# Case Series Drug Analysis Print Name: FOI 24/170 - AstraZeneca COVID-19 vaccine, batch PV46673, adminstered in April 2021

Report Run Date:18-Mar-2024Data Lock Date:14-Mar-2024 18:30:03Earliest Reaction Date:15-Jan-2021MedDRA Version:MedDRA 26.1

FOI 24/170 - All UK spontaneous suspected Adverse Drug Reaction AstraZeneca COVID-19 vaccine, batch PV46673, administered in April 2021, batch PV46673, up to and PV46673 administered including 14/03/2024

#### Name: FOI 24/170 - AstraZeneca COVID-19 vaccine, batch PV46673, adminstered in April 2021

Report Run Date: 18-Mar-2024 Earliest Reaction Date: 15-Jan-2021

Reaction Name	Total	Fatal
Blood disorders		
Anaemias NEC		
Anaemia	2	0
Bleeding tendencies		
Increased tendency to bruise	1	0
Lymphatic system disorders NEC		
Lymph node pain	3	0
Lymphadenitis	1	0
Lymphadenopathy	31	0
Marrow depression and hypoplastic anaemias		
Pancytopenia	1	0
Neutropenias		
Neutropenia	2	0
Thrombocytopenias		
Heparin-induced thrombocytopenia	1	0
Thrombocytopenia	13	0
Thrombosis with thrombocytopenia syndrome	2	0
Blood disorders SOC TOTAL	57	0

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Earliest Reaction Date: 15-Jan-2021	MedDRA Version: MedDRA 26.1	
Reaction Name	Total	Fatal
Cardiac disorders		
Cardiac conduction disorders		
Atrioventricular block	· · · · · · · · · · · · · · · · · · ·	1 0
Cardiac disorders NEC		
Cardiac disorder	· · · · · · · · · · · · · · · · · · ·	1 0
Cardiac signs and symptoms NEC		
Palpitations	42	2 0
Cardiomyopathies		
Cardiomyopathy	· · · · · · · · · · · · · · · · · · ·	1 0
Heart failures NEC		
Cardiac failure		2 0
Ischaemic coronary artery disorders		
Acute myocardial infarction	· · · · · · · · · · · · · · · · · · ·	1 0
Angina pectoris		6 0
Myocardial infarction		7 0
Myocardial ischaemia	· · · · · · · · · · · · · · · · · · ·	1 0
Myocardial disorders NEC		
Left ventricular dysfunction		1 0
Myocardial fibrosis		1 0
Myocardial oedema		1 0
Noninfectious myocarditis		
Myocarditis		3 0
Noninfectious pericarditis		
Pericarditis		3 0
Rate and rhythm disorders NEC		
Arrhythmia		1 0
Bradycardia		2 0
Cardiac flutter		1 0
Tachycardia	1:	3 0
Supraventricular arrhythmias		
Atrial fibrillation		6 0
Atrial flutter		
Supraventricular tachycardia		1 0
Ventricular arrhythmias and cardiac arrest		
Cardiac arrest		1 0
Cardiac disorders SOC TOTAL	97	7 0

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Reaction Name	 Total	Fatal
Ear disorders		
Ear disorders NEC		
Ear discomfort	3	0
Ear pain	16	0
Ear swelling	1	0
Hearing losses		
Deafness	7	0
Deafness neurosensory	2	0
Deafness unilateral	1	0
Hypoacusis	1	0
Sudden hearing loss	2	0
Inner ear signs and symptoms		
Motion sickness	1	0
Tinnitus	42	0
Vertigo	21	0
Vertigo positional	2	0
Ear disorders SOC TOTAL	99	0

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Earliest Reaction Date: 15-Jan-2021	MedDRA Version: MedDRA 26.1		
Reaction Name		Total	Fatal
Endocrine disorders			
Thyroid hyperfunction disorders			
Hyperthyroidism		1	0
Endocrine disorders SOC TOTAL		1	0

#### Name: FOI 24/170 - AstraZeneca COVID-19 vaccine, batch PV46673, adminstered in April 2021

Reaction Name	Total	Fatal
Eye disorders		
Amblyopic vision impairment		
Amblyopia	1	0
Choroid and vitreous structural change, deposit and degeneration		
Vitreous floaters	2	0
Conjunctival and corneal bleeding and vascular disorders		
Conjunctival haemorrhage	2	0
Eyelid movement disorders		
Blepharospasm	4	0
Iris and uveal tract infections, irritations and inflammations		
Iridocyclitis	2	0
Iritis	1	0
Lacrimation disorders		
Lacrimation increased	4	0
Lid, lash and lacrimal infections, irritations and inflammations		· · ·
Eyelid rash	2	0
Swelling of eyelid	5	0
Ocular bleeding and vascular disorders NEC	Ŭ	Ū
Eye haemorrhage	1	0
Ocular disorders NEC	1	U
Eye pain	22	0
	22	0
Eye swelling		0
Eye symptom	1	
Eyelid pain	1	0
Ocular infections, inflammations and associated manifestations		0
Eye pruritus	2	0
Ocular hyperaemia	1	C
Ocular sensation disorders		~
Asthenopia	6	0
Hypoaesthesia eye	1	0
Photophobia	8	C
Orbital structural change, deposit and degeneration		
Lid sulcus deepened	2	0
Retinal structural change, deposit and degeneration		
Retinal detachment	1	C
Visual disorders NEC		
Diplopia	3	0
Metamorphopsia	1	0
Photopsia	4	C
Vision blurred	27	C
Visual brightness	1	C
Visual impairment and blindness (excl colour blindness)		
Blindness unilateral	1	C
Visual impairment	10	0
Eye disorders SOC TOTAL	118	0

