Report Run Date: 14-Dec-2021

Data Lock Date: 13-Dec-2021 18:30:04

Earliest Reaction Date: 13-Nov-1991 MedDRA 24.1 MedDRA Version:

FOI 21/1248 BCG

Vaccine:

All spontaneous UK Adverse Drug Reports (ADR) associated with the BCG vaccine between 1997 and 2003. Data ran 14.12.21

Reaction Name	Total	Fatal
Blood disorders		
Bleeding tendencies		
Increased tendency to bruise	1	0
Lymphatic system disorders NEC		
Lymphadenitis	3	3 0
Lymphadenopathy	6	6 0
Spleen disorders		
Splenomegaly	1	0
Blood disorders SOC TOTAL	11	ıl o

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Reaction Name	Total	Fatal
Cardiac disorders		
Cardiac signs and symptoms NEC		
Palpitations	1	0
Rate and rhythm disorders NEC		
Bradycardia	2	0
Tachycardia	3	0
Cardiac disorders SOC TOTAL	6	0

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Reaction Name	Total	Fatal
Ear disorders		
Hearing losses		
Deafness		2 0
Deafness transitory	•	0
Hypoacusis	•	0
Inner ear signs and symptoms		
Tinnitus	•	0
Vertigo	2	2 0
Ear disorders SOC TOTAL		<u>'</u> 0

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Reaction Name	Total	Fatal
Eye disorders		
Iris and uveal tract infections, irritations and inflammations		
Iridocyclitis	1	0
Lid, lash and lacrimal infections, irritations and inflammations		
Swelling of eyelid	2	0
Ocular disorders NEC		
Eye disorder	4	0
Eye pain	2	0
Eye swelling	5	0
Ocular nerve and muscle disorders		
Eye movement disorder	10	0
Pupil disorders		
Mydriasis	3	0
Visual disorders NEC		
Photopsia	1	0
Vision blurred	6	0
Visual impairment and blindness (excl colour blindness)		
Visual impairment	1	0
Eve disorders SOC TOTAL	35	0

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Reaction Name	Total	Fatal
Gastrointestinal disorders		
Diarrhoea (excl infective)		
Diarrhoea	2	0
Gastrointestinal and abdominal pains (excl oral and throat)		
Abdominal pain	5	0
Abdominal pain upper	3	0
Abdominal rigidity	1	0
Gastrointestinal signs and symptoms NEC		
Dysphagia	2	0
Nausea and vomiting symptoms		
Nausea	41	0
Retching	2	0
Vomiting	26	0
Oral dryness and saliva altered		
Dry mouth	2	0
Salivary hypersecretion	1	0
Oral soft tissue signs and symptoms		
Hypoaesthesia oral	1	0
Oral pain	1	0
Oral soft tissue swelling and oedema		
Lip swelling	5	0
Tongue disorders		
Tongue disorder	1	0
Tongue signs and symptoms		
Swollen tongue	2	0
Gastrointestinal disorders SOC TOTAL	95	0

	MedDRA Version: MedDRA 24.1	
Reaction Name	Tota	<u>I Fatal</u>
General disorders		
Asthenic conditions		
Asthenia		4 0
Chronic fatigue syndrome		1 0
Fatigue		6 0
Malaise	4	44 0
Death and sudden death		
Sudden death		1 1
Febrile disorders		
Pyrexia		9 0
Feelings and sensations NEC		
Chills		3 0
Feeling abnormal		4 0
Feeling drunk		1 0
Feeling hot		15 0
Feeling of body temperature change		2 0
Thirst		1 0
Gait disturbances		
Gait disturbance		2 0
General signs and symptoms NEC		
Crying		2 0
Illness		3 0
Influenza like illness		3 0
Local reaction	:	24 0
Peripheral swelling		9 0
Swelling		13 0
Swelling face		3 0
Healing abnormal NEC		
Impaired healing		7 0
Inflammations		
Inflammation		7 0
Injection site reactions		
Injection site abscess sterile		1 0
Injection site granuloma		1 0
Injection site haemorrhage		4 0
Injection site induration		1 0
Injection site industrion		18 0
Injection site mass		
Injection site mass		2 0
Injection site pain		-1
Injection site pair		2 0
Injection site reaction	11	_
Injection site reaction	1	00 0
Injection site ulcer		20 0
Mass conditions NEC	,	-0
Mass		1 0
Oedema NEC		ıl
Face oedema		2 0
Oedema		2 0
Oedema peripheral		4 0
Pain and discomfort NEC		
Chest discomfort		7 0
		7 0 3 0
Chest pain		
Pain		4 0

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Reaction Name		Total	Fatal
General disorders	General disorders cont'd		
Tenderness		1	0
General disorders So	OC TOTAL	340	1

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Reaction Name	Total	Fatal
Immune system disorders		
Allergic conditions NEC		
Hypersensitivity	6	0
Anaphylactic and anaphylactoid responses		
Anaphylactic reaction	20	0
Anaphylactic shock	3	0
Autoimmune disorders NEC		
Autoimmune disorder	1	0
Immune and associated conditions NEC		
Haemophagocytic lymphohistiocytosis	1	0
Immune system disorders SOC TOTAL	31	0

