 1 0 Chest pain 3 0 Discomfort 18 0 Pain 82 0 Tenderness 12 0 Therapeutic and nontherapeutic responses 1 0 Adverse drug reaction 1 0 Drug ineffective 1 0 Immediate post-injection reaction 1 0		25	0
Oedema 2 0 Pain and discomfort NEC 2 Chest discomfort 1 0 Chest pain 3 0 Discomfort 18 0 Pain 82 0 Tenderness 12 0 Therapeutic and nontherapeutic responses 1 0 Adverse drug reaction 1 0 Drug ineffective 1 0 Immediate post-injection reaction 1 0	Oedema NEC		
Oedema peripheral 2 0 Pain and discomfort NEC 1 0 Chest discomfort 1 0 Chest pain 3 0 Discomfort 18 0 Pain 82 0 Tenderness 12 0 Therapeutic and nontherapeutic responses 1 0 Adverse drug reaction 1 0 Drug ineffective 1 0 Immediate post-injection reaction 1 0		2	0
Pain and discomfort NEC Chest discomfort 1 0 Chest pain 3 0 Discomfort 18 0 Pain 82 0 Tenderness 12 0 Therapeutic and nontherapeutic responses 1 0 Adverse drug reaction 1 0 Drug ineffective 1 0 Immediate post-injection reaction 1 0	Oedema peripheral	2	0
Chest pain 3 0 Discomfort 18 0 Pain 82 0 Tenderness 12 0 Therapeutic and nontherapeutic responses 1 0 Adverse drug reaction 1 0 Drug ineffective 1 0 Immediate post-injection reaction 1 0			
Chest pain 3 0 Discomfort 18 0 Pain 82 0 Tenderness 12 0 Therapeutic and nontherapeutic responses 1 0 Adverse drug reaction 1 0 Drug ineffective 1 0 Immediate post-injection reaction 1 0		1	0
Discomfort 18 0 Pain 82 0 Tenderness 12 0 Therapeutic and nontherapeutic responses 4 0 Adverse drug reaction 1 0 Drug ineffective 1 0 Immediate post-injection reaction 1 0		3	
Pain Tenderness 12 00 Therapeutic and nontherapeutic responses Adverse drug reaction Drug ineffective Immediate post-injection reaction 1 00 1 00			
Tenderness 12 00 Therapeutic and nontherapeutic responses Adverse drug reaction 1 00 Drug ineffective 1 00 Immediate post-injection reaction 1 00			
Therapeutic and nontherapeutic responses Adverse drug reaction 1 0 Drug ineffective 1 0 Immediate post-injection reaction 1 0			
Adverse drug reaction 1 00 Drug ineffective 1 00 Immediate post-injection reaction 1 00			
Drug ineffective 1 00 Immediate post-injection reaction 1 00		1	0
Immediate post-injection reaction 1 0		1	o
· · · · · · · · · · · · · · · · · · ·		1	o o
ı vaccınation taliure I 51 C	Vaccination failure	5	
Ulcers NEC			

Reaction Name	Total	Fatal
General disorders General disorders cont'd		
Ulcer	1	0
Vaccination site reactions		
Extensive swelling of vaccinated limb	7	0
Vaccination site bruising	27	0
Vaccination site cyst	3	0
Vaccination site discharge	4	0
Vaccination site discolouration	12	0
Vaccination site discomfort	7	
Vaccination site eczema	1	0
Vaccination site erythema	211	0
Vaccination site granuloma	2	0
Vaccination site haematoma	4	0
Vaccination site haemorrhage	3	0
Vaccination site hypersensitivity	2	
Vaccination site induration	80	0
Vaccination site inflammation	32	0
Vaccination site injury	1	0
Vaccination site irritation	3	0
Vaccination site joint erythema	3 2 2	0
Vaccination site joint movement impairment	2	0
Vaccination site joint pain	1	0
Vaccination site macule	1	0
Vaccination site mass	138	0
Vaccination site movement impairment	9	0
Vaccination site nodule	12	0
Vaccination site oedema	3	0
Vaccination site pain	140	0
Vaccination site pallor	1	0
Vaccination site papule	2	0
Vaccination site pruritus	7	0
Vaccination site rash	29	0
Vaccination site reaction	10	0
Vaccination site scar	7	0
Vaccination site swelling	183	0
Vaccination site urticaria	1	0
Vaccination site vesicles	3	0
Vaccination site warmth	52	0
General disorders SOC TOTAL	3166	