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Earliest Reaction Date: 15-Jan-2021	MedDRA Version: MedDRA 26.1	
Reaction Name	<u>Total</u>	<u>Fatal</u>
Gastrointestinal disorders		
Abdominal findings abnormal		
Abdominal mass	1	0
Gastrointestinal sounds abnormal	1	0
Acute and chronic pancreatitis		
Pancreatitis acute	1	0
Anal and rectal pains		
Proctalgia	1	0
Benign oral cavity neoplasms		Ĭ
Tongue cyst	1	0
Colitis (excl infective)		
Colitis ulcerative	1	0
Dental and periodontal infections and inflan		
Dental caries	1	0
Dental pain and sensation disorders	1	
Dental paraesthesia	1	-
Hyperaesthesia teeth Toothache		
	4	0
Diarrhoea (excl infective)		
Diarrhoea	53	8 0
Dyspeptic signs and symptoms		
Dyspepsia	12	2 0
Flatulence, bloating and distension		
Abdominal distension	7	
Flatulence	2	2 0
Gastric ulcers and perforation		-
Gastric ulcer	1	0
Gastrointestinal and abdominal pains (excl		
Abdominal pain	37	
Abdominal pain lower	1	0
Abdominal pain upper	32	
Abdominal rigidity	1	-
Gastrointestinal pain	3	0
Gastrointestinal atonic and hypomotility disc		
Constipation	5	0
Gastric dilatation	1	0
Gastrooesophageal reflux disease	2	2 0
Gastrointestinal disorders NEC		
Gastrointestinal disorder	1	0
Gastrointestinal dyskinetic disorders		
Gastrointestinal motility disorder	1	0
Gastrointestinal signs and symptoms NEC		
Abdominal discomfort	16	0
Anal incontinence	2	2 0
Odynophagia	1	0
Gastrointestinal spastic and hypermotility d	isorders	
Frequent bowel movements	1	0
Irritable bowel syndrome	1	0
Gastrointestinal vascular occlusion and infa	rction	
Mesenteric artery thrombosis	1	0
Gingival disorders, signs and symptoms NE		
Gingival discomfort	1	0
Gingival disconnon		

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Earliest Reaction Date: 15-Jan-2021 MedDRA Version: MedDRA 26.1		
Reaction Name	Total	Fatal
Gastrointestinal disorders cont'd		
Gingival swelling	2	0
Noninfective gingivitis	1	0
Gingival haemorrhages		
Gingival bleeding	1	0
Intestinal haemorrhages		
Rectal haemorrhage	1	0
Small intestinal haemorrhage	1	0
Nausea and vomiting symptoms		
Nausea	227	0
Retching	2	0
Vomiting	73	0
Vomiting projectile	1	0
Non-site specific gastrointestinal haemorrhages		
Haematochezia	1	0
Oral dryness and saliva altered		
Dry mouth	5	0
Lip dry	1	0
Salivary hypersecretion	2	0
Oral soft tissue disorders NEC		
Oral lichen planus	1	0
Oral soft tissue signs and symptoms		
Hypoaesthesia oral	3	0
Oral pain	3	0
Paraesthesia oral	6	0
Oral soft tissue swelling and oedema		
Lip swelling	4	0
Mouth swelling	1	0
Palatal swelling	1	0
Stomatitis and ulceration		
Mouth ulceration	8	0
Stomatitis	2	0
Tongue disorders		
Tongue haemorrhage	1	0
Tongue signs and symptoms		
Glossodynia	2	0
Swollen tongue	2	0
Tongue discomfort	1	0
Tooth missing		
Tooth loss	1	0
Gastrointestinal disorders SOC TOTAL	553	0

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Earliest Reaction Date: 15-Jan-2021	MedDRA Version: MedDRA 26.1		
Reaction Name		<u>Total</u>	Fatal
General disorders			
Administration site reactions NEC			
Administration site urticaria		1	0
Application and instillation site reactions			
Application site erythema		1	0
Asthenic conditions			
Asthenia		35	0
Chronic fatigue syndrome		1	0
Fatigue		356	0
Malaise		88	0
Body temperature altered			
Hypothermia		1	0
Febrile disorders			
Pyrexia		343	0
Feelings and sensations NEC			
Chills		259	0
Feeling abnormal		21	0
Feeling cold		35	0
Feeling hot		18	0
Feeling jittery		1	0
Feeling of body temperature change		5	0
Hunger		1	0
Thirst		8	0
Gait disturbances		Ű	Ŭ
Gait disturbance		1	0
Gait inability		1	0
General signs and symptoms NEC			Ŭ
Condition aggravated		2	0
Crying		5	0
Illness		19	0
Influenza like illness		54	0
Peripheral swelling		51	0
Swelling		34	0
Swelling face		2	0
Inflammations		-	Ŭ
Granuloma		1	0
Inflammation		5	0
Infusion site reactions		Ŭ	0
Infusion site pain		1	0
Injection site reactions			0
Injection site atrophy		1	0
Injection site bruising		1	0
Injection site erythema		3	0
Injection site mass		8	0
Injection site pain		34	0
Injection site reaction		1	-
Injection site swelling		2	0
		_	-
Injection site warmth		3	0
Mass conditions NEC			~
Mass		1	0
Oedema NEC			-
Oedema		2	0
Oedema peripheral		2	0

