

COVID-19 mRNA Pfizer- BioNTech vaccine analysis print

All UK spontaneous reports received between 9/12/20 and 27/10/21 for mRNA Pfizer/BioNTech vaccine analysis print.

A report of a suspected ADR to the Yellow Card scheme does not necessarily mean that it was caused by the vaccine, only that the reporter has a suspicion it may have. Underlying or previously undiagnosed illness unrelated to vaccination can also be factors in such reports. The relative number and nature of reports should therefore not be used to compare the safety of the different vaccines. All reports are kept under continual review in order to identify possible new risks.

Case Series Drug Analysis Print

Name: COVID-19 mRNA Pfizer- BioNTech vaccine analysis print

Reaction Name	Total	Fatal
Blood disorders		
<i>Anaemia deficiencies</i>		
Anaemia folate deficiency	1	0
Anaemia vitamin B12 deficiency	3	0
Deficiency anaemia	1	0
Iron deficiency anaemia	8	0
<i>Anaemias NEC</i>		
Anaemia	108	0
Anaemia macrocytic	2	0
Anaemia megaloblastic	1	0
Autoimmune anaemia	3	0
Blood loss anaemia	1	0
Microcytic anaemia	1	0
<i>Anaemias haemolytic NEC</i>		
Coombs negative haemolytic anaemia	1	0
Haemolytic anaemia	6	0
<i>Anaemias haemolytic immune</i>		
Autoimmune haemolytic anaemia	14	0
Evans syndrome	1	0
Warm type haemolytic anaemia	1	0
<i>Anaemias haemolytic mechanical factor</i>		
Microangiopathic haemolytic anaemia	1	0
<i>Bleeding tendencies</i>		
Haemorrhagic diathesis	1	0
Increased tendency to bruise	42	0
Spontaneous haematoma	2	0
<i>Coagulation factor deficiencies</i>		
Acquired haemophilia	2	0
<i>Coagulopathies</i>		
Abnormal clotting factor	4	0
Antiphospholipid syndrome	5	0
Coagulopathy	23	1
Disseminated intravascular coagulation	2	0
Hypercoagulation	3	0
Thrombotic microangiopathy	2	0
<i>Eosinophilic disorders</i>		
Eosinophilia	12	0
<i>Haematological disorders</i>		
Blood disorder	3	0
Hypergammaglobulinaemia	1	0
Hyperviscosity syndrome	1	0
Mast cell activation syndrome	7	0
Methaemoglobinaemia	1	0
<i>Haemolyses NEC</i>		
Haemolysis	6	0
Intravascular haemolysis	1	0
<i>Leukocytoses NEC</i>		
Leukocytosis	1	0
Lymphocytosis	6	0
Neutrophilia	9	0
<i>Leukopenias NEC</i>		
Leukopenia	4	1
Lymphopenia	4	0
<i>Lymphatic system disorders NEC</i>		

Case Series Drug Analysis Print

Name: COVID-19 mRNA Pfizer- BioNTech vaccine analysis print

Reaction Name	Total	Fatal
Blood disorders Blood disorders cont'd		
Abdominal lymphadenopathy	3	0
Hilar lymphadenopathy	2	0
Lymph node pain	1561	0
Lymph node ulcer	1	0
Lymphadenitis	133	0
Lymphadenopathy	9836	0
Lymphatic disorder	1	0
Lymphatic insufficiency	1	0
Necrotic lymphadenopathy	3	0
Pseudolymphoma	10	0
Retroperitoneal lymphadenopathy	1	0
<i>Marrow depression and hypoplastic anaemias</i>		
Aplasia pure red cell	2	0
Hypoplastic anaemia	2	0
Myelosuppression	1	0
Pancytopenia	7	0
<i>Neutropenias</i>		
Autoimmune neutropenia	2	0
Neutropenia	36	0
<i>Platelet disorders NEC</i>		
Platelet anisocytosis	1	0
Platelet disorder	4	0
<i>Polycythaemia (excl rubra vera)</i>		
Polycythaemia	2	0
<i>Purpuras (excl thrombocytopenic)</i>		
Purpura non-thrombocytopenic	1	0
<i>Red blood cell abnormal findings NEC</i>		
Macrocytosis	1	0
Polychromasia	2	0
Red blood cell abnormality	2	0
<i>Spleen disorders</i>		
Spleen atrophy	1	0
Splenic infarction	2	0
Splenic thrombosis	1	0
Splenic vein thrombosis	1	0
Splenomegaly	11	0
<i>Thrombocytopenias</i>		
Immune thrombocytopenia	72	0
Thrombocytopenia	198	1
Thrombocytopenic purpura	6	0
Thrombotic thrombocytopenic purpura	6	0
<i>Thrombocytoses</i>		
Thrombocytosis	6	0
Blood disorders SOC TOTAL	12214	3

Case Series Drug Analysis Print

Name: COVID-19 mRNA Pfizer- BioNTech vaccine analysis print

Reaction Name	Total	Fatal
Cardiac disorders		
<i>Aortic valvular disorders</i>		
Aortic valve incompetence	1	0
<i>Cardiac conduction disorders</i>		
Atrioventricular block	14	1
Atrioventricular block complete	2	1
Atrioventricular block first degree	1	0
Atrioventricular block second degree	2	0
Bundle branch block	2	0
Bundle branch block left	2	0
Bundle branch block right	1	0
<i>Cardiac disorders NEC</i>		
Acute cardiac event	3	0
Cardiac disorder	51	0
Cardiac dysfunction	1	0
Cardiovascular deconditioning	1	0
Cardiovascular disorder	5	0
Intracardiac thrombus	6	0
<i>Cardiac hypertensive complications</i>		
Hypertensive heart disease	1	0
<i>Cardiac infections and inflammations NEC</i>		
Carditis	2	0
<i>Cardiac neoplasms NEC</i>		
Pericardial cyst	1	0
<i>Cardiac signs and symptoms NEC</i>		
Cardiac discomfort	18	0
Cardiovascular symptom	1	0
Palpitations	3104	1
<i>Cardiac valve disorders NEC</i>		
Cardiac valve disease	2	0
Heart valve incompetence	1	0
<i>Cardiomyopathies</i>		
Cardiomyopathy	4	0
Congestive cardiomyopathy	4	0
Stress cardiomyopathy	2	0
<i>Coronary artery disorders NEC</i>		
Coronary artery disease	6	3
Coronary artery occlusion	2	0
Coronary artery thrombosis	1	1
<i>Endocarditis NEC</i>		
Endocarditis noninfective	1	1
<i>Heart failures NEC</i>		
Cardiac failure	64	8
Cardiac failure acute	4	0
Cardiac failure chronic	2	0
Cardiac failure congestive	3	1
Cardiogenic shock	4	1
Cardiopulmonary failure	1	1
<i>Ischaemic coronary artery disorders</i>		
Acute coronary syndrome	3	0
Acute myocardial infarction	20	1
Angina pectoris	180	1
Angina unstable	2	0
Arteriospasm coronary	3	0

Case Series Drug Analysis Print

Name: COVID-19 mRNA Pfizer- BioNTech vaccine analysis print

Reaction Name	Total	Fatal
Cardiac disorders Cardiac disorders cont'd		
Microvascular coronary artery disease	2	0
Myocardial infarction	191	32
Myocardial ischaemia	8	4
Left ventricular failures		
Acute left ventricular failure	1	1
Left ventricular failure	7	2
Mitral valvular disorders		
Mitral valve incompetence	6	0
Mitral valve prolapse	1	0
Myocardial disorders NEC		
Cardiac amyloidosis	1	0
Cardiomegaly	27	2
Left atrial dilatation	1	0
Left ventricular dysfunction	7	0
Left ventricular enlargement	1	0
Left ventricular hypertrophy	1	0
Myocardial fibrosis	4	0
Myocardial haemorrhage	1	0
Myocardial oedema	4	0
Myocardial rupture	1	0
Right ventricular enlargement	1	0
Ventricular hypertrophy	1	0
Noninfectious myocarditis		
Myocarditis	380	1
Noninfectious pericarditis		
Pericarditis	288	1
Pericardial disorders NEC		
Pericardial effusion	29	0
Pericardial fibrosis	1	0
Pericardial haemorrhage	3	3
Pericardial rub	2	0
Rate and rhythm disorders NEC		
Arrhythmia	119	0
Bradycardia	55	0
Bradycardia foetal	2	1
Cardiac flutter	385	0
Extrasystoles	137	0
Heart alternation	1	0
Paroxysmal arrhythmia	1	0
Postural orthostatic tachycardia syndrome	18	0
Tachyarrhythmia	2	0
Tachycardia	747	0
Tachycardia foetal	1	0
Tachycardia paroxysmal	1	0
Right ventricular failures		
Cor pulmonale	1	0
Supraventricular arrhythmias		
Arrhythmia supraventricular	10	0
Atrial fibrillation	175	0
Atrial flutter	23	0
Atrial tachycardia	7	0
Nodal arrhythmia	1	0
Sinus arrest	1	0

Case Series Drug Analysis Print

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Reaction Name	Total	Fatal
Cardiac disorders Cardiac disorders cont'd		
Sinus arrhythmia	2	0
Sinus bradycardia	10	0
Sinus node dysfunction	1	0
Sinus tachycardia	52	0
Supraventricular extrasystoles	2	0
Supraventricular tachycardia	36	0
<i>Tricuspid valvular disorders</i>		
Tricuspid valve incompetence	4	0
<i>Ventricular arrhythmias and cardiac arrest</i>		
Cardiac arrest	92	36
Cardio-respiratory arrest	1	1
Pulseless electrical activity	3	0
Ventricular arrhythmia	5	0
Ventricular extrasystoles	20	0
Ventricular fibrillation	6	1
Ventricular tachycardia	10	0
Cardiac disorders SOC TOTAL	6428	106