Reaction Name	Total	Fatal
Hepatic disorders		
Cholestasis and jaundice		
Jaundice	1	0
Jaundice cholestatic	1	0
Hepatic enzymes and function abnormalities		
Hepatic function abnormal	1	0
Hepatocellular damage and hepatitis NEC		
Hepatitis	1	0
Hepatic disorders SOC TOTAL	4	0

Reaction Name	Total	Fatal
Immune system disorders		
Allergic conditions NEC		
Allergy to metals	1	0
Hypersensitivity	31	0
Multiple allergies	3	0
Type I hypersensitivity	1	0
Allergies to foods, food additives, drugs and other chemicals		
Allergy to vaccine	3	0
Food allergy	3	0
Milk allergy	4	0
Reaction to excipient	1	0
Reaction to preservatives	2	0
Anaphylactic and anaphylactoid responses		
Anaphylactic reaction	22	0
Anaphylactic shock	1	0
Atopic disorders		
Atopy	1	0
Immune and associated conditions NEC		
Haemophagocytic lymphohistiocytosis	1	1
Immune system disorder	1	0
Immunisation reaction	1	0
Immunodeficiency disorders NEC		
Immunodeficiency	1	0
Immune system disorders SOC TOTAL	77	1

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Reaction Name		Total	Fatal
Infections			
Abdominal and gastrointestinal infections			
Gastroenteritis		2	0
Adenoviral infections			
Adenoviral meningitis		1	0
Bacterial infections NEC			
Arthritis bacterial		2	0
Bacterial infection		2	0
Bacterial sepsis		1	0
Cellulitis		38	0
Injection site cellulitis		1	0
Meningitis bacterial		1	0
Periorbital cellulitis		1	0
Skin bacterial infection		3	0
Urinary tract infection bacterial		1	0
Vaccination site cellulitis		21	0
Bone and joint infections			
Osteomyelitis		1	0
Bordetella infections			
Pertussis		1	0
Central nervous system and spinal infection	s		
Encephalitis		3	0
Meningitis		8	0
Meningitis aseptic		9	0
Ear infections			
Ear infection		4	0
Otitis externa		1	0
Enteroviral infections NEC			
Meningitis enteroviral		1	0
Eye and eyelid infections			
Conjunctivitis		3	0
Eye infection		1	0
Herpes viral infections		·	_
Varicella		1	0
Infections NEC		·	_
Abscess		3	0
Abscess limb		3 1	0
Infection		4	0
Injection site infection		2	0
Localised infection		3	0
Lymph gland infection		1	0
Respiratory tract infection		1	0
Vaccination site abscess		4	0
Vaccination site infection		11	0
Lower respiratory tract and lung infections			J
Lower respiratory tract infection		3	0
Pneumonia		4	0
Pneumonia aspiration		1	0
Neisseria infections		i i	Ü
Meningitis meningococcal		2	0
Meningococcal carditis		2 1	0
Meningococcal infection		1	0
Meningococcal infection Meningococcal sepsis		2	0
Rotaviral infections			J
110101111111111111111111111111111111111			

Reaction Name	9		Total	Fatal
Infections	Infections cont'd			
Rotavirus infe	ction		1	0
Rubeola viral in	fections			
Measles			1	0
Sepsis, bactera	emia, viraemia and fungael	mia NEC		
Sepsis			18	0
Sepsis neonat			1	0
Skin structures	and soft tissue infections			
Eczema infect	ted		1	0
Skin infection			4	0
Subcutaneous			1	0
Vaccination si			1	0
Staphylococcal	infections			
Furuncle			1	0
Streptococcal in				
Cellulitis strep	tococcal		1	0
Scarlet fever			1	0
Tuberculous infe				
Erythema indu			3	0
	ry tract infections			
Croup infectio			3	0
Nasopharyngi	tis		9	0
Pharyngitis			1	0
Tonsillitis			3	0
	tory tract infection		1	0
Urinary tract infe				
Kidney infection			1	0
Urinary tract ir			3	0
Viral infections l	NEC			
Bronchiolitis			4	0
Gastroenteritis			2	0
Meningitis vira	al .		2	0
Viral infection			1	0
Viral rash			4	0
	spiratory tract infection		1	0
Infections SOC TO	OTAL		220	0