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Reaction Name	Total	Fatal
General disorders General disorders cont'd		
Pain and discomfort NEC		
Axillary pain	8	C
Chest discomfort	17	C
Chest pain	45	C
Discomfort	8	C
Facial pain	1	C
Inflammatory pain	1	C
Non-cardiac chest pain	2	C
Pain	145	C
Tenderness	8	C
Therapeutic and nontherapeutic responses		
Adverse drug reaction	2	C
Drug ineffective	4	C
Therapeutic response unexpected	1	C
Vaccination failure	2	C
Vaccination site reactions		
Shoulder injury related to vaccine administration	2	C
Vaccination site bruising	1	C
Vaccination site discomfort	1	C
Vaccination site erythema	7	C
Vaccination site induration	1	C
Vaccination site mass	4	C
Vaccination site movement impairment	2	C
Vaccination site pain	12	C
Vaccination site pruritus	2	C
Vaccination site swelling	1	C
Vaccination site warmth	1	C
Withdrawal and rebound effects		
Withdrawal syndrome	1	C
General disorders SOC TOTAL	1687	C

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Data Lock Date: 14-Mar-2024 18:30:03 Report Run Date: 18-Mar-2024 MedDRA Version: MedDRA 26.1 Earliest Reaction Date: 15-Jan-2021 **Total** Fatal Reaction Name Hepatic disorders Hepatic vascular disorders Hepatic vein thrombosis 0 1 Hepatobiliary signs and symptoms 0 Hepatomegaly 1

Hepatic disorders SOC TOTAL

2

0

#### Name: FOI 24/170 - AstraZeneca COVID-19 vaccine, batch PV46673, adminstered in April 2021

Earliest Reaction Date: 15-Jan-2021 MedDRA Version: MedDRA 26.1		
Reaction Name	Total	Fatal
Immune system disorders		
Acute and chronic sarcoidosis		
Sarcoidosis	1	0
Allergic conditions NEC		
Hypersensitivity	10	0
Allergies to foods, food additives, drugs and other chemicals		
Allergy to vaccine	1	0
Reaction to preservatives	1	0
Anaphylactic and anaphylactoid responses		
Anaphylactic reaction	5	0
Anaphylactic shock	1	0
Atopic disorders		
Seasonal allergy	2	0
Autoimmune disorders NEC		
Autoimmune disorder	1	0
Immune and associated conditions NEC		
Bacille Calmette-Guerin scar reactivation	1	0
Immune system disorder	2	0
Immune-mediated adverse reaction	1	0
Immunodeficiency disorders NEC		
Immunodeficiency	1	0
Immunosuppression	1	0
Immune system disorders SOC TOTAL	28	0

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Earliest Reaction Date: 15-Jan-2021 Reaction Name	MedDRA Version: MedDRA 26.1	Total	Fatal
Infections			
Abdominal and gastrointestinal infections			
Diverticulitis		1	0
Gastroenteritis		2	0
Bacterial infections NEC			
Bacterial infection		1	0
Cellulitis		3	0
Campylobacter infections			
Campylobacter colitis		1	0
Central nervous system and spinal infections			
Myelitis		1	0
Coronavirus infections			
COVID-19		21	0
COVID-19 pneumonia		1	0
Post-acute COVID-19 syndrome		1	0
Dental and oral soft tissue infections			
Gingivitis		2	0
Ear infections			
Labyrinthitis		2	0
Eye and eyelid infections		_	
Hordeolum		1	0
Herpes viral infections			Ū
Herpes ophthalmic		1	0
Herpes zoster		16	0
Nasal herpes		1	0
Ophthalmic herpes zoster		1	0
Oral herpes		6	0
Varicella		2	0
Infections NEC		2	Ū
Infection		2	0
Influenza viral infections		2	U
Influenza		41	0
Lower respiratory tract and lung infections		1	Ū
Lower respiratory tract infection		5	0
Pneumonia		2	0
Rubeola viral infections		2	0
Measles		1	0
Sepsis, bacteraemia, viraemia and fungaemi	a NEC	1	0
Sepsis	anec	2	0
Staphylococcal infections		2	0
Furuncle		1	0
Tinea infections		1	0
Body tinea		1	0
Upper respiratory tract infections		1	0
		1	0
Laryngitis		10	0
Nasopharyngitis		18	0
Sinusitis		4	0
Urinary tract infections			~
Urinary tract infection		1	0
Viral infections NEC			-
Gastroenteritis viral		1	0
Meningitis viral		1	0
Sweating fever		6	0

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Report Run Date: 18-Mar-2024DateEarliest Reaction Date: 15-Jan-2021Me

Reaction Name	Total	Fatal
Infections Infections cont'd		
Viral labyrinthitis	1	0
Viral pericarditis	1	0
Viral pharyngitis	1	0
Viral rash	1	0
Infections SOC TOTAL	155	0

