Report Run Date: 08-Nov-2021

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

Earliest Reaction Date: 15-Aug-2009 MedDRA Version: MedDRA 24.0

Meningitis B Vaccine

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

Drug Analysis Print:

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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	6	0
Marrow depression and hypoplastic anaemias		
Myelosuppression	1	0
Thrombocytopenias		
Immune thrombocytopenia	2	0
Blood disorders SOC TOTAL	14	0

Reaction Name	Total	Fatal
Cardiac disorders		
Cardiac signs and symptoms NEC		
Palpitations	3	
Coronary artery disorders NEC		
Coronary artery aneurysm	1	0
Rate and rhythm disorders NEC		
Bradycardia	9	
Bradycardia neonatal	3	
Tachycardia	26	6 o
Supraventricular arrhythmias		
Sinus arrhythmia	1	O
Supraventricular tachycardia	1	O
Ventricular arrhythmias and cardiac arrest		
Cardiac arrest	4	· 2
Cardio-respiratory arrest	4	·  1
Ventricular fibrillation		0
Cardiac disorders SOC TOTAL	53	3

Name: Meningitis B Vaccine Drug Analysis Print

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

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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

Earliest Reaction Date: 15-Aug-2009 MedDRA Version: MedDRA 24.0		
Reaction Name	Total	<u>Fatal</u>
Eye disorders		
Conjunctival and corneal bleeding and vascular disorders		
Conjunctival haemorrhage	1	0
Eyelid movement disorders		
Excessive eye blinking	1	0
Eyelid function disorder	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	15	0
Gaze palsy	2	0
Strabismus	3	0
Ocular sensation disorders		
Photophobia	7	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	3	0
Eye disorders SOC TOTAL	64	0

Earliest Reaction Date: 15-Aug-2009 MedDRA Version: MedDRA 24		
Reaction Name	Total_	<u>Fatal</u>
Gastrointestinal disorders		
Abdominal findings abnormal		
Gastrointestinal sounds abnormal	2	0
Colitis (excl infective)		
Necrotising colitis	1	1
Diarrhoea (excl infective)		
Diarrhoea	130	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	
Flatulence, bloating and distension		
Abdominal distension	6	0
Flatulence	8	
Gastritis (excl infective)		
Reflux gastritis	1	0
Gastrointestinal and abdominal pains (excl oral and throat)		
Abdominal pain	14	0
Abdominal pain upper	24	
Gastrointestinal atonic and hypomotility disorders NEC		
Constipation	12	0
Gastrooesophageal reflux disease	8	o o
Gastrointestinal disorders NEC		
Gastric disorder	1	0
Gastrointestinal dyskinetic disorders		
Change of bowel habit	1	0
Infant dyschezia	1	ő
Gastrointestinal signs and symptoms NEC		Ĭ
Abdominal discomfort	13	0
Dysphagia	3	ő
Gastrointestinal spastic and hypermotility disorders	Ŭ	Ĭ
Frequent bowel movements	2	0
Irritable bowel syndrome	1	ő
Gastrointestinal stenosis and obstruction NEC		Ĭ
Intussusception	1	0
Malabsorption syndromes		Ĭ
Coeliac disease	2	0
Nausea and vomiting symptoms		
Infantile vomiting	8	0
Nausea	34	0
Retching	2	ő
Vomiting	234	
Vomiting Vomiting projectile	25	
Non-site specific gastrointestinal haemorrhages		
Haematochezia	6	0
Oral dryness and saliva altered		
Dry mouth	1	0
Salivary hypersecretion	1	0
		. 0

Reaction Name	Total	Fatal
Gastrointestinal disorderscont'd		
Oral soft tissue disorders NEC		
Chapped lips	1	0
Lip disorder	1	0
Oral soft tissue signs and symptoms		
Lip discolouration	1	0
Oral discomfort	1	0
Oral mucosal blistering	1	0
Oral pain	2	0
Oral soft tissue swelling and oedema		
Lip swelling	6	0
Salivary gland enlargements		
Parotid gland enlargement	1	0
Salivary gland enlargement	1	0
Stomatitis and ulceration		
Aphthous ulcer	1	0
Mouth ulceration	3	0
Tongue disorders		
Tongue geographic	1	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	602	1