Earliest Reaction Date: 15-Aug-2009 MedDRA Version: MedDRA 24.1		
Reaction Name	Total	<u>Fatal</u>
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
Fractures and dislocations NEC		
Joint dislocation	1	0
Gastrointestinal and hepatobiliary procedural complications		
Procedural vomiting	3	0
Medication errors, product use errors and issues NEC		
Inadequate aseptic technique in use of product	1	0
Medication error	3	0
Vaccination error	1	0
Wrong technique in product usage process	2	0
Muscle, tendon and ligament injuries		
Muscle injury	1	0
Non-site specific injuries NEC		
Fall	3	0
Wound secretion	1	0
Non-site specific procedural complications		
Post procedural swelling	1	0
Occupational exposures		
Occupational exposure to product	1	0
Product administration errors and issues		
Accidental underdose	1	0
Expired product administered	1	0
Extra dose administered	1	0
Inappropriate schedule of product administration	3	0
Incomplete course of vaccination	3	0
Incorrect dose administered	2	0
Incorrect route of product administration	1	0
Lack of vaccination site rotation	1	0
Product administered at inappropriate site	5	0
Product administered to patient of inappropriate age	5	0
Product administration error	2	0
Product monitoring errors and issues	_	Ŭ
Drug monitoring procedure not performed	1	0
Product prescribing errors and issues	·	Ů
Product prescribing error	1	0
Product storage errors and issues in the product use system		J
Product storage error	4	0
Skin injuries NEC		J
Contusion	15	0
Scar	2	0
	1	0
Skin injury Skin laceration	1	0
	1	U
Vaccination related complications	_	^
Vaccination complication	3	0
njuries SOC TOTAL	74	0

Reaction Name	Tatal	
la de la companya de	<u> Total</u>	<u>Fatal</u>
Investigations		
Blood gas and acid base analyses		
Oxygen saturation decreased	12	0
Cardiac auscultatory investigations		
Cardiac murmur	1	0
Cerebrospinal fluid tests (excl microbiology)		
CSF white blood cell count increased	1	0
Chemistry analyses NEC		
Inflammatory marker increased	2	0
Heart rate and pulse investigations		
Heart rate abnormal	3	0
Heart rate decreased	1	0
Heart rate increased	22	0
Pulse abnormal	1	0
Liver function analyses		
Blood bilirubin increased	1	0
Mineral and electrolyte analyses		
Blood magnesium decreased	1	0
Neurologic diagnostic procedures		
Coma scale abnormal	1	0
Physical examination procedures and organ system status		
Body temperature	1	0
Body temperature abnormal	7	0
Body temperature decreased	5	0
Body temperature fluctuation	3	0
Body temperature increased	93	0
Breath sounds abnormal	1	0
Respiratory rate decreased	1	0
Respiratory rate increased	14	
Platelet analyses		
Platelet count increased	1	0
Protein analyses NEC		
C-reactive protein increased	18	0
Red blood cell analyses		
Haemoglobin decreased	2	0
Respiratory and pulmonary function diagnostic procedures		
Apnoea test abnormal	1	0
Respiratory tract and thoracic imaging procedures		
Chest X-ray abnormal	1	0
Tissue enzyme analyses NEC		
Enzyme level increased	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		
Enterovirus test positive	1	0
White blood cell analyses		
Lymphocyte count increased	1	0
Neutrophil count decreased	1	0
White blood cell count increased	6	0
Investigations SOC TOTAL	210	

