# Case Series Drug Analysis Print Name: FOI 21/636 Repevax vaccine

Report Run Date:	25-Jun-2021
Data Lock Date:	24-Jun-2021 18:30:03
Earliest Reaction Date:	30-Sep-2004
MedDRA Version:	MedDRA 24.0
FOI 21/636 Repevax vaccine:	All UK spontaneous suspected ADR reports associated with Repevax received up to and including 24 June 2021

## Name: FOI 21/636 Repevax vaccine

Report Run Date: 25-Jun-2021 Earliest Reaction Date: 30-Sep-2004

Reaction Name	Тс	otal	Fatal
Blood disorders			
Anaemias NEC			
Anaemia		1	0
Lymphatic system disorders NEC			
Lymphadenopathy		3	0
Thrombocytopenias			
Thrombocytopenia		1	0
Blood disorders SOC TOTAL		5	0

#### Name: FOI 21/636 Repevax vaccine

Report Run Date: 25-Jun-2021 Earliest Reaction Date: 30-Sep-2004 Data Lock Date: 24-Jun-2021 18:30:03 MedDRA Version: MedDRA 24.0 Reaction Name Total Fatal Cardiac disorders Rate and rhythm disorders NEC Bradycardia 0 3 Tachycardia 0 1 0 Cardiac disorders SOC TOTAL 4

## Name: FOI 21/636 Repevax vaccine

Report Run Date: 25-Jun-2021 Earliest Reaction Date: 30-Sep-2004

Reaction Name	Total	Fatal
Congenital disorders		
Lens disorders congenital		
Cataract congenital	3	0
Musculoskeletal and connective tissue disorders of limbs congenital		
Polydactyly	1	0
Syndactyly	1	0
Congenital disorders SOC TOTAL	5	0

#### Name: FOI 21/636 Repevax vaccine

Data Lock Date: 24-Jun-2021 18:30:03 MedDRA Version: MedDRA 24.0 Report Run Date: 25-Jun-2021

Earliest Reaction Date: 30-Sep-2004 Reaction Name Total Fatal Ear disorders Hyperacusia Hyperacusis 0 1 Inner ear signs and symptoms Vertigo 0 1 Ear disorders SOC TOTAL 2 0

## Name: FOI 21/636 Repevax vaccine

Report Run Date: 25-Jun-2021 Earliest Reaction Date: 30-Sep-2004

Reaction Name	Total	Fatal
Eye disorders		
Lacrimation disorders		
Lacrimation increased	1	0
Ocular disorders NEC		
Eye disorder	1	0
Eye swelling	1	0
Ocular infections, inflammations and associated manifestations		
Eye pruritus	1	0
Ocular nerve and muscle disorders		
Eye movement disorder	5	0
Strabismus	1	0
Pupil disorders		
Mydriasis	1	0
Pupil fixed	1	0
Visual disorders NEC		
Vision blurred	1	0
Eye disorders SOC TOTAL	13	0

## Name: FOI 21/636 Repevax vaccine

Report Run Date: 25-Jun-2021 Earliest Reaction Date: 30-Sep-2004

Reaction Name	Total	Fatal
Gastrointestinal disorders		
Diarrhoea (excl infective)		
Diarrhoea	10	0
Gastrointestinal and abdominal pains (excl oral and throat)		
Abdominal pain	2	0
Abdominal pain upper	4	0
Gastrointestinal atonic and hypomotility disorders NEC		
Constipation	1	0
Gastrointestinal dyskinetic disorders		
Change of bowel habit	1	0
Gastrointestinal signs and symptoms NEC		
Odynophagia	1	0
Nausea and vomiting symptoms		
Nausea	13	0
Vomiting	34	0
Oral soft tissue disorders NEC		
Oral disorder	1	0
Oral soft tissue signs and symptoms		
Oral discomfort	1	0
Paraesthesia oral	2	0
Oral soft tissue swelling and oedema		
Lip swelling	2	0
Tongue disorders		
Tongue ulceration	1	0
Gastrointestinal disorders SOC TOTAL	73	0

