Name: FOI 24/176 Seqirus UK Quadrivalent Influenza Vaccine Analysis Print

Report Run Date: 26-Feb-2024

Data Lock Date: 22-Feb-2024 18:30:04

Earliest Reaction Date: 13-Oct-2021 MedDRA Version: MedDRA 26.1

FOI 24/176 Seqirus
UK Quadrivalent
Influenza Vaccine

All UK spontaneous suspected Adverse Drug Reaction
(ADR) reports associated with the Seqirus UK cellbased Quadrivalent Influenza Vaccine, up to and

Analysis Print: including 22/02/2024.

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Reaction Name	Total	Fatal
Blood disorders		
Lymphatic system disorders NEC		
Lymph node pain	1	0
Lymphadenopathy	5	0
Blood disorders SOC TOTAL	6	0

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Reaction Name	Total	Fatal
Cardiac disorders		
Cardiac signs and symptoms NEC		
Palpitations	7	7 0
Coronary artery disorders NEC		
Arteriosclerosis coronary artery	1	ı 0
Ischaemic coronary artery disorders		
Angina pectoris	1	ı 0
Myocardial infarction	1	1
Noninfectious myocarditis		
Myocarditis	1	1 0
Noninfectious pericarditis		
Pericarditis	2	0
Pericardial disorders NEC		
Pericardial effusion	1	1
Pericardial haemorrhage	1	1 0
Rate and rhythm disorders NEC		
Extrasystoles	1	1 0
Tachycardia	1	1 0
Supraventricular arrhythmias		
Atrial fibrillation	1	1 0
Ventricular arrhythmias and cardiac arrest		
Cardiac arrest	1	0
Ventricular extrasystoles	2	2 0
Cardiac disorders SOC TOTAL	21	ıl 2

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Reaction Name	Total	Fatal
Ear disorders		
Ear disorders NEC		
Ear pain	2	0
Otorrhoea	1	0
Hearing losses		
Deafness	1	0
Deafness transitory	1	0
Deafness unilateral	2	0
Hypoacusis	1	0
Inner ear signs and symptoms		
Tinnitus	3	0
Vertigo	2	0
Vertigo positional	1	0
Ear disorders SOC TOTAL	14	0

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Reaction Name	Total	Fatal
Eye disorders		
Lacrimation disorders		
Dry eye	1	0
Lacrimation increased	1	0
Lid, lash and lacrimal infections, irritations and inflammations		
Swelling of eyelid	1	0
Ocular disorders NEC		
Eye disorder	1	0
Eye pain	3	0
Eye swelling	2	0
Ocular infections, inflammations and associated manifestations		
Eye pruritus	2	0
Ocular hyperaemia	1	0
Ocular sensation disorders		
Asthenopia	1	0
Visual disorders NEC		
Diplopia	1	0
Vision blurred	1	0
Visual impairment and blindness (excl colour blindness)		
Visual impairment	1	0
Eve disorders SOC TOTAL	16	0

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Reaction Name	Total	Fatal
Gastrointestinal disorders		
Colitis (excl infective)		
Colitis ulcerative	1	0
Diarrhoea (excl infective)		
Diarrhoea	21	0
Dyspeptic signs and symptoms		
Dyspepsia	1	0
Eructation	1	0
Flatulence, bloating and distension		
Abdominal distension	1	0
Flatulence	3	0
Gastrointestinal and abdominal pains (excl oral and throat)		
Abdominal pain	1	0
Abdominal pain upper	2	0
Abdominal tenderness	1	0
Gastrointestinal atonic and hypomotility disorders NEC		
Constipation	1	0
Gastrooesophageal reflux disease	1	0
Gastrointestinal signs and symptoms NEC		
Abdominal discomfort	2	0
Anal incontinence	1	0
Dysphagia	2	0
Gastrointestinal spastic and hypermotility disorders		
Defaecation urgency	1	0
Nausea and vomiting symptoms		
Nausea	21	0
Vomiting	16	0
Vomiting projectile	1	0
Oral soft tissue signs and symptoms		
Paraesthesia oral	2	0
Peritoneal and retroperitoneal disorders Ascites	1	0
Tongue signs and symptoms		
Glossodynia	1	0
Swollen tongue	3	0
Gastrointestinal disorders SOC TOTAL	85	0