Case Series Drug Analysis Print

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Reaction Name	Total	Fatal
Congenital disorders		
<i>Autosomal chromosomal abnormalities</i>		
Trisomy 8	1	0
<i>Cardiac disorders congenital NEC</i>		
Heart disease congenital	12	0
<i>Cardiac hypoplasias congenital</i>		
Ventricular hypoplasia	1	0
<i>Cardiac septal defects congenital</i>		
Atrial septal defect	2	0
Hypertrophic cardiomyopathy	1	0
Ventricular septal defect	1	0
<i>Cardiac valve disorders congenital</i>		
Bicuspid aortic valve	1	0
<i>Central nervous system disorders congenital NEC</i>		
Spina bifida	1	0
Syringomyelia	1	0
<i>Cerebellar disorders congenital</i>		
Arnold-Chiari malformation	1	0
Hereditary ataxia	1	0
<i>Cerebral disorders congenital</i>		
Anencephaly	2	0
Cerebral palsy	3	0
<i>Coagulation disorders congenital</i>		
Haemophilia	2	0
<i>Congenital disorders NEC</i>		
Foetal malformation	1	0
Heterotaxia	1	0
Young's syndrome	1	0
<i>Connective tissue disorders congenital</i>		
Ehlers-Danlos syndrome	2	0
<i>Gastrointestinal tract disorders congenital NEC</i>		
Gastroschisis	2	0
<i>Great vessel disorders congenital</i>		
Congenital great vessel anomaly	1	0
Transposition of the great vessels	1	0
<i>Haematological disorders congenital NEC</i>		
Amegakaryocytic thrombocytopenia	1	0
Neonatal alloimmune thrombocytopenia	1	0
<i>Haemoglobinopathies congenital</i>		
Congenital methaemoglobinaemia	1	0
<i>Inborn errors of metabolism NEC</i>		
Alpha-1 antitrypsin deficiency	1	0
<i>Inborn errors of porphyrin metabolism</i>		
Porphyria	1	0
<i>Lymphatic system disorders congenital</i>		
Cystic lymphangioma	3	0
<i>Male reproductive tract disorders congenital</i>		
Cryptorchism	1	0
Micropenis	3	0
Phimosis	1	0
<i>Musculoskeletal and connective tissue disorders of limbs congenital</i>		
Developmental hip dysplasia	1	0
<i>Musculoskeletal and connective tissue disorders of spine congenital</i>		
Block vertebra	1	0

Case Series Drug Analysis Print

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Reaction Name	Total	Fatal
Congenital disorders Congenital disorders cont'd		
Brachyolmia	1	0
Neurological disorders congenital NEC		
Familial hemiplegic migraine	2	0
Familial periodic paralysis	1	0
Moebius II syndrome	1	0
Tourette's disorder	2	0
Ocular disorders congenital NEC		
Colour blindness	4	0
Congenital eye disorder	1	0
Palate disorders congenital		
Cleft lip and palate	2	0
Peripheral nervous system disorders congenital NEC		
Hereditary neuropathy with liability to pressure palsies	1	0
Paroxysmal extreme pain disorder	1	0
Pulmonary and bronchial disorders congenital		
Congenital cystic lung	1	0
Retinal disorders congenital		
Retinitis pigmentosa	1	0
Sex chromosomal abnormalities		
Turner's syndrome	1	0
Skin and subcutaneous tissue disorders congenital NEC		
Acral peeling skin syndrome	1	0
Tongue disorders congenital		
Ankyloglossia congenital	1	0
Venous disorders congenital		
Anomalous pulmonary venous connection	1	0
Congenital disorders SOC TOTAL	76	0

Case Series Drug Analysis Print

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Reaction Name	Total	Fatal
Ear disorders		
<i>Ear disorders NEC</i>		
Ear canal erythema	1	0
Ear congestion	29	0
Ear discomfort	89	0
Ear disorder	15	0
Ear haemorrhage	9	0
Ear pain	888	0
Ear pruritus	9	0
Ear swelling	33	0
Otorrhoea	4	0
<i>Eustachian tube disorders</i>		
Eustachian tube disorder	4	0
Eustachian tube dysfunction	8	0
Eustachian tube obstruction	4	0
<i>External ear disorders NEC</i>		
Auricular swelling	2	0
Excessive cerumen production	8	0
External ear pain	2	0
Red ear syndrome	2	0
<i>External ear infections and inflammations</i>		
External ear inflammation	2	0
<i>Hearing disorders NEC</i>		
Auditory disorder	6	0
Diplacusis	2	0
<i>Hearing losses</i>		
Conductive deafness	1	0
Deafness	219	0
Deafness bilateral	6	0
Deafness neurosensory	17	0
Deafness transitory	6	0
Deafness unilateral	29	0
Hypoacusis	165	0
Sudden hearing loss	41	0
<i>Hyperacusia</i>		
Hyperacusis	50	0
Misophonia	3	0
<i>Inner ear disorders NEC</i>		
Acute vestibular syndrome	2	0
Inner ear disorder	12	0
Meniere's disease	11	0
Vestibular disorder	10	0
<i>Inner ear infections and inflammations</i>		
Inner ear inflammation	8	0
<i>Inner ear signs and symptoms</i>		
Motion sickness	56	0
Tinnitus	1770	0
Vertigo	1275	0
Vertigo labyrinthine	10	0
Vertigo positional	69	0
<i>Mastoid disorders</i>		
Mastoid effusion	1	0
<i>Middle ear disorders NEC</i>		
Middle ear disorder	3	0

Case Series Drug Analysis Print

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Reaction Name	Total	Fatal
Ear disorders Ear disorders cont'd		
Middle ear effusion	1	0
<i>Middle ear infections and inflammations</i>		
Middle ear inflammation	1	0
<i>Tympanic membrane disorders (excl infections)</i>		
Tympanic membrane perforation	3	0
Ear disorders SOC TOTAL	4886	0

Case Series Drug Analysis Print

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Reaction Name	Total	Fatal
Endocrine disorders		
<i>Acute and chronic thyroiditis</i>		
Autoimmune thyroiditis	2	0
Thyroiditis	17	0
Thyroiditis acute	2	0
Thyroiditis subacute	3	0
<i>Adrenal cortical hypofunctions</i>		
Addison's disease	2	0
Adrenal insufficiency	2	0
Adrenocortical insufficiency acute	13	0
<i>Adrenal gland disorders NEC</i>		
Adrenal haemorrhage	2	0
<i>Anterior pituitary hyperfunction</i>		
Pituitary-dependent Cushing's syndrome	1	0
<i>Anterior pituitary hypofunction</i>		
Hypopituitarism	1	0
<i>Endocrine abnormalities of gonadal function NEC</i>		
Oestrogen deficiency	1	0
<i>Endocrine abnormalities of puberty</i>		
Delayed menarche	4	0
Premature menarche	16	0
<i>Female gonadal function disorders</i>		
Anovulatory cycle	46	0
Ovulation delayed	32	0
<i>Male gonadal function disorders</i>		
Androgen deficiency	1	0
<i>Thyroid disorders NEC</i>		
Autoimmune thyroid disorder	1	0
Goitre	12	0
Thyroid disorder	7	0
Thyroid mass	1	0
Thyroid pain	6	0
<i>Thyroid hyperfunction disorders</i>		
Basedow's disease	8	0
Hyperthyroidism	31	0
Thyrotoxic crisis	3	0
<i>Thyroid hypofunction disorders</i>		
Autoimmune hypothyroidism	1	0
Hypothyroidism	28	0
Myxoedema	1	0
Endocrine disorders SOC TOTAL	244	0

Case Series Drug Analysis Print

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Reaction Name	Total	Fatal
Eye disorders		
<i>Amblyopic vision impairment</i>		
Amblyopia	6	0
<i>Cataract conditions</i>		
Cataract	11	0
<i>Choroid and vitreous haemorrhages and vascular disorders</i>		
Choroidal haemorrhage	1	0
Choroidal neovascularisation	1	0
Vitreous haemorrhage	3	0
<i>Choroid and vitreous structural change, deposit and degeneration</i>		
Chorioretinopathy	5	0
Vitreous detachment	17	0
Vitreous floaters	80	0
<i>Colour blindness (incl acquired)</i>		
Dyschromatopsia	8	0
<i>Conjunctival and corneal bleeding and vascular disorders</i>		
Conjunctival haemorrhage	38	0
<i>Conjunctival infections, irritations and inflammations</i>		
Conjunctival hyperaemia	2	0
Conjunctival irritation	1	0
Conjunctival oedema	3	0
Conjunctivitis allergic	1	0
<i>Corneal infections, oedemas and inflammations</i>		
Corneal oedema	2	0
Keratitis	6	0
Ulcerative keratitis	5	0
<i>Eyelid movement disorders</i>		
Blepharospasm	136	0
Excessive eye blinking	5	0
Eyelid function disorder	3	0
Eyelid myokymia	4	0
Eyelid ptosis	41	0
Paralytic lagophthalmos	2	0
<i>Glaucomas (excl congenital)</i>		
Angle closure glaucoma	2	0
Glaucoma	6	0
<i>Iris and ciliary body structural change, deposit and degeneration</i>		
Eye colour change	2	0
<i>Iris and uveal tract infections, irritations and inflammations</i>		
Autoimmune uveitis	1	0
Iridocyclitis	14	0
Iritis	7	0
Uveitis	43	0
<i>Lacrimation disorders</i>		
Dry eye	133	0
Lacrimation increased	119	0
<i>Lid bleeding and vascular disorders</i>		
Eyelid bleeding	1	0
<i>Lid, lash and lacrimal infections, irritations and inflammations</i>		
Blepharitis	13	0
Chalazion	7	0
Eczema eyelids	7	0
Erythema of eyelid	9	0
Eyelid cyst	4	0