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Report Run Date: 25-Jun-2021Data Lock Date: 24-Jun-2021 18:30:03Earliest Reaction Date: 30-Sep-2004MedDRA Version: MedDRA 24.0

Reaction Name Total Fatal General disorders Administration site reactions NEC Administration site erythema 0 Administration site rash 0 0 Administration site swelling Application and instillation site reactions 0 Application site exfoliation Application site swelling 0 Asthenic conditions Asthenia 0 1 8 0 Fatique 0 18 Malaise Febrile disorders 0 Pyrexia 64 Feelings and sensations NEC 0 Chills 3 0 Feeling cold 1 0 Feeling drunk 1 0 Feeling hot 38 Thirst 0 1 General signs and symptoms NEC 0 Condition aggravated 0 Crepitations 0 Crying Δ Discharge 0 1 0 2 Illness 0 10 Induration Influenza like illness 0 1 98 0 Local reaction 0 170 Peripheral swelling 0 Screaming 2 0 Swelling 83 0 Swelling face Δ Inflammations 0 Inflammation 61 Injection site reactions 0 Injection site bruising 3 0 Injection site dermatitis 1 Injection site discolouration 5 0 0 Injection site discomfort 2 80 0 Injection site erythema 0 Injection site induration 15 0 Injection site inflammation 45 0 Injection site irritation 3 0 Injection site joint warmth 1 0 Injection site mass 9 0 Injection site oedema 1 0 Injection site pain 28 0 Injection site pruritus 11 Injection site rash 6 0 0 Injection site reaction 45 0 72 Injection site swelling 0 Injection site urticaria 1 Injection site vesicles 10 0

## Name: FOI 21/636 Repevax vaccine

Report Run Date: 25-Jun-2021 Earliest Reaction Date: 30-Sep-2004

Reaction Date: 30-Sep-2004 MedDRA Version: MedDRA	Total	Fatal
General disorders General disorders cont'd		i atai
Injection site warmth	20	C
Mucosal findings abnormal		
Mucosal disorder	1	C
Oedema NEC		
Localised oedema	1	C
Oedema	2	C
Oedema peripheral	2	0
Pain and discomfort NEC		
Chest discomfort	1	0
Chest pain	2	C
Discomfort	3	C
Pain	22	C
Tenderness	9	C
Therapeutic and nontherapeutic responses		
Adverse drug reaction	2	0
Vaccination site reactions		
Extensive swelling of vaccinated limb	4	0
Vaccination site bruising	2	C
Vaccination site discharge	1	C
Vaccination site discolouration	1	C
Vaccination site discomfort	2	C
Vaccination site erythema	63	C
Vaccination site induration	2	C
Vaccination site inflammation	7	C
Vaccination site irritation	1	C
Vaccination site joint erythema	2	C
Vaccination site joint inflammation	1	0
Vaccination site joint swelling	1	C
Vaccination site mass	6	C
Vaccination site pain	17	C
Vaccination site pruritus	1	C
Vaccination site rash	6	C
Vaccination site reaction	8	C
Vaccination site swelling	52	C
Vaccination site vesicles	3	C
Vaccination site warmth	29	C
General disorders SOC TOTAL	1193	C

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Report Run Date: 25-Jun-2021 Earliest Reaction Date: 30-Sep-2004 Data Lock Date: 24-Jun-2021 18:30:03 MedDRA Version: MedDRA 24.0 Reaction Name Total Fatal Hepatic disorders Cholestasis and jaundice Cholestasis 0 1 Jaundice 0 1 0 Hepatic disorders SOC TOTAL 2

## Name: FOI 21/636 Repevax vaccine

Report Run Date: 25-Jun-2021 Earliest Reaction Date: 30-Sep-2004

	<b>T</b> ( )	
Reaction Name	<u> </u>	<u>Fatal</u>
Immune system disorders		
Allergic conditions NEC		
Hypersensitivity	17	0
Type IV hypersensitivity reaction	1	0
Allergies to foods, food additives, drugs and other chemicals		
Reaction to excipient	1	0
Anaphylactic and anaphylactoid responses		
Anaphylactic reaction	6	0
Immune system disorders SOC TOTAL	25	0