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Reaction Name	Tota	<u>ıL</u>	<u>Fatal</u>
General disorders			
Asthenic conditions			
Asthenia		9	0
Fatigue		32	0
Malaise		16	0
Body temperature altered			
Temperature regulation disorder		1	0
Death and sudden death			
Death		6	6
Sudden death		1	1
Febrile disorders			
Pyrexia		18	0
Feelings and sensations NEC			
Chills		21	0
Feeling abnormal		5	0
Feeling cold		3	0
Feeling hot		7	0
Feeling of body temperature change		2	0
Fibrosis NEC			Ŭ
Fibrosis		1	0
Gait disturbances			Ŭ
Gait disturbance		2	0
General signs and symptoms NEC			J
Condition aggravated		1	0
Influenza like illness		8	0
Peripheral swelling		10	0
Swelling		5	0
Swelling Swelling face		2	0
Inflammations			U
Inflammation		3	0
Injection site reactions		٦	U
Injection site erythema		2	0
Injection site mass		1	0
Injection site mass		5	0
Injection site pair		1	0
Injection site swelling			^
Injection site articaria			0
Mass conditions NEC		- 1	U
Nodule		2	0
Pain and discomfort NEC		-	U
		1	0
Axillary pain Chest discomfort		3	0
		5	0
Chest pain Discomfort		2	0
Pain		18	0
		18	•
Tenderness Vaccination site reactions		1	0
			0
Vaccination site bruising		1	0
Vaccination site erythema		8	0
Vaccination site hypoaesthesia		1	0
Vaccination site induration		3	0
Vaccination site irritation		1	0
Vaccination site joint movement impairmer	nt	2	0

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Reaction Name	Total	Fatal
General disorders General disorders cont'd		
Vaccination site joint pain	1	0
Vaccination site mass	1	0
Vaccination site pain	12	0
Vaccination site rash	1	0
Vaccination site reaction	1	0
Vaccination site swelling	4	0
Vaccination site vesicles	1	0
Vaccination site warmth	3	0
General disorders SOC TOTAL	235	7

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Reaction Name	Total	Fatal
Hepatic disorders		
Hepatocellular damage and hepatitis NEC		
Autoimmune hepatitis	1	1
Hepatic necrosis	1	0
Hepatitis	1	0
Hepatic disorders SOC TOTAL	3	1

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Reaction Name	Total	Fatal
Immune system disorders		
Allergic conditions NEC		
Hypersensitivity	4	0
Multiple allergies	1	0
Allergies to foods, food additives, drugs and other chemicals		
Allergy to vaccine	1	0
Autoimmune disorders NEC		
Autoimmune disorder	1	0
Immune and associated conditions NEC		
Bacille Calmette-Guerin scar reactivation	1	0
Immune system disorders SOC TOTAL	8	l o

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Reaction Name	Total	Fatal
Infections		
Bacterial infections NEC		
Cellulitis	2	0
Coronavirus infections		
COVID-19	3	0
Ear infections		
Labyrinthitis	1	0
Herpes viral infections		
Herpes zoster	1	0
Infections NEC		
Infection	2	0
Respiratory tract infection	1	0
Vaccine breakthrough infection	1	0
Influenza viral infections		
Influenza	6	0
Lower respiratory tract and lung infections		
Lower respiratory tract infection	1	0
Pneumonia	1	1
Upper respiratory tract infections		
Nasopharyngitis	4	0
Rhinitis	1	0
Infections SOC TOTAL	24	1

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Reaction Name	Total	Fatal
Injuries		
Exposures associated with pregnancy, delivery and lactation		
Exposure during pregnancy	3	0
Exposure via breast milk	1	0
Foetal exposure during pregnancy	1	0
Maternal exposure during breast feeding	2	0
Maternal exposure during pregnancy	1	0
Medication errors, product use errors and issues NEC		
Medication error	5	0
Muscle, tendon and ligament injuries		
Muscle strain	1	0
Nerve injuries NEC		
Nerve injury	1	0
Non-site specific injuries NEC		
Wound	1	0
Wound haemorrhage	1	0
Non-site specific procedural complications		
Injection related reaction	1	0
Product administration errors and issues		
Extra dose administered	2	0
Product administered to patient of inappropriate age	8	0
Product administration error	6	0
Product storage errors and issues in the product use system		
Product storage error	3	0
Skin injuries NEC		
Contusion	5	0
Skin laceration	3	0
Injuries SOC TOTAL	45	0

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Reaction Name	Total	Fatal
Investigations		
Heart rate and pulse investigations		
Heart rate increased	3	0
Physical examination procedures and organ system status		
Body temperature abnormal	1	0
Body temperature fluctuation	1	0
Body temperature increased	1	0
Skeletal and cardiac muscle analyses		
Troponin increased	1	0
Vascular tests NEC (incl blood pressure)		
Blood pressure diastolic decreased	1	0
Blood pressure increased	1	0
Blood pressure systolic decreased	1	0
Blood pressure systolic increased	1	0
Virus identification and serology		
HIV test false positive	1	0
SARS-CoV-2 test	1	0
Investigations SOC TOTAL	13	0