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Data Lock Dat

Report Run Date: 18-Mar-2024	
Earliest Reaction Date: 15-Jan-2021	

Reaction Name	Total	Fatal
Injuries		
Abdominal and gastrointestinal injuries NEC		
Oral contusion	1	(
Cardiac and vascular procedural complications		
Deep vein thrombosis postoperative	1	(
Cerebral injuries NEC		
Subdural haematoma	1	
Conditions caused by cold		
Chillblains	1	(
Exposures associated with pregnancy, delivery and lactation		
Exposure via breast milk	1	(
Foetal exposure during pregnancy	1	(
Maternal exposure before pregnancy	1	(
Maternal exposure during breast feeding	6	(
Maternal exposure during pregnancy	5	(
Medication errors, product use errors and issues NEC		
Medication error	2	(
Muscle, tendon and ligament injuries		
Epicondylitis	2	(
Muscle injury	1	(
Nerve injuries NEC		
Nerve injury	1	(
Non-site specific injuries NEC		
Arthropod sting	1	(
Electric shock	1	(
Fall	2	(
Wound haemorrhage	1	(
Non-site specific procedural complications		
Infusion related reaction	1	(
Injection related reaction	2	(
Off label uses		
Off label use	3	(
Product administration errors and issues		
Incorrect dose administered	1	(
Radiation injuries		
Sunburn	1	
Renal and urinary tract injuries NEC		
Kidney rupture	1	
Site specific injuries NEC		
Limb injury	4	
Skin injuries NEC		
Contusion	25	
Skin injury	1	
Vaccination related complications		
Immunisation reaction	2	
Injuries SOC TOTAL	70	

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Earliest Rea	action Date:	15-Jan-2021	MedDRA Version:

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Reaction Name	Total	Fatal
Investigations		
Blood counts NEC		
Full blood count	1	0
Bone marrow and immune tissue histopatholo	ogy procedures	
Biopsy lymph gland	1	0
Cardiac auscultatory investigations		
Cardiac murmur	1	0
Cell marker analyses		
Prostatic specific antigen increased	1	0
Coagulation and bleeding analyses		
Blood fibrinogen decreased	1	0
Coagulation time shortened	1	0
Fibrin D dimer increased	2	0
International normalised ratio abnormal	1	0
ECG investigations		
Electrocardiogram abnormal	2	0
Endocrine analyses and imaging NEC		
Hormone level abnormal	2	0
Faecal analyses NEC		
Faecal calprotectin increased	1	0
Heart rate and pulse investigations		
Heart rate	10	0
Heart rate abnormal	1	0
Heart rate increased	24	0
Heart rate irregular	2	0
Pulse pressure increased	1	0
Hepatobiliary function diagnostic procedures		
Alanine aminotransferase increased	2	0
Liver function test	1	0
Investigations NEC		
Blood test	1	0
Physical examination procedures and organ s	system status	
Body temperature	4	0
Body temperature decreased	1	0
Body temperature fluctuation	2	0
Body temperature increased	5	0
General physical condition abnormal	1	0
Skin temperature	1	0
Weight decreased	1	0
Platelet analyses		
Platelet count decreased	2	0
Respiratory and pulmonary function diagnosti	c procedures	
Total lung capacity decreased	.   1	0
Urinalysis NEC		
Blood urine	2	0
Blood urine present	2	0
Urinary tract function analyses NEC		
Urine output	1	0
Vascular tests NEC (incl blood pressure)		
Blood pressure abnormal	1	0
Blood pressure decreased	1	0
Blood pressure increased	1	0
Blood pressure measurement	1	0

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Reaction Name	Total	Fatal
Investigations Investigations cont'd		
Virus identification and serology		
Coronavirus test	3	0
White blood cell analyses		
CD4 lymphocytes decreased	1	0
Eosinophil count increased	2	0
White blood cell count decreased	1	0
Investigations SOC TOTAL	90	0

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Report Run Date: 18-Mar-2024Date:Earliest Reaction Date: 15-Jan-2021Methods

Reaction Name	Total	Fatal
Metabolic disorders		
Appetite disorders		
Decreased appetite	44	4 0
Food refusal		2 0
Hypophagia	· · · · · · · · · · · · · · · · · · ·	1 0
Increased appetite	· · · · · · · · · · · · · · · · · · ·	1 0
Diabetic complications NEC		
Diabetic ketoacidosis		1 0
Disorders of purine metabolism		
Gout		2 0
General nutritional disorders NEC		
Abnormal weight gain		1 0
Feeding disorder		2 0
Poor feeding infant		1 0
Weight loss poor	· · · · · · · · · · · · · · · · · · ·	1 0
Hyperglycaemic conditions NEC		
Glucose tolerance impaired		1 0
Hyperglycaemia		1 0
Hyperlipidaemias NEC		
Hyperlipidaemia	· · · · · · · · · · · · · · · · · · ·	1 0
Iron deficiencies		
Iron deficiency	· · · · · · · · · · · · · · · · · · ·	1 0
Metabolic disorders NEC		
Hypometabolism	· · · · · · · · · · · · · · · · · · ·	1 0
Potassium imbalance		
Hyperkalaemia		1 0
Total fluid volume decreased		
Dehydration		6 0
Water soluble vitamin deficiencies		
Folate deficiency		1 0
Vitamin B12 deficiency		1 0
Metabolic disorders SOC TOTAL	7	<u>o lc</u>