## Name: FOI 21/636 Repevax vaccine

Report Run Date: 25-Jun-2021 Earliest Reaction Date: 30-Sep-2004

Earliest Reaction Date: 30-Sep-2004	MedDRA Version: MedDRA 24.0		
Reaction Name		Total	Fatal
Infections			
Bacterial infections NEC			
Administration site cellulitis		5	0
Application site cellulitis		1	0
Cellulitis		52	0
Injection site cellulitis		8	0
Vaccination site cellulitis		14	0
Bordetella infections			
Pertussis		1	0
Corynebacteria infections			
Diphtheria		1	0
Ear infections			
Ear infection		2	0
Eye and eyelid infections			
Conjunctivitis		1	0
Infections NEC			
Infection		4	0
Injection site infection		2	0
Vaccination site infection		3	0
Influenza viral infections			
Influenza		2	0
Molluscum contagiosum viral infections			
Molluscum contagiosum		1	0
Muscle and soft tissue infections			
Muscle abscess		1	0
Sepsis, bacteraemia, viraemia and fungaem	nia NEC		
Sepsis		2	1
Skin structures and soft tissue infections			
Rash pustular		1	0
Skin infection		1	0
Tuberculous infections			
Erythema induratum		4	0
Upper respiratory tract infections			
Nasopharyngitis		3	0
Rhinitis		1	0
Tonsillitis		2	0
Upper respiratory tract infection		1	0
Infections SOC TOTAL		113	1

## Name: FOI 21/636 Repevax vaccine

Report Run Date: 25-Jun-2021 Earliest Reaction Date: 30-Sep-2004

Reaction Name	Total	Fatal
Injuries		
Exposures associated with pregnancy, delivery and lactation		
Exposure during pregnancy	15	C
Foetal exposure during pregnancy	10	C
Maternal exposure during pregnancy	6	0
Medication errors, product use errors and issues NEC		
Inadequate aseptic technique in use of product	1	C
Medication error	3	C
Wrong technique in product usage process	3	C
Non-site specific injuries NEC		
Fall	1	0
Non-site specific procedural complications		
Administration related reaction	1	C
Wound dehiscence	1	C
Overdoses NEC		
Overdose	1	C
Product administration errors and issues		
Expired product administered	4	C
Inappropriate schedule of product administration	5	C
Product administered to patient of inappropriate age	1	C
Wrong product administered	6	0
Product storage errors and issues in the product use system		
Product storage error	1	0
Reproductive system and breast injuries		
Perineal injury	2	C
Skin injuries NEC		
Contusion	9	C
Scar	1	C
Skin abrasion	1	0
Underdoses NEC		
Underdose	1	C
Injuries SOC TOTAL	73	0

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Report Run Date: 25-Jun-2021 Earliest Reaction Date: 30-Sep-2004

Reaction Name	Total	Fatal
Investigations		
Blood gas and acid base analyses		
Oxygen saturation decreased	1	C
Foetal and neonatal diagnostic procedures		
Foetal monitoring abnormal	1	C
Heart rate and pulse investigations		
Heart rate decreased	3	C
Heart rate irregular	2	0
Radial pulse abnormal	1	C
Liver function analyses		
Alanine aminotransferase increased	1	0
Liver function test abnormal	1	0
Metabolism tests NEC		
Urine ketone body present	1	0
Physical examination procedures and organ system status		
Body temperature increased	6	0
Respiratory rate decreased	1	0
Protein analyses NEC		
C-reactive protein increased	1	0
Renal function analyses		
Blood creatinine increased	1	0
Urinalysis NEC		
Protein urine present	1	0
Vascular tests NEC (incl blood pressure)		
Blood pressure decreased	1	C
White blood cell analyses		
White blood cell count increased	1	0
Investigations SOC TOTAL	23	

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Report Run Date: 25-Jun-2021 Earliest Reaction Date: 30-Sep-2004