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Reaction Name	Total	Fatal
Metabolic disorders		
Appetite disorders		
Decreased appetite	11	0
Metabolic acidoses (excl diabetic acidoses)		
Metabolic acidosis	1	0
Metabolic disorders NEC		
Metabolic disorder	1	0
Total fluid volume decreased		
Dehydration	1	0
Metabolic disorders SOC TOTAL	14	0

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Reaction Name	<u>Total</u>	Fatal
Muscle & tissue disorders		
Bone related signs and symptoms		
Pain in jaw	1	0
Connective tissue disorders NEC		
Polymyalgia rheumatica	2	0
Sjogren's syndrome	1	0
Intervertebral disc disorders NEC		
Intervertebral disc annular tear	1	0
Intervertebral disc protrusion	1	0
Joint related signs and symptoms		
Arthralgia	12	0
Muscle infections and inflammations		
Myositis	1	0
Muscle pains		
Myalgia	22	0
Muscle related signs and symptoms NEC		
Muscle fatigue	1	0
Muscle spasms	4	0
Muscle tightness	1	0
Muscle twitching	2	0
Muscle weakness conditions		
Muscular weakness	4	0
Musculoskeletal and connective tissue conditions NEC		
Mobility decreased	1	0
Musculoskeletal stiffness	1	0
Musculoskeletal and connective tissue pain and discomfort		
Back pain	7	0
Limb discomfort	5	0
Musculoskeletal chest pain	1	0
Neck pain	2	0
Pain in extremity	27	0
Myopathies		
Necrotising myositis	1	0
Rhabdomyolysis	1	0
Osteoarthropathies		
Osteoarthritis	1	0
Spine and neck deformities		
Spinal stenosis	1	0
Spondyloarthropathies		
Arthritis reactive	1	0
Muscle & tissue disorders SOC TOTAL	102	0

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Reaction Name	Total	Fatal
Neoplasms		
Neoplasms malignant site unspecified NEC		
Neoplasm malignant	1	0
Paraneoplastic syndromes NEC		
Paraneoplastic syndrome	1	0
Neoplasms SOC TOTAL	2	0

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Earliest Reaction Date: 13-Oct-2021 MedDRA Version: MedDRA		
Reaction Name	<u>Total</u>	Fatal
Nervous system disorders		
Central nervous system haemorrhages and cerebrovascular accide	ents	
Cerebrovascular accident	1	0
Lacunar stroke	1	0
Coordination and balance disturbances		
Balance disorder	1	0
Disturbances in consciousness NEC		
Depressed level of consciousness		0
Loss of consciousness	2	2 0
Somnolence	1	
Syncope	6	
Dyskinesias and movement disorders NEC		
Bradykinesia	1 1	0
Dyskinesia	2	1
Eye movement disorders		
VIth nerve disorder	1	0
Headaches NEC		
Cluster headache	2	2 0
Headache	36	
Tension headache	1	Ő
Memory loss (excl dementia)		
Memory impairment	1	0
Transient global amnesia	1	
Mental impairment (excl dementia and memory loss)	'	"
Disturbance in attention	2	2 0
Migraine headaches	1	
Atypical migraine		
Migraine	2	2 0
Mononeuropathies		
Nerve compression	2	2 0
Narcolepsy and hypersomnia		
Hypersomnia	2	2 0
Neurological signs and symptoms NEC		
Brain fog	1	0
Dizziness	19	0
Head discomfort	1	0
Presyncope	3	0
Paraesthesias and dysaesthesias		
Burning sensation	2	
Hypoaesthesia	6	
Paraesthesia	7	0
Peripheral neuropathies NEC		
Neuropathy peripheral	1	0
Peripheral sensory neuropathy	1	0
Seizures and seizure disorders NEC		
Seizure	2	2 0
Sensory abnormalities NEC		
Ageusia	1	0
Dysgeusia	1	0
Neuralgia	4	0
Sensory disturbance	2	
Speech and language abnormalities		
Dysarthria	1	0

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Reaction Name	Total	Fatal
Nervous system disorders us system disorders cont'd		
Spinal cord and nerve root disorders NEC		
Radiculitis brachial	1	0
Transient cerebrovascular events		
Transient ischaemic attack	1	0
Tremor (excl congenital)		
Tremor	2	0
Nervous system disorders SOC TOTAL	123	0

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Reaction Name	Total	Fatal
Pregnancy conditions		
Gestational age and weight conditions		
Large for dates baby	1	0
Labour onset and length abnormalities		
Prolonged pregnancy	1	0
Maternal complications of delivery NEC		
Traumatic delivery	1	0
Maternal complications of labour NEC		
Intrapartum haemorrhage	1	0
Pregnancy conditions SOC TOTAL	4	0