Case Series Drug Analysis Print

Name: COVID-19 mRNA Pfizer- BioNTech vaccine analysis print

Reaction Name	Total	Fatal
Eye disorders Eye disorders cont'd		
Eyelid irritation	2	0
Eyelid margin crusting	4	0
Eyelid oedema	5	0
Eyelid rash	16	0
Swelling of eyelid	111	0
Swollen tear duct	1	0
Lid, lash and lacrimal structural disorders		
Dacryostenosis acquired	1	0
Dermatochalasis	1	0
Eyelash changes	1	0
Eyelid exfoliation	3	0
Eyelid skin dryness	2	0
Eyelid thickening	1	0
Floppy eyelid syndrome	1	0
Growth of eyelashes	3	0
Lagophthalmos	3	0
Ocular bleeding and vascular disorders NEC		
Eye haematoma	4	0
Eye haemorrhage	26	0
Ocular vascular disorder	2	0
Ophthalmic vein thrombosis	1	0
Ocular disorders NEC		
Dark circles under eyes	6	0
Eye disorder	32	0
Eye oedema	15	0
Eye pain	962	0
Eye swelling	464	0
Eye symptom	9	0
Eye ulcer	3	0
Eyelid disorder	12	0
Eyelid pain	11	0
Eyelids pruritus	6	0
Ocular discomfort	25	0
Periorbital oedema	18	0
Periorbital pain	1	0
Periorbital swelling	112	0
Retinal disorder	2	0
Vitreous disorder	1	0
Ocular infections, inflammations and associated manifestations		
Eye allergy	12	0
Eye discharge	25	0
Eye inflammation	25	0
Eye irritation	83	0
Eye pruritus	215	0
Limbal swelling	2	0
Ocular hyperaemia	200	0
Ocular nerve and muscle disorders		
Binocular eye movement disorder	1	0
Extraocular muscle disorder	1	0
Extraocular muscle paresis	2	0
Eye movement disorder	31	0
Gaze palsy	1	0
Ocular myasthenia	1	0

Case Series Drug Analysis Print

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Reaction Name	Total	Fatal
Eye disorders Eye disorders cont'd		
Ophthalmoplegia	4	0
Strabismus	5	0
Ocular sensation disorders		
Abnormal sensation in eye	17	0
Asthenopia	141	0
Eye paraesthesia	2	0
Eyelid sensory disorder	1	0
Foreign body sensation in eyes	16	0
Hypoaesthesia eye	15	0
Photophobia	419	0
Optic disc abnormalities NEC		
Papilloedema	5	0
Optic nerve bleeding and vascular disorders		
Optic disc haemorrhage	1	0
Optic ischaemic neuropathy	2	0
Orbital infections, inflammations and irritations		
Parophthalmia	1	0
Orbital structural change, deposit and degeneration		
Orbital oedema	2	0
Pupil disorders		
Miosis	2	0
Mydriasis	21	0
Pupil fixed	2	0
Pupils unequal	12	0
Refractive and accommodative disorders		
Accommodation disorder	1	0
Altered visual depth perception	2	0
Astigmatism	2	0
Hypermetropia	2	0
Myopia	1	0
Retinal bleeding and vascular disorders (excl retinopathy)		
Retinal artery occlusion	9	0
Retinal artery thrombosis	1	0
Retinal haemorrhage	7	0
Retinal vascular thrombosis	1	0
Retinal vein occlusion	31	0
Retinal vein thrombosis	2	0
Retinal structural change, deposit and degeneration		
Macular degeneration	4	0
Macular hole	2	0
Macular rupture	1	0
Maculopathy	1	0
Neovascular age-related macular degeneration	2	0
Retinal degeneration	1	0
Retinal detachment	4	0
Retinal tear	2	0
Retinal toxicity	3	0
Retinal, choroid and vitreous infections and inflammations		
Birdshot chorioretinopathy	2	0
Cystoid macular oedema	1	0
Macular oedema	4	0
Retinal vasculitis	3	0
Retinopathies NEC		

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Reaction Name	Total	Fatal
Eye disorders Eye disorders cont'd		
Acute macular outer retinopathy	1	0
Retinal exudates	2	0
Retinopathy	2	0
Scleral infections, irritations and inflammations		
Episcleritis	7	0
Scleritis	3	0
Scleral structural change, deposit and degeneration		
Scleral discolouration	2	0
Structural change, deposit and degeneration of eye NEC		
Exophthalmos	1	0
Visual colour distortions		
Chloropsia	2	0
Chromatopsia	1	0
Cyanopsia	2	0
Erythropsia	2	0
Xanthopsia	1	0
Visual disorders NEC		
Charles Bonnet syndrome	2	0
Diplopia	146	0
Glare	1	0
Halo vision	7	0
Heteronymous diplopia	1	0
Metamorphopsia	17	0
Oscillopsia	2	0
Photopsia	119	0
Scintillating scotoma	4	0
Vision blurred	1087	0
Visual brightness	3	0
Visual snow syndrome	7	0
Visual field disorders		
Visual field defect	25	0
Visual impairment and blindness (excl colour blindness)		
Amaurosis fugax	2	0
Blindness	115	0
Blindness cortical	1	0
Blindness transient	12	0
Blindness unilateral	12	0
Central vision loss	3	0
Sudden visual loss	3	0
Visual acuity reduced	22	0
Visual acuity reduced transiently	1	0
Visual impairment	317	0
Visual pathway disorders		
Optic nerve disorder	1	0
Eye disorders SOC TOTAL	5908	0

Case Series Drug Analysis Print

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Reaction Name	Total	Fatal
Gastrointestinal disorders		
<i>Abdominal findings abnormal</i>		
Abdominal mass	2	0
Gastrointestinal sounds abnormal	16	0
<i>Abdominal hernias NEC</i>		
Abdominal hernia	2	0
<i>Abdominal wall conditions NEC</i>		
Abdominal wall haematoma	1	0
<i>Acute and chronic pancreatitis</i>		
Alcoholic pancreatitis	1	0
Obstructive pancreatitis	1	0
Pancreatitis	13	0
Pancreatitis acute	13	1
Pancreatitis necrotising	1	0
<i>Anal and rectal disorders NEC</i>		
Anal fissure	2	0
Anal sphincter atony	1	0
Rectal prolapse	1	0
<i>Anal and rectal pains</i>		
Proctalgia	10	0
<i>Anal and rectal signs and symptoms</i>		
Anal hypoaesthesia	1	0
Anal spasm	1	0
Anorectal discomfort	4	0
Anorectal swelling	1	0
Rectal discharge	1	0
Rectal tenesmus	1	0
<i>Benign oral cavity neoplasms</i>		
Mouth cyst	6	0
Tongue cyst	4	0
<i>Colitis (excl infective)</i>		
Autoimmune colitis	2	0
Colitis	39	1
Colitis ischaemic	1	0
Colitis microscopic	1	0
Colitis ulcerative	64	0
Crohn's disease	39	0
Eosinophilic colitis	1	0
Inflammatory bowel disease	5	0
<i>Dental and periodontal infections and inflammations</i>		
Dental caries	1	0
<i>Dental disorders NEC</i>		
Loose tooth	1	0
Malpositioned teeth	2	0
Periodontal disease	1	0
Teeth brittle	2	0
Teething	6	0
Tooth disorder	2	0
Tooth socket haemorrhage	1	0
<i>Dental pain and sensation disorders</i>		
Dental discomfort	6	0
Dental paraesthesia	10	0
Hyperaesthesia teeth	34	0
Toothache	144	0

Case Series Drug Analysis Print

Name: COVID-19 mRNA Pfizer- BioNTech vaccine analysis print

Reaction Name	Total	Fatal
Gastrointestinal disorders		
<i>Gastrointestinal disorders cont'd</i>		
Dental surface disorders		
Tooth discolouration	9	0
Diaphragmatic hernias		
Hiatus hernia	6	0
Diarrhoea (excl infective)		
Diarrhoea	4724	2
Diarrhoea haemorrhagic	19	0
Diverticula		
Diverticulum	4	0
Diverticulum intestinal	1	0
Duodenal and small intestinal stenosis and obstruction		
Small intestinal obstruction	1	0
Duodenal ulcers and perforation		
Duodenal ulcer haemorrhage	1	0
Duodenal ulcer perforation	3	0
Dyspeptic signs and symptoms		
Dyspepsia	389	0
Epigastric discomfort	14	0
Eructation	45	0
Faecal abnormalities NEC		
Abnormal faeces	19	0
Faecaloma	4	0
Faeces discoloured	56	0
Faeces hard	2	0
Faeces pale	3	0
Faeces soft	10	0
Mucous stools	10	0
Flatulence, bloating and distension		
Abdominal distension	476	0
Aerophagia	3	0
Flatulence	168	0
Gastric and oesophageal haemorrhages		
Gastric haemorrhage	5	1
Mallory-Weiss syndrome	1	0
Oesophageal varices haemorrhage	1	0
Gastric ulcers and perforation		
Gastric ulcer	6	0
Gastritis (excl infective)		
Chronic gastritis	3	0
Gastritis	48	0
Reflux gastritis	5	0
Gastrointestinal and abdominal pains (excl oral and throat)		
Abdominal migraine	2	0
Abdominal pain	1294	0
Abdominal pain lower	120	0
Abdominal pain upper	2138	0
Abdominal rigidity	22	0
Abdominal tenderness	10	0
Gastrointestinal pain	119	0
Oesophageal pain	9	0
Gastrointestinal atonic and hypomotility disorders NEC		
Constipation	229	0
Duodenogastric reflux	4	0