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Reaction Name	Total	Fatal
Muscle & tissue disorders		
Arthropathies NEC		
Arthritis	7	0
Arthropathy	1	0
Haemarthrosis	1	0
Sympathetic posterior cervical syndrome	1	0
Bone disorders NEC		
Bone disorder	1	0
Osteitis	1	0
Osteonecrosis of jaw	1	0
Spinal disorder	1	0
Bone related signs and symptoms		Ĵ
Bone pain	10	0
Pain in jaw	10	0
Spinal pain	2	0
Bursal disorders	2	
Bursitis	3	0
Connective tissue disorders NEC		
Polymyalgia rheumatica	2	0
Scleroderma	2	
Joint related disorders NEC	1	
Joint lock		
Periarthritis	6	0
Temporomandibular joint syndrome	1	0
Joint related signs and symptoms		
Arthralgia	164	
Joint effusion	1	0
Joint stiffness	2	0
Joint swelling	12	0
Muscle pains		
Fibromyalgia	2	0
Myalgia	161	0
Muscle related signs and symptoms NEC		
Muscle fatigue	8	0
Muscle spasms	29	0
Muscle swelling	1	0
Muscle twitching	3	0
Muscle weakness conditions		
Muscular weakness	16	0
Musculoskeletal and connective tissue conditions NEC		
Mobility decreased	2	0
Musculoskeletal stiffness	25	0
Weight bearing difficulty	1	0
Musculoskeletal and connective tissue pain and discomfort		
Back pain	26	0
Limb discomfort	20	
Musculoskeletal chest pain	4	
Musculoskeletal pain	2	
Neck pain	21	
	171	
Pain in extremity	171	C
Osteoarthropathies		
Osteoarthritis	1	C
Rheumatoid arthropathies		

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Lamest Reaction Date. 15-5an-2021	MEUDRA VEISION. MEUDRA 20.1		
Reaction Name		Total	Fatal
Muscle & tissue disordersle & tissue disorders of	ont'd		
Rheumatoid arthritis		2	0
Soft tissue disorders NEC			
Axillary mass		1	0
Groin pain		2	0
Spondyloarthropathies			
Arthritis reactive		2	0
Synovial disorders			
Synovitis		1	0
Tendon disorders			
Enthesopathy		1	0
Tendonitis		2	0
Muscle & tissue disorders SOC TOTAL		727	0

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Data Lock Date

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Reaction Name	Total	Fatal
Neoplasms		
Breast and nipple neoplasms malignant		
Breast cancer	2	0
Mediastinal neoplasms malignancy unspecified NEC		
Good syndrome	1	0
Neoplasms malignant site unspecified NEC		
Squamous cell carcinoma	1	0
Nervous system neoplasms unspecified malignancy NEC		
Meningioma	1	0
Ovarian neoplasms malignant (excl germ cell)		
Ovarian cancer	1	0
Prostatic neoplasms malignant		
Prostate cancer	1	0
Reproductive neoplasms female benign NEC		
Benign hydatidiform mole	1	0
Respiratory tract small cell carcinomas		
Small cell lung cancer	1	0
Uterine neoplasms benign		
Uterine leiomyoma	1	0
Neoplasms SOC TOTAL	10	0

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Earliest Reaction Date: 15-Jan-2021	MedDRA Version: MedDRA 26.1		
Reaction Name	T	<u>otal</u>	Fatal
Nervous system disorders			
Acute polyneuropathies			
Guillain-Barre syndrome		5	0
Autonomic nervous system disorders			
Autonomic nervous system imbalance		1	0
Central nervous system aneurysms and c	lissections		
Carotid artery aneurysm		1	0
Central nervous system haemorrhages a	nd cerebrovascular accidents		
Cerebral haemorrhage		1	0
Cerebral thrombosis		1	0
Cerebrovascular accident		5	0
Haemorrhagic stroke		1	0
Ischaemic stroke		1	0
Subarachnoid haemorrhage		2	0
Cerebrovascular venous and sinus throm	bosis	_	
Cerebral venous sinus thrombosis		3	0
Coordination and balance disturbances		Ű	Ű
Balance disorder		7	0
Dysstasia		1	0
Cortical dysfunction NEC			0
Alexia		1	0
Apraxia		1	0
Disturbances in consciousness NEC		'	0
Depressed level of consciousness		1	0
Lethargy		31	0
Loss of consciousness		8	0
Somnolence		20	0
		20	
Stupor		19	0 0
Syncope		19	0
Dyskinesias and movement disorders NE		1	0
Bradykinesia		1	0
Dyskinesia		2 1	0
Hyperkinesia			0
Hypokinesia		3	0
Motor dysfunction		1	0
Facial cranial nerve disorders			0
Bell's palsy		2	0
Facial paralysis		1	0
Facial paresis		1	0
Generalised tonic-clonic seizures			
Generalised tonic-clonic seizure		1	0
Headaches NEC			
Cluster headache		5	0
Cold-stimulus headache		1	0
Exertional headache		1	0
Headache		535	0
Occipital neuralgia		2	0
Primary stabbing headache		1	0
Sinus headache		4	0
Tension headache		12	0
Vascular headache		1	0
Increased intracranial pressure disorders			
Brain compression		1	0

# Case Series Drug Analysis Print Name: FOI 24/170 - AstraZeneca COVID-19 vaccine, batch PV46673, adminstered in April 2021