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Reaction Name	Total	Fatal
Device physical property and chemical issues		
Syringe issue	4	· o
null SOC TOTAL	4	l ol

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Reaction Name	Total	Fatal
Psychiatric disorders		
Anxiety symptoms		
Nervousness	2	0
Confusion and disorientation		
Confusional state	1	0
Deliria		
Delirium	2	0
Disturbances in initiating and maintaining sleep		
Insomnia	4	0
Dyssomnias		
Poor quality sleep	2	0
Emotional and mood disturbances NEC		
Irritability	1	0
Mood alterations with depressive symptoms		
Depressed mood	1	0
Sleep disorders NEC		
Sleep disorder	3	0
Psychiatric disorders SOC TOTAL	16	l o

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Reaction Name	Total	Fatal
Renal & urinary disorders		
Bladder and urethral symptoms		
Urinary retention	2	0
Renal failure and impairment		
Acute kidney injury	1	0
Chronic kidney disease	1	0
Renal vascular and ischaemic conditions		
Renal tubular necrosis	1	0
Urinary tract signs and symptoms NEC		
Renal pain	1	0
Renal & urinary disorders SOC TOTAL	6	0

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Reaction Name	Total	Fatal
Respiratory disorders	1 3 4 5 4 1	
Breathing abnormalities		
Dyspnoea	g	e 0
Dyspnoea exertional	1	1 0
Bronchial conditions NEC		
Bronchial secretion retention	1	I 0
Bronchospasm and obstruction		
Asthma	1	I 0
Chronic obstructive pulmonary disease	1	1
Wheezing	1	I 0
Conditions associated with abnormal gas exchange		
Нурохіа	1	1 0
Coughing and associated symptoms		
Cough	8	
Productive cough	1	I 0
Parenchymal lung disorders NEC		
Atelectasis	1	I 0
Pneumothorax and pleural effusions NEC		
Pleural effusion	1	I 0
Pneumothorax	1	1 0
Pulmonary thrombotic and embolic conditions		
Pulmonary embolism	4	1 1
Respiratory failures (excl neonatal)		
Respiratory failure	1	1 0
Upper respiratory tract signs and symptoms		
Aphonia	1	1 0
Oropharyngeal pain	7	7 0
Paranasal sinus discomfort	1	· ~
Rhinalgia	1	I 0
Rhinorrhoea	6	
Sinus pain	2	1
Sneezing	1	1 0
Throat irritation	1	1 0
Upper-airway cough syndrome	1	I 0
Respiratory disorders SOC TOTAL	53	3 2

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Reaction Name	<u> Total</u>	<u>Fatal</u>
Skin disorders		
Angioedemas		
Angioedema	2	0
Apocrine and eccrine gland disorders		
Cold sweat	4	0
Hyperhidrosis	4	0
Night sweats	4	0
Dermal and epidermal conditions NEC		
Skin burning sensation	1	0
Skin lesion	1	0
Skin reaction	2	0
Skin warm	1	0
Skin weeping	1	0
Dermatitis and eczema		
Skin irritation	2	0
Erythemas		
Erythema	18	0
Nail and nail bed conditions (excl infections and infestations)		
Onychalgia	1	0
Photosensitivity and photodermatosis conditions		
Photosensitivity reaction	1	0
Pruritus NEC		
Pruritus	18	0
Rashes, eruptions and exanthems NEC		
Rash	13	0
Rash erythematous	6	0
Rash macular	3	0
Rash maculo-papular	1	0
Rash papular	3	0
Rash pruritic	3	0
Urticarias		
Urticaria	6	0
Skin disorders SOC TOTAL	95	0

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

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Reaction Name	Total	Fatal
Surgical & medical procedures		
Obstetric therapeutic procedures		
Caesarean section	1	0
Therapeutic procedures NEC		
Interchange of vaccine products	1	0
Surgical & medical procedures SOC TOTAL	2	0

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Reaction Name	Total	Fatal
Vascular disorders		
Circulatory collapse and shock		
Shock	1	0
Peripheral vascular disorders NEC		
Flushing	1	0
Hot flush	3	0
Peripheral vasoconstriction, necrosis and vascular insufficiency		
Peripheral coldness	1	0
Site specific vascular disorders NEC		
Pallor	2	0
Vascular hypertensive disorders NEC		
Hypertension	1	0
Vascular hypotensive disorders		
Orthostatic hypotension	1	0
Vascular disorders SOC TOTAL	10	0
TOTAL REACTIONS FOR DRUG	902	13
TOTAL REPORTS	299	
TOTAL FATAL OUTCOME REPORTS		13