Reaction Name	Total	Fatal
Metabolic disorders		
Appetite disorders		
Decreased appetite	10	0
Diabetes mellitus (incl subtypes)		
Diabetes mellitus inadequate control	1	0
Food malabsorption and intolerance syndromes (excl sugar intolerance)		
Dairy intolerance	1	0
Food intolerance	1	0
General nutritional disorders NEC		
Feeding disorder	1	0
Hypoglycaemic conditions NEC		
Hypoglycaemia neonatal	1	0
Metabolic acidoses (excl diabetic acidoses)		
Metabolic acidosis	1	0
Total fluid volume decreased		
Dehydration	1	0
Metabolic disorders SOC TOTAL	17	0

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Earliest Reaction Date: 30-Sep-2004 Reaction Name	MedDRA Version: MedDRA 24.0 Total	Fatal
Muscle & tissue disorders		
Bone related signs and symptoms		
Bone pain	1	
Joint related disorders NEC		
Hypermobility syndrome	1	
Joint related signs and symptoms		
Arthralgia	6	
Joint effusion	1	
Joint stiffness	2	
Joint swelling	1	
Muscle infections and inflammations		
Myositis	3	
Muscle pains		
Myalgia	5	
Muscle related signs and symptoms NE	C	
Muscle fatigue	1	
Muscle spasms	3	
Muscle swelling	1	
Muscle twitching	3	
Muscle tone abnormalities		
Floppy infant	1	
Muscle rigidity	3	
Muscle weakness conditions		
Muscular weakness	3	0
Musculoskeletal and connective tissue c	conditions NEC	
Mobility decreased	1	0
Musculoskeletal stiffness	4	(
Weight bearing difficulty	1	(
Musculoskeletal and connective tissue p	ain and discomfort	
Back pain	2	(
Limb discomfort	2	(
Pain in extremity	33	0
Rheumatoid arthropathies		
Juvenile idiopathic arthritis	1	
Rheumatoid arthritis	1	(
Muscle & tissue disorders SOC TOTAL	80	<u> </u>

## Name: FOI 21/636 Repevax vaccine

Report Run Date: 25-Jun-2021 Earliest Reaction Date: 30-Sep-2004

	dDRA Version: MedDRA 24.0	
Reaction Name	Total	Fatal
Nervous system disorders		
Absence seizures		
Petit mal epilepsy	1	0
Acute polyneuropathies		
Guillain-Barre syndrome	2	0
Coordination and balance disturbances		
Coordination abnormal	1	0
Hand-eye coordination impaired	1	0
Cortical dysfunction NEC		
Dyspraxia	1	0
Disturbances in consciousness NEC		
Depressed level of consciousness	1	0
Lethargy	2	
Loss of consciousness	5	
Somnolence	9	
Syncope	20	0
Dyskinesias and movement disorders NEC		
Dyskinesia	3	
Hypokinesia	1	0
Movement disorder	1	0
Psychomotor hyperactivity	1	0
Dystonias		
Opisthotonus	1	0
Encephalitis NEC		
Encephalitis post immunisation	1	0
Facial cranial nerve disorders		
Bell's palsy	1	0
Facial paralysis	1	0
Generalised tonic-clonic seizures		
Generalised tonic-clonic seizure	2	0
Headaches NEC		
Headache	13	
Tension headache	1	0
Migraine headaches		
Migraine	1	0
Muscle tone abnormal		
Hypotonia	12	0
Myelitis (incl infective)		
Myelitis transverse	1	0
Narcolepsy and hypersomnia		
Hypersomnia	1	0
Neurological signs and symptoms NEC		
Dizziness	10	0
Head discomfort	1	0
Presyncope	3	0
Unresponsive to stimuli	7	0
Neuromuscular disorders NEC		
Hypotonic-hyporesponsive episode	2	C
Paraesthesias and dysaesthesias		
Hypoaesthesia	1	C
Paraesthesia	2	C C
Seizures and seizure disorders NEC		
Epilepsy	1	C
Febrile convulsion	1	