Earliest Reaction Date: 15-Jan-2021	MedDRA Version: MedDRA 26.1		
Reaction Name	Tota	۱L_	Fatal
Nervous system disordersus system disorders of			
Lumbar spinal cord and nerve root disorder	s		
Sciatica		1	0
Memory loss (excl dementia)			
Amnesia		8	0
Memory impairment		4	0
Mental impairment (excl dementia and men	nory loss)		
Cognitive disorder		1	0
Disturbance in attention		3	0
Migraine headaches			
Migraine		49	0
Migraine with aura		2	0
Typical aura without headache		1	0
Vestibular migraine		2	0
Narcolepsy and hypersomnia			Ĩ
Hypersomnia		1	0
Nervous system cysts and polyps			Ū
Arachnoid cyst		1	0
Nervous system disorders NEC			Ū
Nervous system disorder		1	0
Neurologic visual problems NEC			Ũ
Tunnel vision		2	0
Neurological signs and symptoms NEC		_	Ũ
Brain fog		8	0
Dizziness	1	67	0
Dizziness postural		11	0
Head discomfort		12	0
Neurological symptom		2	0
Presyncope		6	0
Neuromuscular disorders NEC		Ŭ	Ū
Muscle contractions involuntary		1	0
Olfactory nerve disorders			Ū
Anosmia		2	0
Parosmia		3	0
Optic nerve disorders NEC		Ŭ	Ū
Optic neuritis		2	0
Paraesthesias and dysaesthesias		-	Ū
Burning sensation		6	0
Hyperaesthesia		2	0
Hypoaesthesia		49	0
Paraesthesia		72	0
Paralysis and paresis (excl cranial nerve)		' -	0
Hemiparesis		2	0
Hemiplegia		1	0
Monoparesis		1	0
Monoplegia		1	0
Paralysis		2	0
Parkinson's disease and parkinsonism		-	U
		1	0
Freezing phenomenon Parkinson's disease			0
		1	C
Peripheral neuropathies NEC			~
Neuropathy peripheral		4	C
Seizures and seizure disorders NEC			

#### Name: FOI 24/170 - AstraZeneca COVID-19 vaccine, batch PV46673, adminstered in April 2021

Report Run Date: 18-Mar-2024DataEarliest Reaction Date: 15-Jan-2021Med

Reaction Name	Total	Fatal
Nervous system disorders us system disorders cont'd		
Epilepsy	3	0
Seizure	13	0
Status epilepticus	1	0
Tonic convulsion	1	0
Sensory abnormalities NEC		
Ageusia	4	0
Aura	1	0
Dysgeusia	16	0
Electric shock sensation	2	0
Neuralgia	11	0
Restless legs syndrome	1	0
Sensory disturbance	1	0
Sensory loss	4	0
Taste disorder	3	0
Sleep disturbances NEC		
Sleep deficit	1	0
Speech and language abnormalities		
Dysarthria	3	0
Incoherent	2	0
Transient cerebrovascular events		
Transient ischaemic attack	6	0
Tremor (excl congenital)		
Essential tremor	2	0
Tremor	59	0
Trigeminal disorders		
Trigeminal neuralgia	2	0
Nervous system disorders SOC TOTAL	1255	0

# Case Series Drug Analysis Print Name: FOI 24/170 - AstraZeneca COVID-19 vaccine, batch PV46673, adminstered in April 2021

Report Run Date: 18-Mar-2024	Data Lock Date: 14-Mar-2024 18:30	0:03	
Earliest Reaction Date: 15-Jan-2021	MedDRA Version: MedDRA 26.1		
Reaction Name		Total	Fatal
Pregnancy conditions			
Abortions spontaneous			
Abortion spontaneous		3	0
Pregnancy conditions SOC TOTAL		3	0

#### Name: FOI 24/170 - AstraZeneca COVID-19 vaccine, batch PV46673, adminstered in April 2021

Report Run Date: 18-Mar-2024 Earliest Reaction Date: 15-Jan-2021

	sion: MedDRA 26.1	Eatal
Reaction Name	Total	Fatal
Psychiatric disorders		
Anxiety symptoms		-
Anxiety	19	
Nervousness	7	C
Stress	1	C
Behaviour and socialisation disturbances		
Aggression	1	C
Cognitive and attention disorders and disturbances NEC		
Mental fatigue	5	
Confusion and disorientation		
Confusional state	20	c d
Disorientation	2	
Deliria	2	
Delirium	4	C
Depressive disorders	+	
Depression	10	
	10	C
Disturbances in initiating and maintaining sleep	05	
Insomnia	25	
Middle insomnia	1	C
Dyssomnias		-
Poor quality sleep	7	C
Emotional and mood disturbances NEC		
Emotional disorder	2	C
Euphoric mood	1	C
Irritability	1	C
Mood altered	1	C
Fear symptoms and phobic disorders (incl social phobia)		
Fear	1	
Fear of death	1	C C
Fluctuating mood symptoms		
Mood swings	1	C
Hallucinations (excl sleep-related)		
Hallucination	6	C
Hallucination, auditory	2	
Hallucination, visual	2	
	2	
Increased physical activity levels	3	c
Restlessness	3	
Mental disorders NEC		
Mental disorder	1	C
Mood alterations with depressive symptoms		
Depressed mood	8	C
Tearfulness	1	C
Mood disorders NEC		
Apathy	1	C
Laziness	1	C
Listless	1	C
Panic attacks and disorders		
Panic attack	2	C
Parasomnias		
Abnormal dreams	3	( )
Nightmare	4	
Sleep terror	2	
Psychotic disorder NEC	2	