Reaction Name	Total	Fatal
Metabolic disorders		
Appetite disorders		
Appetite disorder	1	0
Decreased appetite	92	0
Food refusal	3	0
Hypophagia	8	0
Fluid intake decreased		
Fluid intake reduced	5	0
Food malabsorption and intolerance syndromes (excl sugar intolerance)		
Dairy intolerance	1	0
Food intolerance	2	0
General nutritional disorders NEC		
Feeding disorder	1	0
Food aversion	3	0
Poor feeding infant	78	0
Weight gain poor	1	0
Hypoglycaemic conditions NEC		
Hypoglycaemia	2	0
Metabolic acidoses (excl diabetic acidoses)		
Lactic acidosis	1	0
Metabolic acidosis	2	0
Potassium imbalance		
Hyperkalaemia	1	0
Sodium imbalance		
Hyponatraemia	1	0
Sugar intolerance (excl glucose intolerance)		
Lactose intolerance	1	0
Total fluid volume decreased		
Dehydration	4	0
Metabolic disorders SOC TOTAL	207	0

Earliest Reaction Date: 15-Aug-2009 MedDRA Version: MedDRA 24.1	Total	Eatal
Reaction Name	Total	<u>Fatal</u>
Muscle & tissue disorders		
Arthropathies NEC	4	_
Arthritis	1	0
Arthropathy Fisher it is deferred in a	1	0
Extremity deformities	4	^
Foot deformity	1	0
Joint related signs and symptoms	40	•
Arthralgia	19	0
Joint effusion	1	0
Joint stiffness	1	0
Joint swelling	4	0
Muscle infections and inflammations	_	
Myositis	3	0
Muscle pains	4.0	
Myalgia	16	0
Muscle related signs and symptoms NEC		
Muscle spasms	4	0
Muscle tightness	1	0
Muscle twitching	8	0
Muscle tone abnormalities		_
Floppy infant	40	0
Muscle rigidity	5	0
Muscle weakness conditions		
Muscular weakness	8	0
Musculoskeletal and connective tissue conditions NEC		
Infantile back arching	2 5	0
Limb mass	5	0
Mobility decreased	4	0
Musculoskeletal stiffness	37	0
Posture abnormal	2	0
Toe walking	1	0
Weight bearing difficulty	20	0
Musculoskeletal and connective tissue pain and discomfort		
Back pain	2	0
Limb discomfort	12	0
Musculoskeletal discomfort	2	0
Neck pain	5	0
Pain in extremity	262	0
Spondyloarthropathies		
Arthritis reactive	2	0
Synovial disorders		
Synovitis	2	0
Muscle & tissue disorders SOC TOTAL	471	0

Earliest Reaction Date: 15-Aug-2009 MedDRA Version: MedDRA 24.	1	
Reaction Name	<u> Total</u>	<u>Fatal</u>
Nervous system disorders		
Abnormal reflexes		
Kernig's sign	1	0
Absence seizures		
Petit mal epilepsy	10	0
Central nervous system vascular disorders NEC		
Brain hypoxia	1	0
Coordination and balance disturbances		
Ataxia	1	0
Balance disorder	5	0
Coordination abnormal	2	0
Dysstasia	7	0
Nystagmus	1	0
Cortical dysfunction NEC		
Aphasia	2	0
Disturbances in consciousness NEC		
Consciousness fluctuating	2	0
Depressed level of consciousness	3	
Lethargy	69	0
Loss of consciousness	15	
Postictal state	1	0
Somnolence	87	0
Syncope	59	0
Dyskinesias and movement disorders NEC		
Dyskinesia	12	0
Hypokinesia	5	0
Movement disorder	4	0
Dystonias		
Opisthotonus	2	0
Eye movement disorders		
VIth nerve paralysis	1	0
Facial cranial nerve disorders		
Facial spasm	1	0
Generalised tonic-clonic seizures		
Generalised tonic-clonic seizure	16	0
Headaches NEC		
Headache	64	0
Tension headache	1	0
Intellectual disabilities		
Intellectual disability	1	0
Mental impairment (excl dementia and memory loss)		
Disturbance in attention	2	
Mental impairment	1	0
Migraine headaches		
Migraine	3	0
Migraine with aura	1	0
Muscle tone abnormal		
Hypertonia	2	0
Hypotonia	43	0
Narcolepsy and hypersomnia		
Hypersomnia	8	0
Nervous system disorders NEC		
Meningeal disorder	1	0
Meningocele acquired	1	0