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Earliest Reaction Date: 15-Aug-2009	MedDRA Version: MedDRA 24.0		
Reaction Name		<u>Total</u>	<u>Fatal</u>
General disorders			
Administration site reactions NEC			
Administration site bruise		2	0
Administration site erythema		2	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		1	0
Asthenic conditions			
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			
Death		7	7
Sudden death		5	5
Sudden infant death syndrome		6	6
Febrile disorders			
Fever neonatal		1	0
Hyperpyrexia		10	0
Pyrexia		879	0
Feelings and sensations NEC			
Chills		33	0
Feeling abnormal		17	0
Feeling cold		8	0
Feeling drunk		1	0
Feeling hot		32	0
Feeling jittery		1	0
Feeling of body temperature change		1	0
Thirst		2	0
Thirst decreased		3	0
Gait disturbances			
Gait disturbance		26	0
Gait inability		16	0
Loss of control of legs		1	0
General signs and symptoms NEC			
Condition aggravated		6	0
Crying		169	0
Developmental delay		4	0
Developmental regression		3	0
Foaming at mouth		1	0
General physical health deterioration		2	0
General symptom		1	0
Glassy eyes		4	0
High-pitched crying		18	0
Illness		21	0
Induration		17	0
Influenza like illness		6	0
Irritability postvaccinal		4	0