Case Series Drug Analysis Print Name: FOI 24/170 - AstraZeneca COVID-19 vaccine, batch

# PV46673, adminstered in April 2021

Reaction Name	Total	Fatal
Psychiatric disordersPsychiatric disorders cont'd		
Psychotic disorder		1 0
Sleep disorders NEC		
Sleep disorder		5 0
Stress disorders		
Post-traumatic stress disorder		1 0
Thinking disturbances		
Bradyphrenia		2 0
Thinking abnormal		2 0
Psychiatric disorders SOC TOTAL	15	<u>8 0</u>

#### Name: FOI 24/170 - AstraZeneca COVID-19 vaccine, batch PV46673, adminstered in April 2021

Report Run Date: 18-Mar-2024 Data Lock Date: 14-Mar-2024 18:30:03

MedDRA Version: MedDRA 26.1 Earliest Reaction Date: 15-Jan-2021 **Total** Fatal Reaction Name Renal & urinary disorders Bladder and urethral symptoms Incontinence 0 1 0 Micturition urgency 1 Pollakiuria 2 0 Glomerulonephritis and nephrotic syndrome Nephrotic syndrome 0 1 Renal disorders NEC 0 Renal disorder Renal failure and impairment Acute kidney injury 0 1 0 Renal failure 1 Renal impairment 0 1 Urinary abnormalities 0 Chromaturia 1 Proteinuria 1 0 Urinary tract signs and symptoms NEC 0 Renal pain 6 0 Renal & urinary disorders SOC TOTAL 17

#### Name: FOI 24/170 - AstraZeneca COVID-19 vaccine, batch PV46673. adminstered in April 2021

PV46673, adminstered in April 2021		
Report Run Date: 18-Mar-2024 Data Lock Date: 14-Mar-2024 18:3	0:03	
Earliest Reaction Date: 15-Jan-2021 MedDRA Version: MedDRA 26.1		
Reaction Name	Total	Fatal
Reproductive & breast disorders		
Breast signs and symptoms	-	0
Breast pain	7	0
Erection and ejaculation conditions and disorders	4	0
Erectile dysfunction	1	0
Menopausal effects on the genitourinary tract		0
Postmenopausal haemorrhage	2	0
Menstruation and uterine bleeding NEC	15	0
Dysmenorrhoea	15	0
Intermenstrual bleeding Menstrual disorder	4	0
	20	0
Menstruation irregular Ovulation pain	20	0 0
Premenstrual pain	3	0
Premenstrual syndrome	1	0 0
Withdrawal bleed	1	0
Menstruation with decreased bleeding	1	0
Amenorrhoea	4	0
Hypomenorrhoea	4	0
Menstruation delayed	31	0
Oligomenorrhoea	31	0
Menstruation with increased bleeding	5	0
Heavy menstrual bleeding	51	0
Polymenorrhoea	10	0
Penile disorders NEC (excl erection and ejaculation)	10	U
Penile blister	1	0
Penile size reduced	1	0
Penis disorder	1	0
Scrotal disorders NEC		Ū
Scrotal pain	1	0
Sexual function and fertility disorders NEC		
Dyspareunia	1	0
Testicular and epididymal disorders NEC		
Testicular disorder	1	0
Testicular oedema	1	0
Testicular pain	2	0
Uterine disorders NEC		
Endometriosis	1	0
Vulvovaginal disorders NEC		
Vaginal haemorrhage	20	0
Vulvovaginal signs and symptoms		
Vaginal discharge	1	0
Reproductive & breast disorders SOC TOTAL	206	0

#### Name: FOI 24/170 - AstraZeneca COVID-19 vaccine, batch PV46673, adminstered in April 2021

Report Run Date: 18-Mar-2024 Earliest Reaction Date: 15-Jan-2021

Reaction Name	Total	Fatal
Respiratory disorders		
Breathing abnormalities		
Dyspnoea	64	C
Hypopnoea	1	C
Respiration abnormal	1	C
Tachypnoea	1	C
Bronchospasm and obstruction		
Asthma	8	C
Wheezing	3	C
Coughing and associated symptoms		
Cough	23	C
Haemoptysis	20	C
Productive cough	2	C
Lower respiratory tract inflammatory and immunologic conditions	2	L L
Pneumonitis	1	C
		L L
Lower respiratory tract signs and symptoms	1	C
Hiccups Blouritie poin	1	
Pleuritic pain Pulmonary pain		C
	1	Ľ
Nasal congestion and inflammations	1	C
Nasal congestion	4	C
Rhinitis allergic	1	C
Nasal disorders NEC	04	_
Epistaxis	31	C
Nasal dryness	1	C
Paranasal sinus disorders (excl infections and neoplasms)		
Sinus congestion	2	C
Pharyngeal disorders (excl infections and neoplasms)		
Pharyngeal swelling	3	C
Pleural infections and inflammations		~
Pleurisy	1	C
Pulmonary thrombotic and embolic conditions		
Pulmonary embolism	8	1
Pulmonary thrombosis	1	C
Respiratory signs and symptoms NEC		_
Respiratory symptom	1	C
Respiratory tract disorders NEC		_
Respiratory disorder	1	C
Upper respiratory tract signs and symptoms		_
Catarrh	3	C
Choking	1	C
Dry throat	3	C
Oropharyngeal blistering	1	C
Oropharyngeal pain	25	C
Paranasal sinus discomfort	1	C
Rhinorrhoea	10	C
Sinus pain	5	C
Sneezing	1	C
Throat tightness	4	C
Upper-airway cough syndrome	1	C
Respiratory disorders SOC TOTAL	220	1