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Reaction Name	cont'd	Total	Fatal
Nervous system disorders	cont a	4	
Nervous system disorder		1	0
Neurological signs and symptoms NEC		4	0
Agitation neonatal		1	0
Decerebrate posture		1	0
Dizziness		32	0
Drooling		2	0
Exaggerated startle response		2 2 6	0
Fontanelle bulging			0
Hyporesponsive to stimuli		4	
Inability to crawl		1	0
Infant irritability		3 3 2 1	0
Meningism		3	0
Myoclonus		2	0
Neurological decompensation			0
Pleocytosis		6	
Presyncope		11	0
Slow response to stimuli		1	0
Unresponsive to stimuli		68	0
Neuromuscular disorders NEC			
Hypotonic-hyporesponsive episode		11	0
Muscle spasticity		1	0
Paraesthesias and dysaesthesias			
Hyperaesthesia		2	0
Hypoaesthesia		2 3 2	0
Paraesthesia		2	0
Paralysis and paresis (excl cranial nerve)			
Monoplegia		4	0
Paralysis		3	0
Seizures and seizure disorders NEC			
Epilepsy		4	0
Epileptic encephalopathy		1	0
Febrile convulsion		50	0
Infantile spasms		2	0
Partial seizures		8	0
Seizure		52	0
Seizure anoxic			0
Seizure like phenomena		2	0
Status epilepticus		2	0
Tonic clonic movements		2 2 2 1	0
Tonic convulsion		1	0
Sensory abnormalities NEC			U
Aura		2	0
Sensory disturbance		2 2	0
Sleep disturbances NEC			U
Sudden onset of sleep		1	0
		ı	U
Speech and language abnormalities		4	0
Dysarthria		1	0
Speech disorder		3	0
Speech disorder developmental		1	0
Tremor (excl congenital)			
Tremor		25	0
Nervous system disorders SOC TOTAL		766	0

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Reaction Name	Total	Fatal
Pregnancy conditions		
Neonatal metabolic and endocrine disorders		
Hypothermia neonatal	1	0
Pregnancy conditions SOC TOTAL	1	l o

Reaction Name	<u>Total</u>	<u>Fatal</u>
Device issues NEC		
Device issue	1	0
Device physical property and chemical issues		
Syringe issue	1	0
Product label issues		
Product lot number issue	2	2 0
Product quality issues NEC		
Product complaint	1	0
Product quality issue		
null SOC TOTAL	9	<u> </u>

	MedDRA 24.1	
Reaction Name	Total	<u>Fatal</u>
Psychiatric disorders		
Abnormal behaviour NEC		
Abnormal behaviour	19	0
Behaviour disorder	2	. 0
Breath holding	2	0
Regressive behaviour		0
Staring	7	0
Affect alterations NEC		
Flat affect	1	0
Anxiety disorders NEC		
Separation anxiety disorder	1	0
Anxiety symptoms		
Agitation	14	. 0
Anxiety	2	el o
Stress	1	
Behaviour and socialisation disturbances		
Aggression	1	0
Personality change	5	0
Social avoidant behaviour	6	
Communications disorders		
Communication disorder	1 1	0
Mutism	1	0
Confusion and disorientation		
Confusional state	4	. 0
Decreased physical activity levels		
Catatonia	1	0
Deliria		
Delirium	3	0
Disturbances in initiating and maintaining sleep		
Insomnia	23	0
Middle insomnia	2	
Dyssomnias		
Poor quality sleep	8	0
Eating disorders NEC		
Eating disorder	2	. 0
Emotional and mood disturbances NEC		
Anger	2	. 0
Emotional disorder	3	0
Emotional distress	22	. 0
Irritability	186	
Mood altered	5	
Fear symptoms and phobic disorders (incl social phobia)		
Phonophobia	1 1	0
Hallucinations (excl sleep-related)		
Hallucination	3	0
Hallucination, visual	1	0
Hallucinations, mixed	1	0
Increased physical activity levels		
Restlessness	36	0
Mental disorders NEC		
Mental disorder	1	0
Mood alterations with depressive symptoms		
Decreased interest	2	. 0
Depressed mood	4	1