Case Series Drug Analysis Print

Name: COVID-19 mRNA Pfizer- BioNTech vaccine analysis print

Reaction Name	Total	Fatal
Gastrointestinal disorders		
Gastrointestinal disorders cont'd		
Gastric dilatation	7	0
Gastroesophageal reflux disease	133	0
Impaired gastric emptying	8	0
Infrequent bowel movements	3	0
Intestinal dilatation	1	0
Intestinal pseudo-obstruction	2	0
Gastrointestinal disorders NEC		
Appendix disorder	1	0
Food poisoning	7	0
Functional gastrointestinal disorder	10	0
Gastric disorder	9	0
Gastrointestinal disorder	21	0
Stomach mass	4	0
Gastrointestinal dyskinetic disorders		
Bowel movement irregularity	6	0
Change of bowel habit	5	0
Dyschezia	2	0
Gastrointestinal motility disorder	2	0
Oesophageal achalasia	1	0
Gastrointestinal fistulae		
Diverticular fistula	2	0
Gastrointestinal inflammatory disorders NEC		
Duodenitis	1	0
Enteritis	6	0
Epiploic appendagitis	2	0
Gastrointestinal inflammation	3	0
Intestinal angioedema	2	0
Gastrointestinal mucosal dystrophies and secretion disorders		
Hyperchlorhydria	4	0
Gastrointestinal signs and symptoms NEC		
Abdominal discomfort	541	0
Abdominal symptom	1	0
Acute abdomen	5	0
Anal incontinence	19	0
Breath odour	17	0
Dysphagia	192	1
Gastrointestinal wall thickening	1	0
Odynophagia	31	0
Gastrointestinal spastic and hypermotility disorders		
Cardiospasm	1	0
Defaecation urgency	9	0
Frequent bowel movements	26	0
Gastrointestinal hypermotility	1	0
Irritable bowel syndrome	78	0
Oesophageal spasm	3	0
Pylorospasm	1	0
Gastrointestinal stenosis and obstruction NEC		
Intestinal obstruction	3	0
Neonatal intestinal obstruction	1	0
Gastrointestinal vascular malformations		
Gastric antral vascular ectasia	10	0
Gastrointestinal vascular occlusion and infarction		
Intestinal ischaemia	5	2

Case Series Drug Analysis Print

Name: COVID-19 mRNA Pfizer- BioNTech vaccine analysis print

Reaction Name	Total	Fatal
Gastrointestinal disorders		
Gastrointestinal disorders cont'd		
Mesenteric vein thrombosis	6	0
Omental infarction	1	0
Thrombosis mesenteric vessel	2	0
Visceral venous thrombosis	1	0
Gingival disorders, signs and symptoms NEC		
Gingival blister	11	0
Gingival discomfort	6	0
Gingival disorder	3	0
Gingival erythema	2	0
Gingival hypertrophy	1	0
Gingival oedema	1	0
Gingival pain	97	0
Gingival pruritus	1	0
Gingival swelling	32	0
Gingival ulceration	1	0
Gingivitis ulcerative	1	0
Noninfective gingivitis	7	0
Gingival haemorrhages		
Gingival bleeding	57	0
Haemorrhoids and gastrointestinal varices (excl oesophageal)		
Gastric varices	1	0
Haemorrhoidal haemorrhage	1	0
Haemorrhoids	29	1
Haemorrhoids thrombosed	1	0
Inguinal hernias		
Inguinal hernia	1	0
Intestinal haemorrhages		
Anal haemorrhage	18	1
Intestinal haemorrhage	1	0
Rectal haemorrhage	64	0
Small intestinal haemorrhage	5	0
Intestinal ulcers and perforation NEC		
Intestinal perforation	5	2
Large intestinal ulcer	1	0
Large intestine perforation	1	0
Malabsorption syndromes		
Bile acid malabsorption	2	0
Coeliac disease	10	0
Malabsorption	1	0
Steatorrhoea	4	0
Nausea and vomiting symptoms		
Discoloured vomit	12	0
Infantile vomiting	7	0
Nausea	12243	0
Regurgitation	1	0
Retching	92	0
Vomiting	3825	1
Vomiting projectile	53	0
Non-mechanical ileus		
Ileus paralytic	2	0
Non-site specific gastrointestinal haemorrhages		
Gastrointestinal haemorrhage	15	1
Haematemesis	26	2

Case Series Drug Analysis Print

Name: COVID-19 mRNA Pfizer- BioNTech vaccine analysis print

Reaction Name	Total	Fatal
Gastrointestinal disorders		
Gastrointestinal disorders cont'd		
Haematochezia	48	0
Melaena	8	0
Upper gastrointestinal haemorrhage	8	0
Oesophageal stenosis and obstruction		
Oesophageal stenosis	3	0
Oesophagitis (excl infective)		
Eosinophilic oesophagitis	1	0
Oesophagitis	3	0
Oral dryness and saliva altered		
Aptyalism	3	0
Dry mouth	440	0
Lip dry	36	0
Saliva altered	6	0
Salivary hypersecretion	47	0
Oral soft tissue disorders NEC		
Angina bullosa haemorrhagica	1	0
Chapped lips	20	0
Cheilitis	23	0
Enlarged uvula	14	0
Leukoplakia oral	2	0
Lip blister	26	0
Lip disorder	4	0
Oral disorder	15	0
Oral lichen planus	10	0
Oral mucosal hypertrophy	1	0
Oral papule	1	0
Uvulitis	3	0
Oral soft tissue haemorrhages		
Mouth haemorrhage	13	0
Oral blood blister	12	0
Oral purpura	2	0
Oral soft tissue infections		
Angular cheilitis	2	0
Oral soft tissue signs and symptoms		
Anaesthesia oral	2	0
Burning mouth syndrome	6	0
Coating in mouth	1	0
Hypoaesthesia oral	434	0
Lip discolouration	7	0
Lip erythema	2	0
Lip exfoliation	5	0
Lip pain	49	0
Lip pruritus	14	0
Lip scab	1	0
Oral discomfort	75	0
Oral dysaesthesia	1	0
Oral mucosal blistering	13	0
Oral mucosal discolouration	1	0
Oral mucosal eruption	13	0
Oral mucosal erythema	5	0
Oral mucosal exfoliation	9	0
Oral mucosal roughening	3	0
Oral mucosal scab	1	0

Case Series Drug Analysis Print

Name: COVID-19 mRNA Pfizer- BioNTech vaccine analysis print

Reaction Name	Total	Fatal
Gastrointestinal disorders		
Gastrointestinal disorders cont'd		
Oral pain	150	0
Oral pruritus	20	0
Paraesthesia oral	839	0
Pigmentation lip	1	0
Oral soft tissue swelling and oedema		
Lip oedema	4	0
Lip swelling	666	0
Mouth swelling	81	0
Oedema mouth	4	0
Palatal oedema	3	0
Palatal swelling	2	0
Pancreatic disorders NEC		
Pancreatic mass	1	0
Peptic ulcers and perforation		
Peptic ulcer	1	0
Peptic ulcer haemorrhage	11	0
Peritoneal and retroperitoneal disorders		
Ascites	1	0
Peritoneal and retroperitoneal fibrosis and adhesions		
Abdominal adhesions	1	0
Peritoneal and retroperitoneal haemorrhages		
Haemoperitoneum	1	0
Retroperitoneal haemorrhage	1	1
Rectal inflammations NEC		
Proctitis	3	0
Proctitis ulcerative	1	0
Salivary gland disorders NEC		
Salivary gland disorder	1	0
Salivary gland pain	12	0
Salivary gland enlargements		
Parotid gland enlargement	9	0
Salivary gland enlargement	5	0
Submaxillary gland enlargement	7	0
Salivary gland infections and inflammations		
Noninfective sialoadenitis	1	0
Stomatitis and ulceration		
Aphthous ulcer	46	0
Lip ulceration	16	0
Mouth ulceration	396	0
Oral mucosa erosion	1	0
Palatal ulcer	1	0
Stomatitis	58	0
Tongue disorders		
Glossitis	17	0
Hypertrophy of tongue papillae	1	0
Plicated tongue	3	0
Tongue disorder	34	0
Tongue geographic	2	0
Tongue haemorrhage	3	0
Tongue ulceration	29	0
Trichoglossia	4	0
Tongue signs and symptoms		
Glossodynia	188	0

Case Series Drug Analysis Print

Name: COVID-19 mRNA Pfizer- BioNTech vaccine analysis print

Reaction Name	Total	Fatal
Gastrointestinal disorders		
Gastrointestinal disorders cont'd		
Scalloped tongue	5	0
Stiff tongue	4	0
Swollen tongue	437	0
Tongue blistering	17	0
Tongue coated	16	0
Tongue discolouration	33	0
Tongue discomfort	38	0
Tongue dry	13	0
Tongue eruption	9	0
Tongue erythema	10	0
Tongue exfoliation	1	0
Tongue movement disturbance	6	0
Tongue oedema	21	0
Tongue pruritus	2	0
Tongue rough	4	0
Tongue spasm	9	0
<i>Tooth missing</i>		
Tooth loss	6	0
Gastrointestinal disorders SOC TOTAL	32916	17