Name: Meningitis B Vaccine Drug Analysis Print

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General disorders         General disorders cont'd           Local reaction         12         0           Moaning         4         0           Multiple organ dysfunction syndrome         1         0           Peripheral swelling         85         5           Screaming         54         0           Swelling face         14         0           Inflammations         116         14           Inflammations         11flammation         19         0           Systemic inflammatory response syndrome         1         19         0           Injection site dreactions         1         19         0         0           Injection site reactions         2         0		ledDRA Version: MedDRA 24.0		
Local reaction   12	Reaction Name		Total	Fatal
Moutiple organ dysfunction syndrome         1         0           Peripheral swelling         85         0           Screaming         54         0           Secretion discharge         3         0           Swelling face         14         0           Inflammations         11flammations         11flammation           Inflammation systemic inflammatory response syndrome         1         19         0           Systemic inflammatory response syndrome         1         19         0           Injection site reactions         1         19         0         0           Injection site reactions         1         19         0	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   Secretion discharge   Secretion discharge   Secretion discharge   Secretion discharge   Secretion discharge   Secretion discharge   Swelling   Secretion   Secre			85	0
Secretion discharge   3   3   6   3   5   5   5   5   5   5   5   5   5			54	0
Swelling face			3	0
Swelling face   Inflammation   Inf	——————————————————————————————————————		63	0
Inflammations			14	0
Systemic inflammatory response syndrome   Injection site reactions   Injection site reactions   Injection site bruising   Injection site discolouration   4   Injection site discolouration   4   Injection site discorprof   2   2   0   Injection site discomfort   2   2   0   Injection site extravasation   1   1   1   1   1   1   1   1   1				
Systemic inflammatory response syndrome	Inflammation		19	0
Injection site reactions   1	Systemic inflammatory response syndrome		1	0
Injected limb mobility decreased   2				
Injection site discolouration			2	0
Injection site disconfort   2			5	0
Injection site discomfort				0
Injection site extravasation	·			0
Injection site extravasation				0
Injection site haemorrhage	1			0
Injection site induration			1	0
Injection site induration	1 · ·		1	0
Injection site inflammation				0
Injection site joint erythema				
Injection site joint inflammation			1	0
Injection site mass			1	0
Injection site nodule			72	0
Injection site oedema				0
Injection site pain   30   10   10   10   10   10   10   10			1	0
Injection site pruritus	1 -		30	0
Injection site rash   3   0   0   0   0   0   0   0   0   0				0
Injection site reaction				0
Injection site scar				0
Injection site swelling	1			0
Injection site urticaria			23	0
Injection site vesicles				0
Injection site warmth			ام	0
Mass conditions NEC         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       17       0         Pain       81       0         Tenderness       12       0         Therapeutic and nontherapeutic responses       12       0         Adverse drug reaction       2       0         Drug ineffective       1       0         Immediate post-injection reaction       1       0         Vaccination failure       5       0				0
Oedema NEC         2         0           Oedema peripheral         2         0           Pain and discomfort NEC         2         0           Chest discomfort         1         0           Chest pain         3         0           Discomfort         17         0           Pain         81         0           Tenderness         12         0           Therapeutic and nontherapeutic responses         2         0           Adverse drug reaction         2         0           Drug ineffective         1         0           Immediate post-injection reaction         1         0           Vaccination failure         5         0				
Oedema NEC         2         0           Oedema peripheral         2         0           Pain and discomfort NEC         2         0           Chest discomfort         1         0           Chest pain         3         0           Discomfort         17         0           Pain         81         0           Tenderness         12         0           Therapeutic and nontherapeutic responses         2         0           Adverse drug reaction         2         0           Drug ineffective         1         0           Immediate post-injection reaction         1         0           Vaccination failure         5         0	Mass		25	0
Oedema       2       0         Oedema peripheral       2       0         Pain and discomfort NEC       2         Chest discomfort       1       0         Chest pain       3       0         Discomfort       17       0         Pain       81       0         Tenderness       12       0         Therapeutic and nontherapeutic responses       2       0         Adverse drug reaction       2       0         Drug ineffective       1       0         Immediate post-injection reaction       1       0         Vaccination failure       5       0	Oedema NEC			
Oedema peripheral       2       0         Pain and discomfort NEC       1       0         Chest discomfort       1       0         Chest pain       3       0         Discomfort       17       0         Pain       81       0         Tenderness       12       0         Therapeutic and nontherapeutic responses       2       0         Adverse drug reaction       2       0         Drug ineffective       1       0         Immediate post-injection reaction       1       0         Vaccination failure       5       0			2	0
Pain and discomfort NEC           Chest discomfort         1         0           Chest pain         3         0           Discomfort         17         0           Pain         81         0           Tenderness         12         0           Therapeutic and nontherapeutic responses         2         0           Adverse drug reaction         2         0           Drug ineffective         1         0           Immediate post-injection reaction         1         0           Vaccination failure         5         0	Oedema peripheral		2	0
Chest pain       3       0         Discomfort       17       0         Pain       81       0         Tenderness       12       0         Therapeutic and nontherapeutic responses       2       0         Adverse drug reaction       2       0         Drug ineffective       1       0         Immediate post-injection reaction       1       0         Vaccination failure       5       0				
Chest pain       3       0         Discomfort       17       0         Pain       81       0         Tenderness       12       0         Therapeutic and nontherapeutic responses       2       0         Adverse drug reaction       2       0         Drug ineffective       1       0         Immediate post-injection reaction       1       0         Vaccination failure       5       0			1	0
Discomfort         17         0           Pain         81         0           Tenderness         12         0           Therapeutic and nontherapeutic responses         2         0           Adverse drug reaction         2         0           Drug ineffective         1         0           Immediate post-injection reaction         1         0           Vaccination failure         5         0			3	0
Pain       81       0         Tenderness       12       0         Therapeutic and nontherapeutic responses       2       0         Adverse drug reaction       2       0         Drug ineffective       1       0         Immediate post-injection reaction       1       0         Vaccination failure       5       0				0
Tenderness Therapeutic and nontherapeutic responses Adverse drug reaction Drug ineffective Immediate post-injection reaction Vaccination failure  12 00 00 00 00 00 00 00 00 00 00 00 00 00				0
Therapeutic and nontherapeutic responsesAdverse drug reaction20Drug ineffective10Immediate post-injection reaction10Vaccination failure50				0
Adverse drug reaction 2 0 Drug ineffective 1 0 Immediate post-injection reaction 1 0 Vaccination failure 5 0				
Drug ineffective 1 0 Immediate post-injection reaction 1 0 Vaccination failure 5 0			2	0
Immediate post-injection reaction 1 0 Vaccination failure 5 0				0
Vaccination failure 5 0			1	0
			5	0
	Ulcers NEC			