Reaction Name	Total	Fatal
Psychiatric disorders ^{Psychiatric} disorders cont'd		
Tearfulness	4	0
Mood disorders NEC		
Listless	10	0
Panic attacks and disorders		
Panic reaction	2	0
Parasomnias		
Abnormal dreams	2	0
Nightmare	4	0
Sleep terror	7	0
Pervasive developmental disorders NEC		
Autism spectrum disorder	3	0
Psychiatric symptoms NEC		
Decreased eye contact	1	0
Sleep disorders NEC		
Sleep disorder	15	0
Somatic symptom disorders		
Conversion disorder	1	0
Stereotypies and automatisms		
Bruxism	1	0
Tic disorders		
Tic	2	0
Psychiatric disorders SOC TOTAL	432	0

Reaction Name	Total	Fatal
Renal & urinary disorders		
Bladder and urethral symptoms		
Dysuria	1	0
Pollakiuria	1	0
Urinary incontinence	2	0
Glomerulonephritis and nephrotic syndrome		
Nephrotic syndrome	1	0
Renal failure and impairment		
Acute kidney injury	1	0
Anuria	1	0
Renal structural abnormalities and trauma		
Kidney enlargement	1	0
Urinary abnormalities		
Chromaturia	1	0
Urine odour abnormal	1	0
Renal & urinary disorders SOC TOTAL	10	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
Reproductive & breast disorders SOC TOTAL	4	0

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Reaction Name	Total	Fatal
Respiratory disorders		
Breathing abnormalities		
Apnoea	30	0
Apnoeic attack	2	0
Dyspnoea	47	0
Grunting	3	0
Hyperventilation	1	0
Hypopnoea	10	0
Hypoventilation	1	0
Irregular breathing	2	0
Respiration abnormal	2	0
Respiratory arrest	14	1
Respiratory depression	1	0
Respiratory distress	3	0
Tachypnoea	10	0
Bronchospasm and obstruction		
Wheezing	11	0
Conditions associated with abnormal gas exchange		
Cyanosis central	1	0
Respiratory acidosis	2	0
Coughing and associated symptoms		
Cough	22	0
Haemoptysis	1	0
Productive cough	1	0
Sputum discoloured	1	0
Laryngeal spasm, oedema and obstruction		
Stridor	2	0
Lower respiratory tract signs and symptoms		
Hiccups	1	0
Rales	1	0
Nasal congestion and inflammations		
Nasal congestion	4	0
Nasal disorders NEC		
Epistaxis	7	0
Neonatal hypoxic conditions		
Infantile apnoea	7	0
Neonatal hypoxia	6	0
Pharyngeal disorders (excl infections and neoplasms)		
Pharyngeal erythema	2	0
Pharyngeal swelling	1	0
Tonsillar hypertrophy	1	0
Pneumothorax and pleural effusions NEC		
Pleural effusion	1	0
Respiratory failures (excl neonatal)		
Acute respiratory failure	1	0
Respiratory signs and symptoms NEC		
Use of accessory respiratory muscles	1	0
Respiratory tract disorders NEC		
Respiratory disorder	4	0
Upper respiratory tract signs and symptoms		
Choking	3	0
Dysphonia		0
Increased viscosity of upper respiratory secretion	2 1	0
Nasal obstruction	1	0

Reaction Name	Total	Fatal
Respiratory disorders espiratory disorders cont'd		
Oropharyngeal blistering	1	0
Oropharyngeal pain	11	0
Rhinorrhoea	11	0
Sneezing	1	0
Respiratory disorders SOC TOTAL	235	1