Case Series Drug Analysis Print

Name: COVID-19 mRNA Pfizer- BioNTech vaccine analysis print

Reaction Name	Total	Fatal
General disorders		
<i>Administration site reactions NEC</i>		
Administration site bruise	6	0
Administration site erythema	4	0
Administration site extravasation	3	0
Administration site haematoma	3	0
Administration site inflammation	1	0
Administration site irritation	1	0
Administration site joint discomfort	1	0
Administration site joint movement impairment	1	0
Administration site nerve damage	1	0
Administration site pain	15	0
Administration site rash	4	0
Administration site reaction	1	0
Administration site swelling	3	0
Administration site urticaria	2	0
Administration site warmth	2	0
Puncture site bruise	33	0
Puncture site pain	6	0
Puncture site reaction	1	0
Puncture site swelling	2	0
Vessel puncture site bruise	2	0
Vessel puncture site erythema	1	0
Vessel puncture site pain	1	0
<i>Adverse effect absent</i>		
No adverse event	3	0
<i>Application and instillation site reactions</i>		
Application site acne	2	0
Application site bruise	8	0
Application site burn	1	0
Application site erythema	14	0
Application site haemorrhage	1	0
Application site hypoaesthesia	1	0
Application site irritation	1	0
Application site joint erythema	1	0
Application site joint pain	1	0
Application site mass	1	0
Application site odour	2	0
Application site pain	12	0
Application site pruritus	4	0
Application site rash	2	0
Application site reaction	1	0
Application site swelling	2	0
Application site vesicles	7	0
Application site warmth	1	0
Instillation site warmth	6	0
<i>Asthenic conditions</i>		
Asthenia	1656	0
Chronic fatigue syndrome	66	0
Decreased activity	9	0
Fatigue	19599	0
Malaise	4465	0
Sluggishness	12	0
<i>Body temperature altered</i>		

Case Series Drug Analysis Print

Name: COVID-19 mRNA Pfizer- BioNTech vaccine analysis print

Reaction Name	Total	Fatal
General disorders General disorders cont'd		
Hyperthermia	5	0
Hypothermia	21	0
Temperature regulation disorder	11	0
Breast complications associated with device		
Breast implant palpable	1	0
Capsular contracture associated with breast implant	1	0
Cardiac complications associated with device		
Prosthetic cardiac valve thrombosis	2	0
Complications associated with device NEC		
Capsular contracture associated with implant	1	0
Complication of device removal	3	0
Injury associated with device	3	0
Medical device pain	1	0
Medical device site swelling	1	0
Phantom shocks	2	0
Death and sudden death		
Brain death	3	3
Cardiac death	1	1
Clinical death	1	1
Death	155	155
Drowning	1	0
Sudden death	27	27
Febrile disorders		
Hyperpyrexia	9	0
Pyrexia	12774	0
Feelings and sensations NEC		
Chills	8085	0
Feeling abnormal	1407	0
Feeling cold	984	0
Feeling drunk	72	0
Feeling hot	1003	0
Feeling jittery	21	0
Feeling of body temperature change	288	0
Feeling of relaxation	3	0
Hangover	74	0
Hunger	41	0
Sensation of blood flow	3	0
Sensation of foreign body	47	0
Temperature intolerance	40	0
Thirst	297	0
Fibrosis NEC		
Fibrosis	1	0
Gait disturbances		
Gait disturbance	196	0
Gait inability	71	0
Loss of control of legs	17	0
General signs and symptoms NEC		
Adhesion	1	0
Chronic disease	1	0
Condition aggravated	190	0
Crepitations	2	0
Crying	141	0
Deformity	2	0

Case Series Drug Analysis Print

Name: COVID-19 mRNA Pfizer- BioNTech vaccine analysis print

Reaction Name	Total	Fatal
General disorders General disorders cont'd		
Discharge	10	0
Disease progression	2	0
Disease recurrence	26	0
Effusion	3	0
Energy increased	20	0
Exercise tolerance decreased	23	0
Foaming at mouth	1	0
General physical health deterioration	15	2
General symptom	3	0
Glassy eyes	4	0
High-pitched crying	3	0
Illness	1617	0
Induration	14	0
Influenza like illness	2017	0
Irritability postvaccinal	2	0
Local reaction	74	0
Moaning	3	0
Multiple organ dysfunction syndrome	10	4
Nonspecific reaction	1	0
Organ failure	2	1
Perforation	2	0
Peripheral swelling	3085	0
Physical deconditioning	2	0
Pre-existing condition improved	8	0
Prolapse	1	0
Screaming	19	0
Secretion discharge	19	0
Swelling	2515	0
Swelling face	720	0
Symptom recurrence	1	0
Terminal state	1	0
Tissue irritation	1	0
Implant and catheter site reactions		
Implant site discolouration	2	0
Implant site pain	2	0
Implant site rash	1	0
Implant site swelling	2	0
Implant site urticaria	1	0
Implant site warmth	3	0
Inflamations		
Granuloma	1	0
Inflammation	404	0
Papillitis	1	0
Scar inflammation	1	0
Serositis	1	0
Systemic inflammatory response syndrome	2	0
Infusion site reactions		
Infusion site coldness	1	0
Infusion site joint effusion	1	0
Infusion site joint pain	2	0
Infusion site mass	1	0
Infusion site nerve damage	1	0
Infusion site pain	1	0

Case Series Drug Analysis Print

Name: COVID-19 mRNA Pfizer- BioNTech vaccine analysis print

Reaction Name	Total	Fatal
General disorders General disorders cont'd		
Infusion site pruritus	1	0
Infusion site swelling	1	0
Infusion site urticaria	1	0
Infusion site warmth	1	0
Injection site reactions		
Injected limb mobility decreased	26	0
Injection site bruising	59	0
Injection site coldness	1	0
Injection site cyst	2	0
Injection site discolouration	5	0
Injection site discomfort	10	0
Injection site eczema	1	0
Injection site erythema	332	0
Injection site haemorrhage	6	0
Injection site hypersensitivity	2	0
Injection site hypoaesthesia	8	0
Injection site indentation	9	0
Injection site induration	3	0
Injection site inflammation	32	0
Injection site irritation	1	0
Injection site joint discomfort	2	0
Injection site joint erythema	2	0
Injection site joint movement impairment	1	0
Injection site joint pain	13	0
Injection site lymphadenopathy	1	0
Injection site macule	1	0
Injection site mass	453	0
Injection site movement impairment	1	0
Injection site necrosis	3	0
Injection site nerve damage	1	0
Injection site oedema	15	0
Injection site pain	2606	0
Injection site paraesthesia	12	0
Injection site pruritus	167	0
Injection site rash	145	0
Injection site reaction	22	0
Injection site scab	4	0
Injection site scar	5	0
Injection site swelling	260	0
Injection site urticaria	26	0
Injection site vesicles	9	0
Injection site warmth	168	0
Interactions		
Alcohol interaction	4	0
Drug interaction	25	0
Inhibitory drug interaction	3	0
Mass conditions NEC		
Cyst	38	0
Mass	60	0
Nodule	33	0
Mucosal findings abnormal		
Mucosa vesicle	1	0
Mucosal dryness	1	0

Case Series Drug Analysis Print

Name: COVID-19 mRNA Pfizer- BioNTech vaccine analysis print

Reaction Name	Total	Fatal
General disorders General disorders cont'd		
Mucosal haemorrhage	10	0
Mucosal inflammation	2	0
Oedema mucosal	1	0
Polyp	5	0
Necrosis NEC		
Fat necrosis	3	0
Necrosis	4	0
Oedema NEC		
Face oedema	27	0
Generalised oedema	3	0
Localised oedema	16	0
Oedema	65	0
Oedema peripheral	77	0
Pain and discomfort NEC		
Axillary pain	2639	0
Chest discomfort	1467	0
Chest pain	3631	0
Discomfort	413	0
Facial discomfort	19	0
Facial pain	184	0
Inflammatory pain	12	0
Non-cardiac chest pain	25	0
Pain	7597	0
Suprapubic pain	1	0
Tenderness	586	0
Visceral pain	2	0
Therapeutic and nontherapeutic responses		
Adverse drug reaction	44	0
Adverse event	2	0
Adverse food reaction	3	0
Drug ineffective	270	1
Drug intolerance	3	0
Immediate post-injection reaction	2	0
Inadequate analgesia	8	0
No reaction on previous exposure to drug	34	0
Product intolerance	1	0
Therapeutic product effect decreased	1	0
Therapeutic product effect delayed	2	0
Therapeutic product effect increased	1	0
Therapeutic product ineffective	2	0
Therapeutic response changed	1	0
Therapeutic response decreased	2	0
Therapeutic response unexpected	70	0
Therapy non-responder	1	0
Treatment failure	6	0
Vaccination failure	31	0
Trophic disorders		
Atrophy	2	0
Calcinosis	1	0
Hyperplasia	1	0
Ulcers NEC		
Ulcer	30	0
Ulcer haemorrhage	1	0

Case Series Drug Analysis Print

Name: COVID-19 mRNA Pfizer- BioNTech vaccine analysis print

Reaction Name	Total	Fatal
General disorders General disorders cont'd		
<i>Vaccination site reactions</i>		
Extensive swelling of vaccinated limb	11	0
Shoulder injury related to vaccine administration	24	0
Vaccination site anaesthesia	1	0
Vaccination site bruising	108	0
Vaccination site coldness	2	0
Vaccination site cyst	5	0
Vaccination site dermatitis	1	0
Vaccination site discolouration	14	0
Vaccination site discomfort	42	0
Vaccination site dryness	1	0
Vaccination site eczema	1	0
Vaccination site erythema	547	0
Vaccination site granuloma	3	0
Vaccination site haematoma	2	0
Vaccination site haemorrhage	18	0
Vaccination site hypersensitivity	3	0
Vaccination site hypoaesthesia	15	0
Vaccination site induration	70	0
Vaccination site inflammation	51	0
Vaccination site irritation	12	0
Vaccination site joint discomfort	2	0
Vaccination site joint erythema	8	0
Vaccination site joint inflammation	1	0
Vaccination site joint movement impairment	17	0
Vaccination site joint pain	30	0
Vaccination site joint swelling	4	0
Vaccination site joint warmth	1	0
Vaccination site lymphadenopathy	6	0
Vaccination site macule	1	0
Vaccination site mass	245	0
Vaccination site movement impairment	79	0
Vaccination site nerve damage	1	0
Vaccination site nodule	3	0
Vaccination site oedema	3	0
Vaccination site pain	1949	0
Vaccination site paraesthesia	7	0
Vaccination site phlebitis	1	0
Vaccination site pruritus	143	0
Vaccination site rash	112	0
Vaccination site reaction	31	0
Vaccination site scab	2	0
Vaccination site scar	1	0
Vaccination site swelling	502	0
Vaccination site thrombosis	1	0
Vaccination site ulcer	1	0
Vaccination site urticaria	10	0
Vaccination site vesicles	9	0
Vaccination site warmth	245	0
<i>Vascular complications associated with device</i>		
Vascular stent thrombosis	1	0
<i>Withdrawal and rebound effects</i>		
Drug withdrawal syndrome	4	0