#### Name: FOI 24/170 - AstraZeneca COVID-19 vaccine, batch PV46673, adminstered in April 2021

Report Run Date: 18-Mar-2024 Earliest Reaction Date: 15-Jan-2021

Reaction Name	Total	<u>Fatal</u>
Skin disorders		
Acnes		
Acne	2	2 (
Alopecias		
Alopecia	4	. (
Madarosis	1	(
Angioedemas		
Angioedema	3	3 (
Apocrine and eccrine gland disorders		
Cold sweat	16	s (
Hyperhidrosis	57	' (
Miliaria	1	
Night sweats	15	5
Bullous conditions		
Blister	3	3 (
Blister rupture	1	(
Blood blister	2	
Dermal and epidermal conditions NEC		
Dry skin	3	3
Pain of skin	8	
Sensitive skin	8	
Skin burning sensation	4	
Skin discolouration	2	
Skin induration	1	
Skin lesion	1	
Skin reaction	2	
Skin sensitisation	1	
Skin warm	1	ł
Skin weeping	1	
Sticky skin	2	
Dermatitis and eczema	2	'
Dermatitis	1	
	2	
Dermatitis allergic Eczema	1	
Skin irritation	1	
Erythemas		
Erythema	22	2
Exfoliative conditions		
Skin exfoliation	2	
Granulomatous and deep cutaneous inflammatory of		
Granuloma annulare	1	
Papulosquamous conditions		
Lichen planus	1	
Parapsoriasis	1	
Pruritus NEC		
Pruritus	76	5
Psoriatic conditions		
Psoriasis	2	2
Purpura and related conditions		
Petechiae	6	5
Purpura	1	
Rashes, eruptions and exanthems NEC		
Rash	86	5

#### Name: FOI 24/170 - AstraZeneca COVID-19 vaccine, batch PV46673, adminstered in April 2021

Report Run Date: 18-Mar-2024 Earliest Reaction Date: 15-Jan-2021

Reaction Name	<u> </u>	Fatal
Skin disorders Skin disorders cont'd		
Rash erythematous	16	0
Rash macular	6	0
Rash maculo-papular	1	0
Rash morbilliform	3	0
Rash papular	4	0
Rash pruritic	28	0
Rash vesicular	1	0
Skin and subcutaneous tissue ulcerations		
Skin erosion	1	0
Skin ulcer	1	0
Urticarias		
Cold urticaria	1	0
Urticaria	30	0
Urticaria chronic	1	0
Skin disorders SOC TOTAL	438	0

#### Name: FOI 24/170 - AstraZeneca COVID-19 vaccine, batch PV46673, adminstered in April 2021

Eanlest Reaction Date: 15-Jan-2021	NIEDRA VEISION. NIEDDRA 26.1		
Reaction Name	<u> </u>	otal	Fatal
Surgical & medical procedures			
Dental and gingival therapeutic procedures			
Tooth extraction		1	0
Tooth restoration		1	0
Dietary and nutritional therapies			
Medical diet		1	0
Immunisations			
COVID-19 immunisation		1	0
Immunisation		1	0
Limb therapeutic procedures			
Limb operation		1	0
Therapeutic procedures NEC			
Interchange of vaccine products		4	0
Surgical & medical procedures SOC TOTAL		10	0

#### Name: FOI 24/170 - AstraZeneca COVID-19 vaccine, batch PV46673, adminstered in April 2021

Earliest Reaction Date: 15-Jan-2021	MedDRA Version: MedDRA 26.1	
Reaction Name	Total	Fatal
Vascular disorders		
Accelerated and malignant hypertension		
Malignant hypertension		1 0
Arterial infections and inflammations		
Arteritis		1 0
Giant cell arteritis		1 0
Circulatory collapse and shock		
Circulatory collapse		1 0
Haemorrhages NEC		
Haematoma		1 0
Haemorrhage	18	з о
Lymphoedemas		
Lymphoedema		1 0
Non-site specific embolism and thrombosis		
Embolism		2 0
Thrombosis	2	1 0
Venous thrombosis		1 0
Non-site specific vascular disorders NEC		
Vasodilatation		1 0
Vein rupture		1 0
Peripheral embolism and thrombosis		
Blue toe syndrome		1 0
Deep vein thrombosis	10	o lo
Peripheral vascular disorders NEC		
Cyanosis		1 0
Flushing		2 0
Hot flush	14	4 0
Peripheral vasoconstriction, necrosis and va	scular insufficiency	
Peripheral coldness	14	4 0
Poor peripheral circulation		2 0
Raynaud's phenomenon		4 0
Phlebitis NEC		
Phlebitis		1 0
Site specific vascular disorders NEC		
Pallor		3 0
Varicose veins NEC		
Varicose vein		3 0
Vascular hypertensive disorders NEC		
Hypertension	1:	2 0
Vascular hypotensive disorders		
Capillary leak syndrome		1 0
Hypotension		3 0
Vascular disorders SOC TOTAL	12	1 0
TOTAL REACTIONS FOR DRUG	6192	
TOTAL REPORTS	166	a
TOTAL FATAL OUTCOME REPORTS	100	2