Earliest Reaction Date: 15	5-Aug-2009 MedDRA Version: MedDRA 24.0		
Reaction Name		<u>Total</u>	<u>Fatal</u>
General disorders	General disorders cont'd		
Ulcer		1	0
Vaccination site re	eactions		
Extensive swellir	ng of vaccinated limb	6	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	0
Vaccination site		1	0
Vaccination site		210	0
Vaccination site		2	0
Vaccination site	haematoma	4	0
Vaccination site		3	0
Vaccination site		2	0
Vaccination site		80	0
Vaccination site		32	0
Vaccination site		1	0
Vaccination site		3	0
Vaccination site		2	0
	joint movement impairment	2	0
Vaccination site		1	0
Vaccination site		1	0
Vaccination site		136	0
	movement impairment	9	0
Vaccination site		12	0
Vaccination site		3	0
Vaccination site		139	0
Vaccination site	•	1	0
Vaccination site		2	0
Vaccination site		7	0
Vaccination site		29	0
Vaccination site		10	0
Vaccination site		7	0
Vaccination site		182	0
Vaccination site		1	0
Vaccination site		3	0
Vaccination site		51	0
General disorders Se	OC TOTAL	3114	18

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	<u> </u>

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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Earliest Reaction Date: 15-Aug-2009	MedDRA Version: MedDRA 24.0	
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	37	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	ns	
Encephalitis	3	0
Meningitis	8	
Meningitis aseptic	g	
Ear infections		
Ear infection	4	. 0
Otitis externa	1 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	1	0
Infection	4	. 0
Injection site infection	2	. 0
Localised infection	3	0
Lymph gland infection	1 1	0
Respiratory tract infection	1	0
Vaccination site abscess	4	. 0
Vaccination site infection	11	0
Lower respiratory tract and lung infections		
Lower respiratory tract infection	3	0
Pneumonia	4	
Neisseria infections		
Meningitis meningococcal	2	. 0
Meningococcal carditis	1	0
Meningococcal infection	1	0
Meningococcal sepsis	2	•
Rotaviral infections		
Rotavirus infection	1	0

Reaction Name	Total	Fatal
Infections Infections cont'd		
Rubeola viral infections		
Measles	1	0
Sepsis, bacteraemia, viraemia and fungaemia NEC		
Sepsis	18	0
Sepsis neonatal	1	0
Skin structures and soft tissue infections		
Eczema infected	1	0
Skin infection	4	0
Subcutaneous abscess	1	0
Vaccination site pustule	1	0
Staphylococcal infections		
Furuncle	1	0
Streptococcal infections		
Cellulitis streptococcal	1	0
Scarlet fever	1	0
Tuberculous infections		
Erythema induratum	3	0
Upper respiratory tract infections		
Croup infectious	3	0
Nasopharyngitis	9	0
Pharyngitis	1	0
Tonsillitis	3	0
Upper respiratory tract infection	1	0
Urinary tract infections		
Kidney infection	1	0
Urinary tract infection	3	0
Viral infections NEC		
Bronchiolitis	4	0
Gastroenteritis viral	2	0
Meningitis viral	2	0
Viral infection	1	0
Viral rash	4	0
Viral upper respiratory tract infection	1	0
Infections SOC TOTAL	218	o