Case Series Drug Analysis Print

Name: COVID-19 mRNA Pfizer- BioNTech vaccine analysis print

Reaction Name	Total	Fatal
General disorders General disorders cont'd		
Withdrawal syndrome	39	0
General disorders SOC TOTAL	88915	195

Case Series Drug Analysis Print

Name: COVID-19 mRNA Pfizer- BioNTech vaccine analysis print

Reaction Name	Total	Fatal
Hepatic disorders		
<i>Bile duct infections and inflammations</i>		
Biliary colic	12	0
Cholangitis	1	0
<i>Cholecystitis and cholelithiasis</i>		
Cholecystitis	3	0
Cholecystitis acute	2	0
Cholelithiasis	9	0
<i>Cholestasis and jaundice</i>		
Cholestasis	2	0
Jaundice	20	0
Jaundice cholestatic	10	0
Ocular icterus	2	0
<i>Gallbladder disorders NEC</i>		
Gallbladder disorder	1	0
<i>Hepatic and hepatobiliary disorders NEC</i>		
Liver disorder	12	0
<i>Hepatic enzymes and function abnormalities</i>		
Hepatic function abnormal	6	0
<i>Hepatic failure and associated disorders</i>		
Acute hepatic failure	1	0
Hepatic failure	2	1
<i>Hepatic fibrosis and cirrhosis</i>		
Hepatic cirrhosis	1	0
<i>Hepatic vascular disorders</i>		
Congestive hepatopathy	2	0
Hepatic artery embolism	1	0
Hepatic haemorrhage	2	0
Hepatic vein thrombosis	5	0
Portal vein thrombosis	6	0
<i>Hepatobiliary signs and symptoms</i>		
Hepatic pain	25	0
Hepatomegaly	2	0
Liver tenderness	3	0
<i>Hepatocellular damage and hepatitis NEC</i>		
Autoimmune hepatitis	7	0
Drug-induced liver injury	2	0
Hepatic steatosis	2	0
Hepatitis	9	0
Immune-mediated hepatic disorder	1	0
Liver injury	15	0
Hepatic disorders SOC TOTAL	166	1

Case Series Drug Analysis Print

Name: COVID-19 mRNA Pfizer- BioNTech vaccine analysis print

Reaction Name	Total	Fatal
Immune system disorders		
<i>Acute and chronic sarcoidosis</i>		
Sarcoidosis	14	0
<i>Allergic conditions NEC</i>		
Allergic oedema	14	0
Allergy to animal	1	0
Allergy to arthropod bite	6	0
Allergy to arthropod sting	2	0
Allergy to metals	1	0
Allergy to sting	1	0
Hypersensitivity	848	0
Infusion related hypersensitivity reaction	2	0
Mite allergy	3	0
Multiple allergies	9	0
Serum sickness	2	0
Serum sickness-like reaction	5	0
Type I hypersensitivity	1	0
Type III immune complex mediated reaction	3	0
Type IV hypersensitivity reaction	6	0
<i>Allergies to foods, food additives, drugs and other chemicals</i>		
Allergic reaction to excipient	5	0
Allergy to chemicals	3	0
Allergy to vaccine	34	0
Contrast media reaction	2	0
Drug hypersensitivity	25	0
Food allergy	26	0
Milk allergy	2	0
Oral allergy syndrome	2	0
Reaction to colouring	1	0
Reaction to excipient	8	0
Reaction to preservatives	5	0
Rubber sensitivity	1	0
Smoke sensitivity	1	0
<i>Anaphylactic and anaphylactoid responses</i>		
Anaphylactic reaction	447	2
Anaphylactic shock	46	0
Anaphylactoid reaction	20	0
Anaphylactoid shock	4	0
<i>Atopic disorders</i>		
Atopy	1	0
Seasonal allergy	104	0
<i>Autoimmune disorders NEC</i>		
Autoimmune disorder	40	0
<i>Immune and associated conditions NEC</i>		
Anamnestic reaction	1	0
Bacille Calmette-Guerin scar reactivation	49	0
Cytokine storm	1	0
Decreased immune responsiveness	1	0
Graft versus host disease	1	0
Haemophagocytic lymphohistiocytosis	2	0
Immune reconstitution inflammatory syndrome	1	0
Immune system disorder	20	0
Immune-mediated adverse reaction	7	0
Immunisation reaction	1	0

Case Series Drug Analysis Print

Name: COVID-19 mRNA Pfizer- BioNTech vaccine analysis print

Reaction Name	Total	Fatal
Immune system disorders		
Immune system disorders cont'd		
Multisystem inflammatory syndrome in children	1	0
Sensitisation	4	0
Systemic immune activation	2	0
<i>Immunodeficiency disorders NEC</i>		
Hypogammaglobulinaemia	1	0
Immunodeficiency	1	0
Immunosuppression	3	0
<i>Primary immunodeficiency syndromes</i>		
Selective IgA immunodeficiency	1	0
<i>Transplant rejections</i>		
Corneal graft rejection	6	0
Kidney transplant rejection	1	0
Solid organ transplant rejection	1	0
Transplant rejection	1	0
Immune system disorders SOC TOTAL	1801	2

Case Series Drug Analysis Print

Name: COVID-19 mRNA Pfizer- BioNTech vaccine analysis print

Reaction Name	Total	Fatal
Infections		
<i>Abdominal and gastrointestinal infections</i>		
Abdominal abscess	1	0
Abdominal infection	1	0
Anal abscess	3	0
Appendicitis	36	0
Appendicitis perforated	7	0
Diverticulitis	11	0
Dysentery	1	0
Gastric infection	2	0
Gastroenteritis	26	0
Mesenteric abscess	1	0
Peritonitis	2	1
Rectal abscess	1	0
<i>Adenoviral infections</i>		
Adenoviral conjunctivitis	1	0
<i>Aspergillus infections</i>		
Bronchopulmonary aspergillosis	1	0
<i>Bacterial infections NEC</i>		
Abscess bacterial	2	0
Arthritis bacterial	3	0
Bacterial colitis	1	0
Bacterial diarrhoea	1	0
Bacterial infection	13	0
Bacterial sepsis	1	0
Cellulitis	160	0
Conjunctivitis bacterial	1	0
Ear infection bacterial	1	0
Folliculitis	15	0
Gangrene	1	0
Injection site cellulitis	2	0
Meningitis bacterial	3	0
Paronychia	3	0
Perichondritis	1	0
Periorbital cellulitis	1	0
Sinusitis bacterial	1	0
Skin bacterial infection	2	0
Tonsillitis bacterial	3	0
Urinary tract infection bacterial	1	0
Vaccination site cellulitis	19	0
Zoonotic bacterial infection	1	1
<i>Bartonella infections</i>		
Cat scratch disease	1	0
<i>Bone and joint infections</i>		
Abscess jaw	1	0
Arthritis infective	1	0
Osteomyelitis	2	0
<i>Borrelial infections</i>		
Lyme disease	3	0
Relapsing fever	2	0
<i>Breast infections</i>		
Breast abscess	3	0
Mastitis	68	0
<i>Caliciviral infections</i>		

Case Series Drug Analysis Print

Name: COVID-19 mRNA Pfizer- BioNTech vaccine analysis print

Reaction Name	Total	Fatal
Infections Infections cont'd		
Gastroenteritis norovirus	3	0
<i>Campylobacter infections</i>		
Campylobacter gastroenteritis	1	0
Campylobacter infection	1	0
<i>Candida infections</i>		
Anal candidiasis	3	0
Balanitis candida	1	0
Candida infection	59	0
Oral candidiasis	36	0
Respiratory moniliasis	1	0
Skin candida	1	0
Systemic candida	1	0
Urinary tract candidiasis	1	0
Vulvovaginal candidiasis	44	0
<i>Cardiac infections</i>		
Cardiac infection	1	0
Pericarditis infective	2	0
<i>Central nervous system and spinal infections</i>		
Brain abscess	1	0
CNS ventriculitis	1	0
Cavernous sinus thrombosis	1	0
Encephalitis	19	0
Encephalomyelitis	1	0
Meningitis	7	0
Meningitis aseptic	3	0
Myelitis	6	0
Subdural abscess	1	0
<i>Clostridia infections</i>		
Clostridium difficile infection	2	0
<i>Coronavirus infections</i>		
Asymptomatic COVID-19	14	0
COVID-19	1256	40
COVID-19 pneumonia	48	14
Coronavirus infection	7	0
Post-acute COVID-19 syndrome	2	0
Severe acute respiratory syndrome	2	0
Suspected COVID-19	61	4
<i>Coxiella infections</i>		
Q fever	9	0
<i>Cytomegaloviral infections</i>		
Cytomegalovirus infection	2	0
Cytomegalovirus syndrome	1	0
<i>Dental and oral soft tissue infections</i>		
Abscess oral	5	0
Gingivitis	10	0
Oral infection	1	0
Parotitis	9	0
Pericoronitis	2	0
Pulpitis dental	1	0
Sialoadenitis	3	0
Tongue abscess	1	0
Tooth abscess	8	0
Tooth infection	8	0