Earliest Reaction Date: 15-Aug-2009 MedDRA Version: MedDRA 24.1		
Reaction Name	<u>Total</u>	<u>Fatal</u>
Skin disorders		
Angioedemas		
Angioedema	1	0
Apocrine and eccrine gland disorders		
Cold sweat	14	0
Hyperhidrosis	20	0
Hypohidrosis	1	0
Miliaria	2	0
Bullous conditions		
Blister	16	0
Dermatitis bullous	1	0
Erythema multiforme	2	0
Pemphigoid	1	0
Dermal and epidermal conditions NEC		
Dry skin	5	0
Macule	1	0
Pain of skin	4	0
Papule	11	0
Scab	1	0
Skin burning sensation	1	0
Skin discolouration	50	0
Skin disorder	1	0
Skin indentation	1	0
Skin induration	12	0
Skin lesion	2	0
Skin odour abnormal	1	0
Skin plaque	2	0
Skin reaction	10	0
Skin tightness	2	0
Skin warm	40	0
Skin weeping	1	0
Dermatitis and eczema		
Dermatitis	1	0
Dermatitis allergic	16	0
Dermatitis atopic	2	0
Dermatitis diaper	4	_
Eczema	14	
Eczema infantile	1	0
Dermatitis ascribed to specific agent		
Drug eruption	1	0
Palmar-plantar erythrodysaesthesia syndrome	1	0
Erythemas		
Erythema	185	0
Exfoliative conditions		
Skin exfoliation	4	0
Hypertrichoses		
Hypertrichosis	1	0
Pilar disorders NEC		
Hair growth abnormal	1	0
Pruritus NEC		
Pruritus	20	0
Purpura and related conditions		
Henoch-Schonlein purpura	3	0
Petechiae	32	

Reaction Name	Total	Fatal
Skin disorders Skin disorders cont'd		
Purpura	10	0
Pustular conditions		
Acute generalised exanthematous pustulosis	1	0
Rash follicular	1	0
Rashes, eruptions and exanthems NEC		
Rash	204	0
Rash erythematous	24	0
Rash macular	48	0
Rash maculo-papular	5	0
Rash morbilliform	12	0
Rash papular	17	0
Rash pruritic	5	0
Rash vesicular	3	0
Skin and subcutaneous conditions NEC		
Skin mass	8	0
Skin and subcutaneous tissue ulcerations		
Skin erosion	1	0
Skin cysts and polyps		
Dermal cyst	1	0
Skin dystrophies		
Skin wrinkling	4	0
Skin injuries and mechanical dermatoses		
Needle track marks	1	0
Skin vasomotor conditions		
Livedo reticularis	29	0
Urticarias		
Urticaria	57	0
Urticaria pressure	1	0
Skin disorders SOC TOTAL	921	l ol

Reaction Name	Total	Fatal
Social circumstances		
Disability issues		
Bedridden	1	0
Immobile	1	l o
Social circumstances SOC TOTAL	2	l o

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Reaction Name	Total	Fatal
Surgical & medical procedures		
Gastrointestinal therapeutic procedures NEC		
Antidiarrhoeal supportive care	1	0
Surgical & medical procedures SOC TOTAL	1	0

Reaction Name	Total	Fatal
Vascular disorders		
Arterial infections and inflammations		
Kawasaki's disease	6	1
Circulatory collapse and shock		
Circulatory collapse	8	0
Hypoperfusion	1	0
Neurogenic shock	1	0
Peripheral circulatory failure	1	0
Shock	4	0
Haemorrhages NEC		
Haematoma	1	0
Lymphoedemas		
Lymphoedema	1	0
Non-site specific necrosis and vascular insufficiency NEC		
Fibromuscular dysplasia	1	1
Peripheral embolism and thrombosis		
Deep vein thrombosis	1	0
Peripheral vascular disorders NEC		
Cyanosis	26	0
Flushing	8	0
Hot flush	2	0
Peripheral vasoconstriction, necrosis and vascular insufficient		
Peripheral coldness	13	0
Poor peripheral circulation	1	0
Site specific vascular disorders NEC		
Pallor	144	0
Vascular hypertensive disorders NEC		
Hypertension	1	0
Orthostatic hypertension	1	0
Vascular hypotensive disorders		
Hypotension	2	0
Vascular disorders SOC TOTAL	223	
TOTAL REACTIONS FOR DRUG	7801	25
TOTAL REPORTS	2922	
TOTAL FATAL OUTCOME REPORTS		25