Earliest Reaction Date: 15-Aug-2009 MedDRA Version: MedDRA 24.0		
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	1	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
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		
Drug monitoring procedure not performed	1	0
Product prescribing errors and issues		
Product prescribing error	1	0
Product storage errors and issues in the product use system		
Product storage error	4	0
Skin injuries NEC		
Contusion	14	0
Scar	2	0
Skin injury	1	0
Skin laceration	1	0
Vaccination related complications		
Vaccination complication	3	0
Injuries SOC TOTAL	70	0

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Reaction Name	Total	Fatal
Investigations		
Blood gas and acid base analyses		
Oxygen saturation decreased	12	일 이
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	2 0
Heart rate and pulse investigations		
Heart rate abnormal	3	3 0
Heart rate decreased	1	0
Heart rate increased	22	2 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 state	us	
Body temperature		0
Body temperature abnormal	7	
Body temperature decreased	Ę	0
Body temperature fluctuation	3	
Body temperature increased	92	
Breath sounds abnormal		
Respiratory rate increased	14	ıl ol
Platelet analyses		
Platelet count increased	1	0
Protein analyses NEC		
C-reactive protein increased	18	3l ol
Red blood cell analyses		
Haemoglobin decreased		<u>2</u>
Respiratory and pulmonary function diagnostic procedure		
Apnoea test abnormal	1	0
Respiratory tract and thoracic imaging procedures		
Chest X-ray abnormal		0
Tissue enzyme analyses NEC		
Enzyme level increased		0
Urinary tract function analyses NEC		
Urine output decreased	4	l o
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		0
Neutrophil count decreased		Ö
White blood cell count increased	6	
Investigations SOC TOTAL	208	-

Reaction Name	Total	Fatal
Metabolic disorders		
Appetite disorders		
Appetite disorder	1	0
Decreased appetite	90	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	3	0
Metabolic disorders SOC TOTAL	204	0

Reaction Name	Total	Fatal
Muscle & tissue disorders		
Arthropathies NEC		
Arthritis		1 0
Arthropathy		1 0
Joint related signs and symptoms		
Arthralgia	1	
Joint effusion		1 0
Joint stiffness		1 0
Joint swelling		4 0
Muscle infections and inflammations		
Myositis		3 0
Muscle pains		
Myalgia	1	6 0
Muscle related signs and symptoms NEC		
Muscle spasms		4 0
Muscle tightness		1 0
Muscle twitching		8 0
Muscle tone abnormalities		
Floppy infant	3	9 0
Muscle rigidity		4 0
Muscle weakness conditions		
Muscular weakness		8 0
Musculoskeletal and connective tissue conditi	ons NEC	
Infantile back arching		2 0
Limb mass		2 0 5 0
Mobility decreased		4 0 7 0
Musculoskeletal stiffness	3	7 0
Posture abnormal		2 0
Toe walking		1 0
Weight bearing difficulty	2	0 0
Musculoskeletal and connective tissue pain a	nd discomfort	
Back pain		2 0
Limb discomfort	1	2 0
Musculoskeletal discomfort		2 0
Neck pain		5 0
Pain in extremity	26	2 0
Spondyloarthropathies		
Arthritis reactive		2 0
Synovial disorders		
Synovitis		2 0
Muscle & tissue disorders SOC TOTAL	46	

Name: Meningitis B Vaccine Drug Analysis Print

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Earliest Reaction Date: 15-Aug-2009 MedDRA Version: MedDRA 24.	0	
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	0
Lethargy	69	0
Loss of consciousness	14	_
Postictal state	1	0
Somnolence	86	0
Syncope	58	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	42	0
Narcolepsy and hypersomnia		
Hypersomnia	8	0
Nervous system disorders NEC		
Meningeal disorder	1	0
Meningocele acquired	1	0