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Report Run Date: 25-Jun-2021 Earliest Reaction Date: 30-Sep-2004

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Reaction Name		Total	Fatal
Nervous system disordersus system disorders	cont'd		
Myoclonic epilepsy		1	0
Neonatal seizure		1	0
Partial seizures		1	0
Seizure		4	0
Seizure like phenomena		1	0
Sensory abnormalities NEC			
Allodynia		1	0
Sensory disturbance		1	0
Speech and language abnormalities			
Speech disorder		1	0
Structural brain disorders NEC			
Brain injury		1	0
Tremor (excl congenital)			
Tremor		4	0
Nervous system disorders SOC TOTAL		128	0

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MedDRA Version: MedDRA 24.0 Fatal Reaction Name Total Pregnancy conditions Amniotic fluid and cavity disorders of pregnancy NEC Amniorrhoea 0 Foetal complications NEC Foetal distress syndrome 0 Foetal hypokinesia 0 8 Foetal position and presentation abnormalities **Breech presentation** 2 0 Labour onset and length abnormalities Premature delivery 0 2 2 0 Premature labour Premature rupture of membranes 0 1 Prolonged labour 5 0 Neonatal hepatobiliary disorders Jaundice neonatal 0 Normal pregnancy, labour and delivery 0 Pregnancy Placental abnormalities (excl neoplasms) Foetal placental thrombosis 0 Postpartum complications NEC Postpartum haemorrhage 3 0 Stillbirth and foetal death 2 Foetal death 3 7 Stillbirth 7 Umbilical cord complications 0 Umbilical cord thrombosis 1 39 9 Pregnancy conditions SOC TOTAL

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Report Run Date: 25-Jun-2021 Earliest Reaction Date: 30-Sep-2004

Reaction Name	Total	Fatal
Psychiatric disorders		
Abnormal behaviour NEC		
Abnormal behaviour	3	0
Staring	3	0
Anxiety symptoms		
Anxiety	2	0
Behaviour and socialisation disturbances		
Aggression	1	0
Confusion and disorientation		
Confusional state	1	0
Eating disorders NEC		
Eating disorder	1	0
Emotional and mood disturbances NEC		
Anger	1	0
Emotional distress	1	0
Irritability	4	0
Mood altered	1	c d
Fluctuating mood symptoms		
Mood swings	1	c d
Hallucinations (excl sleep-related)		
Hallucination	1	0
Hallucination, visual	1	C
Mood disorders NEC		
Apathy	1	C
Listless	2	0
Obsessive-compulsive disorders and symptoms		
Obsessive-compulsive symptom	1	C
Pervasive developmental disorders NEC		
Autism spectrum disorder	4	C
Sleep disorders NEC		
Sleep disorder	1	0
Speech and language usage disturbances		Ĭ
Disorganised speech	1	C
Psvchiatric disorders SOC TOTAL	31	

## Name: FOI 21/636 Repevax vaccine

Report Run Date: 25-Jun-2021 Earliest Reaction Date: 30-Sep-2004

Reaction Name	Total	Fatal
Renal & urinary disorders		
Bladder and urethral symptoms		
Urinary incontinence	3	0
Urinary retention	1	0
Renal disorders NEC		
Renal disorder	1	0
Renal failure and impairment		
Renal impairment	1	0
Renal obstructive disorders		
Hydronephrosis	1	0
Renal structural abnormalities and trauma		
Pyelocaliectasis	1	0
Renal & urinary disorders SOC TOTAL	8	0

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Reaction Name		Total	Fatal
Reproductive & breast disorders			
Penile disorders NEC (excl erection and e)	aculation)		
Penile swelling		1	0
Vulvovaginal disorders NEC			
Vaginal haemorrhage		5	0
Reproductive & breast disorders SOC TOTA	L	6	0