Reaction Name	Total	Fatal
Infections		
Atypical mycobacterial infections		
Atypical mycobacterial infection	1	0
Ear infections		
Otitis externa	1	0
Eye and eyelid infections		
Conjunctivitis	2	0
Herpes viral infections		
Herpes zoster	1	0
Infections NEC		
Abscess	60	0
Infection	3	0
Injection site abscess	54	0
Localised infection	2	0
Purulent discharge	1	0
Skin structures and soft tissue infections		
Pustule	6	0
Subcutaneous abscess	2	0
Staphylococcal infections		
Furuncle	2	0
Staphylococcal infection	1	0
Tuberculous infections		
Disseminated tuberculosis	1	1
Erythema induratum	19	0
Lymph node tuberculosis	1	0
Tuberculosis	6	0
Upper respiratory tract infections		
Nasopharyngitis	4	0
Pharyngitis	1	0
Viral infections NEC		
Post viral fatigue syndrome	1	0
Infections SOC TOTAL	169	1

Reaction Name	Total	Fatal
Injuries		
Non-site specific injuries NEC		
Fall	6	0
Product administration errors and issues		
Accidental overdose	1	0
Site specific injuries NEC		
Head injury	1	0
Skin injuries NEC		
Scar	4	0
Skin abrasion	2	0
Injuries SOC TOTAL	14	0

Latiest Neaction Date: 13-Nov-1991 MedDIXA Version: MedDIXA 24:		
Reaction Name	Total_	<u>Fatal</u>
Investigations		
Carbohydrate tolerance analyses (incl diabetes)		
Blood glucose decreased	2	0
ECG investigations		
Electrocardiogram abnormal	1	0
Heart rate and pulse investigations		
Heart rate decreased	6	0
Heart rate increased	9	0
Heart rate irregular	1	0
Pulse abnormal	5	0
Pulse absent	2	0
Immunology skin tests NEC		
Skin test positive	4	0
Neurologic diagnostic procedures		
Electroencephalogram abnormal	1	0
Physical examination procedures and organ system status		
Body temperature	1	0
Body temperature decreased	1	0
Respiratory rate decreased	1	0
Respiratory rate increased	2	0
Vascular tests NEC (incl blood pressure)		
Blood pressure decreased	2	0
Investigations SOC TOTAL	38	0

Reaction Name	Total	Fatal
Metabolic disorders		
Appetite disorders		
Decreased appetite	1	0
Calcium metabolism disorders		
Tetany	1	0
Diabetes mellitus (incl subtypes)		
Type 1 diabetes mellitus	1	<b>І</b> о
Hypoglycaemic conditions NEC		
Hypoglycaemia	1	0
Metabolic disorders SOC TOTAL	4	0

	WiedDRA Version. WedDRA 24.1	
Reaction Name	Total	Fatal
Muscle & tissue disorders		
Arthropathies NEC		
Polyarthritis	1	0
Bone related signs and symptoms		
Pain in jaw	1	0
Joint related signs and symptoms		
Arthralgia	5	0
Joint stiffness	1	0
Joint swelling	3	0
Muscle related signs and symptoms NEC		
Muscle disorder	1	0
Muscle spasms		2 0
Muscle tightness	1	0
Muscle twitching	18	0
Muscle tone abnormalities		
Muscle rigidity	16	0
Muscle weakness conditions		
Muscular weakness	1	0
Musculoskeletal and connective tissue conditi	ions NEC	
Mobility decreased	1	0
Musculoskeletal stiffness	6	0
Musculoskeletal and connective tissue pain a	nd discomfort	
Back pain	1	0
Neck pain	3	0
Pain in extremity	12	0
Rheumatoid arthropathies		
Rheumatoid arthritis	1	0
Spondyloarthropathies		
Arthritis reactive	3	0
Muscle & tissue disorders SOC TOTAL	77	r o

	MedDRA Version: MedDRA 24.1	
Reaction Name	Total	<u>Fatal</u>
Nervous system disorders		
Acute polyneuropathies		
Guillain-Barre syndrome	1	1 0
Coordination and balance disturbances		
Balance disorder	3	3 0
Dysstasia		1 0
Disturbances in consciousness NEC		
Altered state of consciousness		1 0
Depressed level of consciousness	1	1 0
Lethargy		1 0
Loss of consciousness	18	3 0
Somnolence	3	3 0
Syncope	108	3 0
Dyskinesias and movement disorders NEC		
Dyskinesia	12	2 0
Movement disorder	1	1 0
Dystonias		
Opisthotonus	1	1 0
Facial cranial nerve disorders		
Facial paralysis	1	1 0
Headaches NEC		
Headache	54	4 0
Mental impairment (excl dementia and memor	y loss)	
Disturbance in attention	´ ´   1	1 0
Muscle tone abnormal		
Hypotonia		2 0
Nervous system disorders NEC		
Cerebral disorder		1 0
Neurological signs and symptoms NEC		
Dizziness	110	0 0
Presyncope	5	5 0
Unresponsive to stimuli	3	
Paraesthesias and dysaesthesias		
Hypoaesthesia	2	2 0
Paraesthesia	18	3 0
Seizures and seizure disorders NEC		
Epilepsy	1	1 0
Seizure	18	
Sensory abnormalities NEC		
Ageusia	1	1 0
Dysgeusia	2	
Speech and language abnormalities		
Speech disorder	2	2 0
Tremor (excl congenital)		
Tremor	9	0
Nervous system disorders SOC TOTAL	381	