Earliest Reaction Date: 15-Aug-2009 MedDRA Version: MedDRA 24.0		
Reaction Name	Total	<u>Fatal</u>
Nervous system disorders us system disorders cont'd		
Nervous system disorder	1	0
Neurological signs and symptoms NEC		
Agitation neonatal	1	0
Decerebrate posture	1	0
Dizziness	32	0
Drooling		
Exaggerated startle response	2 2	0
Fontanelle bulging	6	
Hyporesponsive to stimuli	4	
Inability to crawl	1	0
Infant irritability	3	
Meningism	3	
Myoclonus	2	ő
Neurological decompensation	1	0
Pleocytosis	6	
Presyncope	11	o o
Slow response to stimuli	1	ő
Unresponsive to stimuli	67	ő
Neuromuscular disorders NEC	07	
Hypotonic-hyporesponsive episode	11	0
Muscle spasticity	1	0
Paraesthesias and dysaesthesias	'	0
	2	0
Hyperaesthesia	2	
Hypoaesthesia Paraesthesia	3 2	0
		U
Paralysis and paresis (excl cranial nerve)		_
Monoplegia	3	1
Paralysis	2	0
Seizures and seizure disorders NEC		_
Epilepsy	4	0
Epileptic encephalopathy	50	0
Febrile convulsion	50	0
Infantile spasms	2	0
Partial seizures	8	
Seizure	51	0
Seizure anoxic	2 2	0
Seizure like phenomena		0
Status epilepticus	2	0
Tonic clonic movements	1	0
Tonic convulsion	1	0
Sensory abnormalities NEC		
Aura	2	0
Sensory disturbance	2	0
Sleep disturbances NEC		
Sudden onset of sleep	1	0
Speech and language abnormalities		
Dysarthria	1	0
Speech disorder	3	0
Speech disorder developmental	1	0
Tremor (excl congenital)		
Tremor	24	0
Nervous system disorders SOC TOTAL	757	l o

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

Reaction Name	Total	Fatal
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	4	4 0
null SOC TOTAL		el o

Earliest Reaction Date: 15-Aug-2009	MedDRA Version: MedDRA 24.0		
Reaction Name	<u> </u>	<u>Total</u>	<u>Fatal</u>
Psychiatric disorders			
Abnormal behaviour NEC			
Abnormal behaviour		19	0
Behaviour disorder		2	0
Breath holding		8	0
Regressive behaviour		1	0
Staring		7	0
Affect alterations NEC			
Flat affect		1	0
Anxiety disorders NEC			J
Separation anxiety disorder		1	0
Anxiety symptoms			J
Agitation		13	0
Anxiety		2	0
Stress		1	0
Behaviour and socialisation disturbances			U
		1	0
Aggression			0
Personality change		5	0
Social avoidant behaviour		6	U
Communications disorders		4	•
Communication disorder		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 si	eep		
Insomnia		23	0
Middle insomnia		2	0
Dyssomnias			
Poor quality sleep		7	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		184	0
Mood altered		5	0
Fear symptoms and phobic disorders (incl s	social phobia)	Ŭ	J
Phonophobia	locial priodia)	1	0
Hallucinations (excl sleep-related)			0
Hallucination		3	0
Hallucination, visual		1	0
Hallucinations, mixed		1	0
Increased physical activity levels			U
* *		2.4	0
Restlessness Mental diporders NEC		34	U
Mental disorders NEC		4	^
Mental disorder		1	0
Mood alterations with depressive symptoms	5		_
Decreased interest		2	0
Depressed mood		4	0

### Case Series Drug Analysis Print Name: Meningitis B Vaccine Drug Analysis Print e: 08-Nov-2021 Data Lock Date: 17-Oct-2021 22:57:05 n Date: 15-Aug-2009 MedDRA Version: MedDRA 24.0

Report Run Date: 08-Nov-2021 Earliest Reaction Date: 15-Aug-2009

Reaction Name	Total	Fatal
Psychiatric disordersPsychiatric 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	13	0
Somatic symptom disorders		
Conversion disorder	1	0
Stereotypies and automatisms		
Bruxism	1	0
Tic disorders		
Tic	2	0
Psychiatric disorders SOC TOTAL	424	. 0

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Earliest Reaction Date: 15-Aug-2009 MedDRA Version: MedDRA 24.0