## Name: FOI 21/636 Repevax vaccine

Report Run Date: 25-Jun-2021 Earliest Reaction Date: 30-Sep-2004

Reaction Name	Total	Fatal
Respiratory disorders		
Breathing abnormalities		
Dyspnoea	6	0
Respiration abnormal	1	0
Respiratory depression	1	0
Respiratory distress	1	0
Bronchospasm and obstruction		
Wheezing	2	0
Conditions associated with abnormal gas exchange		
Hypoxia	1	0
Coughing and associated symptoms		
Cough	14	0
Nasal congestion and inflammations		
Nasal congestion	2	0
Nasal disorders NEC		
Epistaxis	1	0
Nasal pruritus	1	0
Upper respiratory tract signs and symptoms		
Oropharyngeal pain	4	0
Rhinorrhoea	1	0
Snoring	1	0
Respiratory disorders SOC TOTAL	36	0

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Report Run Date: 25-Jun-2021 Earliest Reaction Date: 30-Sep-2004

Earliest Reaction Date: 30-Sep-2004	MedDRA Version: MedDRA 24.0	1	Eatal
Reaction Name	Tota	<u>и</u> –	Fatal
Skin disorders		-	
Angioedemas			0
Angioedema		1	0
Apocrine and eccrine gland disorders			
Cold sweat		7	0
Hyperhidrosis		2	0
Bullous conditions			
Blister		26	0
Dermatitis bullous		1	0
Erythema multiforme		2	0
Dermal and epidermal conditions NEC			
Dry skin		1	0
Papule		1	0
Skin discolouration		3	0
Skin induration		2	0
Skin lesion		3	0
Skin reaction		10	0
Skin texture abnormal		1	0
Skin warm		15	0
Dermatitis and eczema			
Dermatitis		2	0
Dermatitis allergic		3	0
Eczema		4	0
Skin irritation		3	0
Erythemas		Ŭ	
Erythema	2	17	0
Nail and nail bed conditions (excl infections a			
Nail discolouration		1	0
Photosensitivity and photodermatosis condit	ions		
Photosensitivity reaction		1	0
Pruritus NEC			Ŭ
Pruritus		39	0
Rashes, eruptions and exanthems NEC			U
Rash		19	0
Rash erythematous		6	0
Rash macular		2	0
Rash maculo-papular		1	0
Rash morbilliform		1	0
Rash pruritic		6	0
Skin vascular conditions NEC			0
Skin vascular conditions NEC		1	0
			0
Urticarias		2	0
Urticaria		22	0
Skin disorders SOC TOTAL	4	03	0

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 Earliest Reaction Date: 30-Sep-2004
 MedDRA Version: MedDRA 24.0

 Reaction Name
 Total Fatal

 Social circumstances
 Immobile

 Immobile
 1
 0

 Social circumstances SOC TOTAL
 1
 0

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Earliest Reaction Date: 30-Sep-2004	MedDRA Version: MedDRA 24.0		
Reaction Name		Total	Fatal
Surgical & medical procedures			
Obstetric therapeutic procedures			
Caesarean section		5	0
Vacuum extractor delivery		1	0
Surgical & medical procedures SOC TOTAL		6	0

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Report Run Date: 25-Jun-2021 Earliest Reaction Date: 30-Sep-2004

Reaction Name	Total	Fatal
Vascular disorders		ratar
Arterial infections and inflammations		
Kawasaki's disease	1	C
Circulatory collapse and shock		
Shock	1	0
Haemorrhages NEC		
Haematoma	1	C
Non-site specific vascular disorders NEC		
Hyperaemia	1	0
Peripheral vascular disorders NEC		
Cyanosis	9	0
Flushing	3	C
Peripheral vasoconstriction, necrosis and vascular insufficiency		
Peripheral coldness	2	C
Poor peripheral circulation	1	0
Site specific vascular disorders NEC		
Pallor	24	0
Vascular hypertensive disorders NEC		
Hypertension	2	C
Vascular hypotensive disorders		
Hypotension	1	C
Vascular disorders SOC TOTAL	46	0
TOTAL REACTIONS FOR DRUG	2332	10
TOTAL REPORTS	1007	
TOTAL FATAL OUTCOME REPORTS		10