Case Series Drug Analysis Print

Name: COVID-19 mRNA Pfizer- BioNTech vaccine analysis print

Reaction Name	Total	Fatal
Infections Infections cont'd		
<i>Ear infections</i>		
Ear infection	76	0
Labyrinthitis	95	0
Mastoiditis	1	0
Otitis externa	2	0
Otitis media	6	0
Otitis media acute	1	0
<i>Ectoparasitic infestations</i>		
Acarodermatitis	4	0
Bed bug infestation	1	0
<i>Epstein-Barr viral infections</i>		
Epstein-Barr virus infection	3	0
Infectious mononucleosis	22	0
<i>Escherichia infections</i>		
Escherichia bacteraemia	1	0
<i>Eye and eyelid infections</i>		
Conjunctivitis	63	0
Eye abscess	1	0
Eye infection	18	0
Eyelid boil	2	0
Eyelid infection	2	0
Hordeolum	25	0
Periorbital infection	2	0
<i>Female reproductive tract infections</i>		
Bartholin's abscess	1	0
Bartholinitis	1	0
Endometritis	3	0
Funisitis	1	0
Pelvic inflammatory disease	1	0
Vaginal infection	1	0
Vulval abscess	1	0
Vulvitis	1	0
<i>Fungal infections NEC</i>		
Fungal infection	15	0
Fungal skin infection	5	0
Onychomycosis	1	0
Oral fungal infection	2	0
Pneumonia fungal	2	0
Vulvovaginal mycotic infection	6	0
<i>Hepatitis virus infections</i>		
Hepatitis A	1	0
Hepatitis E	1	0
<i>Hepatobiliary and spleen infections</i>		
Biliary sepsis	2	0
Cholecystitis infective	1	0
Hepatic infection	1	0
<i>Herpes viral infections</i>		
Disseminated varicella zoster virus infection	1	0
Eczema herpeticum	2	0
Genital herpes	78	0
Genital herpes simplex	6	0
Herpes ophthalmic	3	0
Herpes simplex	25	0

Case Series Drug Analysis Print

Name: COVID-19 mRNA Pfizer- BioNTech vaccine analysis print

Reaction Name	Total	Fatal
Infections		
Infections cont'd		
Herpes simplex encephalitis	1	1
Herpes simplex reactivation	2	0
Herpes virus infection	10	0
Herpes zoster	1279	0
Herpes zoster meningoencephalitis	1	0
Herpes zoster oticus	13	0
Herpes zoster reactivation	1	0
Nasal herpes	4	0
Ophthalmic herpes simplex	2	0
Ophthalmic herpes zoster	3	0
Oral herpes	279	0
Varicella	25	0
Varicella zoster virus infection	2	0
Infections NEC		
Abscess	35	0
Abscess limb	7	0
Abscess soft tissue	1	0
Catheter site infection	1	0
Genital abscess	2	0
Infected bite	3	0
Infected cyst	2	0
Infection	212	0
Infection susceptibility increased	1	0
Injection site abscess	1	0
Injection site infection	5	0
Localised infection	27	0
Lymph gland infection	9	0
Lymph node abscess	5	0
Opportunistic infection	1	0
Pathogen resistance	1	0
Purulent discharge	1	0
Respiratory tract infection	10	0
Vaccination site abscess	7	0
Vaccination site infection	13	0
Vaccine breakthrough infection	23	0
Vestibulitis	2	0
Wound infection	1	0
Infectious transmissions		
Secondary transmission	8	0
Vaccine virus shedding	1	0
Influenza viral infections		
Influenza	1362	0
Klebsiella infections		
Klebsiella infection	1	0
Lower respiratory tract and lung infections		
Bronchitis	20	0
Infectious pleural effusion	1	0
Lower respiratory tract infection	192	7
Pneumonia	118	12
Sputum purulent	1	0
Male reproductive tract infections		
Epididymitis	7	0
Orchitis	4	0

Case Series Drug Analysis Print

Name: COVID-19 mRNA Pfizer- BioNTech vaccine analysis print

Reaction Name	Total	Fatal
Infections Infections cont'd		
Prostate infection	2	0
Molluscum contagiosum viral infections		
Molluscum contagiosum	1	0
Mumps viral infections		
Mumps	6	0
Muscle and soft tissue infections		
Abscess neck	1	0
Infective tenosynovitis	1	0
Necrotising fasciitis	2	0
Psoas abscess	1	0
Soft tissue infection	2	0
Neisseria infections		
Gonorrhoea	1	0
Meningococcal bacteraemia	1	0
Plasmodia infections		
Malaria	2	0
Pneumocystis infections		
Pneumocystis jirovecii pneumonia	2	0
Prion-associated disorders		
Creutzfeldt-Jakob disease	1	0
Retroviral infections		
Acquired immunodeficiency syndrome	1	0
HIV infection	1	0
Rotaviral infections		
Gastroenteritis rotavirus	1	0
Rubeola viral infections		
Measles	4	0
Sepsis, bacteraemia, viraemia and fungaemia NEC		
Neutropenic sepsis	3	1
Sepsis	45	7
Sepsis syndrome	1	0
Septic rash	1	0
Septic shock	5	1
Urosepsis	5	0
Skin structures and soft tissue infections		
Abscess sweat gland	1	0
Acne pustular	1	0
Blister infected	1	0
Dermatitis infected	2	0
Impetigo	10	0
Infected skin ulcer	1	0
Injection site pustule	2	0
Nail infection	1	0
Pustule	15	0
Rash pustular	10	0
Skin infection	29	0
Subcutaneous abscess	10	0
Sweat gland infection	1	0
Vaccination site pustule	4	0
Staphylococcal infections		
Furuncle	38	1
Pneumonia staphylococcal	1	0
Staphylococcal abscess	1	0

Case Series Drug Analysis Print

Name: COVID-19 mRNA Pfizer- BioNTech vaccine analysis print

Reaction Name	Total	Fatal
Infections Infections cont'd		
Staphylococcal infection	3	0
Staphylococcal sepsis	1	0
Streptococcal infections		
Meningitis pneumococcal	1	0
Pharyngitis streptococcal	6	0
Streptococcal abscess	1	0
Streptococcal endocarditis	1	0
Streptococcal infection	1	0
Streptococcal sepsis	1	0
Tinea infections		
Body tinea	3	0
Tinea infection	1	0
Tinea pedis	2	0
Tinea versicolour	3	0
Treponema infections		
Syphilis	2	0
Trypanosomal infections		
African trypanosomiasis	2	0
Tuberculous infections		
Lymph node tuberculosis	1	0
Pulmonary tuberculosis	1	0
Tuberculosis	1	0
Tuberculosis of central nervous system	1	0
Upper respiratory tract infections		
Acute sinusitis	4	0
Chronic sinusitis	2	0
Croup infectious	1	0
Epiglottitis	1	0
Laryngitis	27	0
Nasopharyngitis	912	0
Peritonsillar abscess	3	0
Pharyngitis	29	0
Rhinitis	40	0
Sinusitis	142	0
Tonsillitis	107	0
Tracheitis	4	0
Tracheostomy infection	1	0
Upper respiratory tract infection	8	0
Urinary tract infections		
Cystitis	73	0
Kidney infection	43	0
Pyelonephritis	2	0
Urethritis	1	0
Urinary tract infection	180	0
Vascular infections		
Haematoma infection	1	0
Infected lymphocele	2	0
Infusion site infection	1	0
Lymphangitis	7	0
Viral infections NEC		
Arthritis viral	1	0
Conjunctivitis viral	2	0
Encephalitis viral	6	1

Case Series Drug Analysis Print

Name: COVID-19 mRNA Pfizer- BioNTech vaccine analysis print

Reaction Name	Total	Fatal
Infections		
Infections cont'd		
Eye infection viral	2	0
Gastroenteritis viral	26	0
Hepatitis viral	3	0
Meningitis viral	8	0
Meningoencephalitis viral	1	0
Oral viral infection	1	0
Pleurisy viral	1	0
Pneumonia viral	3	1
Post viral fatigue syndrome	42	0
Sweating fever	91	0
Vestibular neuronitis	28	0
Viral diarrhoea	2	0
Viral infection	49	0
Viral labyrinthitis	4	0
Viral myocarditis	2	0
Viral pericarditis	3	0
Viral pharyngitis	17	0
Viral rash	52	0
Viral sinusitis	1	0
Viral tonsillitis	1	0
Infections SOC TOTAL	8439	92

Case Series Drug Analysis Print

Name: COVID-19 mRNA Pfizer- BioNTech vaccine analysis print

Reaction Name	Total	Fatal
Injuries		
<i>Abdominal and gastrointestinal injuries NEC</i>		
Mouth injury	3	0
Oral contusion	3	0
Palate injury	1	0
Rectal injury	1	0
Splenic rupture	6	0
Tongue injury	2	0
Tooth fracture	1	0
Tooth injury	1	0
<i>Accidental exposures to product</i>		
Accidental exposure to product	20	0
<i>Anaesthetic and allied procedural complications</i>		
Airway complication of anaesthesia	1	0
Delayed recovery from anaesthesia	2	0
Sedation complication	1	0
<i>Atmospheric pressure injuries</i>		
Barotitis media	1	0
Hypobarism	1	0
<i>Bone and joint injuries NEC</i>		
Bursa injury	2	0
Joint injury	8	0
Meniscus injury	1	0
<i>Cardiac and vascular procedural complications</i>		
Shunt blood flow excessive	1	0
<i>Cardiovascular injuries</i>		
Heart injury	10	0
Vascular injury	6	0
<i>Cerebral injuries NEC</i>		
Brain contusion	3	0
Brain herniation	1	0
Concussion	4	0
Craniocerebral injury	1	0
Subarachnoid haematoma	1	0
Subdural haematoma	5	0
Subdural haemorrhage	5	0
Traumatic intracranial haemorrhage	1	1
<i>Chemical injuries</i>		
Chemical burn of skin	4	0
Chemical cystitis	1	0
<i>Chest and respiratory tract injuries NEC</i>		
Bronchial injury	1	0
Chest crushing	9	0
Foreign body in throat	1	0
<i>Conditions caused by cold</i>		
Chillblains	52	0
Cold shock response	1	0
Frostbite	1	0
<i>Cranial nerve injuries</i>		
Vth nerve injury	1	0
<i>Ear injuries NEC</i>		
Ear injury	1	0
<i>Exposures associated with pregnancy, delivery and lactation</i>		
Exposure during pregnancy	9	0