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

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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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Earliest Reaction Date: 15-Aug-2009 MedDRA Version: MedDRA 24.0		
Reaction Name	<u> Total</u>	<u>Fatal</u>
Respiratory disorders		
Breathing abnormalities		
Apnoea	30	0
Apnoeic attack	2	0
Dyspnoea	43	0
Grunting	3	0
Hyperventilation	1	0
Hypopnoea	10	0
Hypoventilation	1	0
Irregular breathing	2 2	0
Respiration abnormal		0
Respiratory arrest	14	1
Respiratory depression	1	0
Respiratory distress	3	0
Tachypnoea	9	0
Bronchospasm and obstruction		
Wheezing	10	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 inflammatory and immunologic conditions		
Pneumonia aspiration	1	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	2	0

Reaction Name	Total	Fatal
Respiratory disorders Respiratory disorders cont'd		
Increased viscosity of upper respiratory secretion	1	0
Nasal obstruction	1	0
Oropharyngeal blistering	1	0
Oropharyngeal pain	11	0
Rhinorrhoea	11	0
Sneezing	1	0
Respiratory disorders SOC TOTAL	230	1

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Earliest Reaction Date: 15-Aug-2009 MedDRA Version: MedDRA 24.0		
Reaction Name	Total	Fatal
Skin disorders		
Angioedemas		
Angioedema	1	0
Apocrine and eccrine gland disorders		
Cold sweat	14	0
Hyperhidrosis	20	0
Hypohidrosis	1	0
Miliaria	1	0
Bullous conditions		
Blister	15	0
Dermatitis bullous	1	0
Erythema multiforme	2	0
Pemphigoid	1	0
Dermal and epidermal conditions NEC		
Dry skin	5	0
Pain of skin	4	0
Papule	11	0
Skin burning sensation	1	0
Skin discolouration	50	0
Skin disorder	1	0
Skin indentation	1	0
Skin induration	11	0
Skin lesion	2	0
Skin odour abnormal	1	0
Skin plaque	2	0
Skin reaction	9	0
Skin tightness	2	0
Skin warm	40	0
Skin weeping	1	0
Dermatitis and eczema	·	Ü
Dermatitis	1	0
Dermatitis allergic	16	0
Dermatitis atopic	2	0
Dermatitis diaper	4	0
Eczema	14	0
Eczema infantile	1	0
Dermatitis ascribed to specific agent		
Drug eruption	1	0
Palmar-plantar erythrodysaesthesia syndrome	1	0
Erythemas		
Érythema	182	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	31	0
Purpura	10	0
Pustular conditions		

Reaction Name	Total	Fatal
Skin disorders Cont'd		
Acute generalised exanthematous pustulosis	1	0
Rash follicular	1	0
Rashes, eruptions and exanthems NEC		
Rash	200	0
Rash erythematous	22	0
Rash macular	48	0
Rash maculo-papular	5	0
Rash morbilliform	12	0
Rash papular	15	0
Rash pruritic	5	
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	28	0
Urticarias		
Urticaria	56	о
Urticaria pressure	1	0
Skin disorders SOC TOTAL	901	0

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

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

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Reaction Name	Total	<u>Fatal</u>
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	0
Peripheral embolism and thrombosis		
Deep vein thrombosis	1	0
Peripheral vascular disorders NEC		
Cyanosis	24	0
Flushing	8	0
Hot flush	2	0
Peripheral vasoconstriction, necrosis and vascular insufficiency		
Peripheral coldness	12	0
Poor peripheral circulation	1	0
Site specific vascular disorders NEC		
Pallor	141	0
Vascular hypertensive disorders NEC		
Hypertension	1	0
Orthostatic hypertension	1	o o
Vascular hypotensive disorders		Ĭ
Hypotension	2	0
Vascular disorders SOC TOTAL	217	1
TOTAL REACTIONS FOR DRUG	7667	25
TO THE REMOTION OF DICO	7.007	
TOTAL REPORTS	2070	
	2872	
TOTAL FATAL OUTCOME REPORTS		25