Reaction Name	Total	Fatal
Psychiatric disorders		
Abnormal behaviour NEC		
Staring	2	. 0
Anxiety symptoms		
Agitation		0
Nervousness		0
Tension		0
Behaviour and socialisation disturbances		
Aggression	1	0
Confusion and disorientation		
Confusional state	4	0
Disorientation		0
Dissociative states		
Dissociation		0
Emotional and mood disturbances NEC		
Emotional distress		0
Mood alterations with depressive symptoms		
Tearfulness	2	. 0
Parasomnias		
Nightmare		0
Stereotypies and automatisms		
Bruxism	2	. 0
Psychiatric disorders SOC TOTAL	18	o l

Reaction Name	Total	Fatal
Renal & urinary disorders		
Bladder and urethral symptoms		
Urinary incontinence	7	0
Renal failure complications		
Azotaemia	1	0
Urinary abnormalities		
Haematuria	1	0
Urinary tract lithiasis (excl renal)		
Calculus bladder	1	0
Ureterolithiasis	1	0
Renal & urinary disorders SOC TOTAL	11	0

Reaction Name	Total	Fatal
Reproductive & breast disorders		
Breast signs and symptoms		
Breast pain	1	0
Reproductive & breast disorders SOC TOTAL	1	l ol

Reaction Name	Total	Fatal
Respiratory disorders		
Breathing abnormalities		
Dyspnoea	13	0
Hyperventilation	8	3 0
Hypopnoea	2	2 0
Bronchospasm and obstruction		
Asthma	4	4 0
Bronchospasm	•	1 0
Wheezing	•	1 0
Coughing and associated symptoms		
Cough	3	3 0
Nasal congestion and inflammations		
Nasal congestion		1 0
Nasal disorders NEC		
Epistaxis		1 0
Parenchymal lung disorders NEC		
Interstitial lung disease		1 0
Pharyngeal disorders (excl infections and neoplasm		
Pharyngeal swelling		1 0
Respiratory signs and symptoms NEC		
Painful respiration		1 0
Upper respiratory tract signs and symptoms		
Dry throat		1 0
Dysphonia		I 0
Oropharyngeal pain		3 0
Throat irritation	•	1 0
Throat tightness		-
Respiratory disorders SOC TOTAL	46	sl o

Earliest Reaction Date: 13-Nov-1991 M	edDRA Version: MedDRA 24.1		
Reaction Name	To	tal_	<u>Fatal</u>
Skin disorders			
Apocrine and eccrine gland disorders			
Cold sweat		20	0
Hyperhidrosis		18	0
Bullous conditions			
Blister		8	0
Stevens-Johnson syndrome		1	0
Dermal and epidermal conditions NEC			
Dry skin		2	0
Scab		4	0
Skin discolouration		2	0
Skin disorder		1	0
Skin induration		15	0
Skin lesion		5	0
Skin reaction		4	0
Dermatitis and eczema			
Dermatitis allergic		1	0
Eczema		2	0
Erythemas			
Erythema		18	0
Exfoliative conditions			
Skin exfoliation		1	0
Papulosquamous conditions			
Pityriasis rosea		2	0
Pruritus NEC			
Pruritus		9	0
Purpura and related conditions			
Purpura		4	0
Rashes, eruptions and exanthems NEC			
Rash		24	0
Rash erythematous		5	0
Rash macular		6	0
Rash maculo-papular		2	0
Rash morbilliform		1	0
Rash pruritic		1	0
Rash vesicular		1	0
Skin and subcutaneous tissue ulcerations			
Skin ulcer		15	0
Skin dystrophies			
Hypertrophic scar		1	0
Keloid scar		6	0
Skin hypoplasias and atrophies			
Skin atrophy		1	0
Skin vasculitides			
Vasculitic rash		1	0
Skin vasomotor conditions			
Livedo reticularis		1	0
Urticarias			0
Urticaria		27	0
Skin disorders SOC TOTAL		209	0
SKIN DISOFDERS SOUTOTAL		<u> 209</u>	

Reaction Name	Total	Fatal
Vascular disorders		
Circulatory collapse and shock		
Circulatory collapse	12	0
Peripheral circulatory failure	1	0
Shock	2	0
Haemorrhages NEC		
Haemorrhage	1	0
Peripheral vascular disorders NEC		
Cyanosis	5	0
Flushing	14	0
Peripheral vasoconstriction, necrosis and vascular insufficiency		
Peripheral coldness	2	0
Site specific vascular disorders NEC		
Pallor	61	0
Vascular disorders SOC TOTAL	98	0
TOTAL REACTIONS FOR DRUG	1591	2
TOTAL REPORTS	827	
TOTAL FATAL OUTCOME REPORTS		2