Case Series Drug Analysis Print

Name: COVID-19 mRNA Pfizer- BioNTech vaccine analysis print

Reaction Name	Total	Fatal
Injuries Injuries cont'd		
Exposure via breast milk	129	0
Foetal exposure during pregnancy	42	0
Maternal exposure before pregnancy	12	0
Maternal exposure during breast feeding	1530	0
Maternal exposure during pregnancy	830	0
Maternal exposure timing unspecified	10	0
Paternal exposure before pregnancy	3	0
Exposures to agents or circumstances NEC		
Exposure to SARS-CoV-2	3	0
Exposure to vaccinated person	4	0
Eye and ear procedural complications		
Toxic anterior segment syndrome	1	0
Eye injuries NEC		
Corneal abrasion	1	0
Eye contusion	13	0
Eye injury	17	0
Foreign body in eye	3	0
Injury corneal	1	0
Periorbital haematoma	1	0
Retinal injury	2	0
Superficial injury of eye	1	0
Foetal and neonatal conditions associated with product exposure		
Intoxication by breast feeding	1	0
Fractures and dislocations NEC		
Bone fragmentation	1	0
Fracture	3	0
Joint dislocation	3	0
Multiple fractures	1	0
Gastrointestinal and hepatobiliary procedural complications		
Post procedural constipation	1	0
Postoperative ileus	1	0
Procedural nausea	8	0
Procedural vomiting	2	0
Heat injuries (excl thermal burns)		
Heat cramps	2	0
Heat exhaustion	3	0
Heat illness	1	0
Heat oedema	8	0
Heat stroke	3	0
Intentional product use issues		
Intentional dose omission	1	0
Intentional product use issue	1	0
Limb fractures and dislocations		
Atypical femur fracture	3	0
Clavicle fracture	24	0
Femoral neck fracture	1	0
Femur fracture	1	0
Fibula fracture	1	0
Hip fracture	2	0
Tibia fracture	1	0
Upper limb fracture	1	0
Wrist fracture	1	0
Medication errors, product use errors and issues NEC		

Case Series Drug Analysis Print

Name: COVID-19 mRNA Pfizer- BioNTech vaccine analysis print

Reaction Name	Total	Fatal
Injuries <small>Injuries cont'd</small>		
Circumstance or information capable of leading to medication error	1	0
Dose calculation error	1	0
Inadequate aseptic technique in use of product	1	0
Medication error	20	0
Prescription drug used without a prescription	2	0
Product use complaint	1	0
Product use issue	21	0
Vaccination error	5	0
Wrong dose	4	0
Wrong drug	11	0
Wrong technique in product usage process	4	0
Muscle, tendon and ligament injuries		
Epicondylitis	17	0
Ligament injury	2	0
Ligament sprain	9	0
Mallet finger	1	0
Muscle injury	20	0
Muscle rupture	8	0
Muscle strain	28	0
Post-traumatic neck syndrome	2	0
Tendon injury	6	0
Tendon rupture	16	0
Musculoskeletal procedural complications		
Periprosthetic osteolysis	1	0
Post laminectomy syndrome	1	0
Nerve injuries NEC		
Nerve injury	84	0
Neurological and psychiatric procedural complications		
Post lumbar puncture syndrome	1	0
Post procedural stroke	1	0
Procedural dizziness	11	0
Non-occupational environmental exposures		
Exposure to extreme temperature	1	0
Non-site specific injuries NEC		
Animal scratch	1	0
Arthropod bite	5	0
Arthropod sting	5	0
Bite	1	0
Electric shock	18	0
Fall	165	0
Foreign body	2	0
Injury	10	0
Multiple injuries	2	0
Nervous system injury	2	0
Post concussion syndrome	1	0
Traumatic haematoma	1	0
Wound	7	0
Wound complication	9	0
Wound haematoma	1	0
Wound haemorrhage	2	0
Wound secretion	5	0
Non-site specific procedural complications		
Incision site pain	3	0

Case Series Drug Analysis Print

Name: COVID-19 mRNA Pfizer- BioNTech vaccine analysis print

Reaction Name	Total	Fatal
Injuries <small>Injuries cont'd</small>		
Infusion related reaction	7	0
Injection related reaction	44	0
Post procedural complication	5	0
Post procedural erythema	1	0
Post procedural inflammation	1	0
Procedural pain	2	0
Seroma	1	0
Occupational exposures		
Occupational exposure to SARS-CoV-2	1	0
Occupational exposure to product	1	0
Off label uses		
Off label use	76	0
Overdoses NEC		
Overdose	42	0
Pathways and sources of exposure		
Exposure via unknown route	1	0
Pelvic fractures and dislocations		
Pelvic fracture	1	0
Peripheral nerve injuries		
Axillary nerve injury	1	0
Brachial plexus injury	1	0
Ulnar nerve injury	4	0
Poisoning and toxicity		
Alcohol poisoning	1	0
Poisoning	11	0
Toxicity to various agents	2	0
Product administration errors and issues		
Accidental overdose	7	0
Contraindicated product administered	1	0
Expired product administered	12	0
Inappropriate schedule of product administration	500	0
Incomplete course of vaccination	1	0
Incorrect dose administered	52	0
Incorrect drug administration rate	1	0
Incorrect product formulation administered	2	0
Incorrect route of product administration	4	0
Lack of vaccination site rotation	1	0
Poor quality product administered	3	0
Product administered at inappropriate site	14	0
Product administered to patient of inappropriate age	1	0
Product administration error	7	0
Product dose omission issue	5	0
Wrong product administered	20	0
Product confusion errors and issues		
Product label confusion	1	0
Product dispensing errors and issues		
Product dispensing error	3	0
Product monitoring errors and issues		
Drug monitoring procedure incorrectly performed	1	0
Product preparation errors and issues		
Product preparation error	2	0
Product preparation issue	5	0
Product prescribing errors and issues		

Case Series Drug Analysis Print

Name: COVID-19 mRNA Pfizer- BioNTech vaccine analysis print

Reaction Name	Total	Fatal
Injuries Injuries cont'd		
Contraindicated product prescribed	2	0
Product prescribing error	1	0
Product selection errors and issues		
Product selection error	2	0
Radiation injuries		
Radiation sickness syndrome	1	0
Sunburn	20	0
Renal and urinary tract injuries NEC		
Bladder injury	1	0
Foreign body in urogenital tract	1	0
Reproductive system and breast injuries		
Penis injury	1	0
Site specific injuries NEC		
Back injury	1	0
Face crushing	2	0
Face injury	1	0
Head injury	33	0
Limb crushing injury	3	0
Limb injury	100	0
Nasal injury	1	0
Neck crushing	1	0
Neck injury	1	0
Skin injuries NEC		
Contusion	1077	0
Nail avulsion	1	0
Scar	21	0
Scratch	7	0
Skin abrasion	6	0
Skin injury	4	0
Skin laceration	2	0
Skin wound	3	0
Splinter	1	0
Subcutaneous haematoma	2	0
Skin procedural complications		
Dermal filler overcorrection	1	0
Recall phenomenon	1	0
Skull fractures, facial bone fractures and dislocations		
Facial bones fracture	1	0
Fractured skull depressed	1	0
Spinal cord injuries NEC		
Spinal cord injury cervical	1	0
Spinal fractures and dislocations		
Spinal fracture	3	0
Stoma complications		
Gastrointestinal stoma complication	2	0
Stoma site discharge	1	0
Stoma site extravasation	1	0
Stoma site haemorrhage	1	0
Thermal burns		
Airway burns	1	0
Burn oesophageal	2	0
Burn of internal organs	2	0
Burn oral cavity	4	0

Case Series Drug Analysis Print

Name: COVID-19 mRNA Pfizer- BioNTech vaccine analysis print

Reaction Name	Total	Fatal
Injuries Injuries cont'd		
Burns second degree	5	0
Burns third degree	2	0
Thermal burn	20	0
Thermal burns of eye	11	0
Underdoses NEC		
Underdose	6	0
Vaccination related complications		
Vaccination complication	45	0
Injuries SOC TOTAL	5625	1

Case Series Drug Analysis Print

Name: COVID-19 mRNA Pfizer- BioNTech vaccine analysis print

Reaction Name	Total	Fatal
Investigations		
<i>Adrenal cortex tests</i>		
Cortisol decreased	4	0
<i>Adrenal medulla tests</i>		
Epinephrine abnormal	1	0
Epinephrine increased	1	0
<i>Auditory and vestibular diagnostic procedures</i>		
Acoustic stimulation tests	5	0
Audiogram abnormal	1	0
<i>Autoimmunity analyses</i>		
Antinuclear antibody	1	0
Antinuclear antibody increased	1	0
Antinuclear antibody positive	2	0
Rheumatoid factor	3	0
<i>Bacteria identification and serology (excl mycobacteria)</i>		
Bacterial test positive	1	0
Klebsiella test positive	1	0
<i>Blood counts NEC</i>		
Blood count	5	0
Blood count abnormal	2	0
<i>Blood gas and acid base analyses</i>		
Acid base balance abnormal	1	0
Blood lactic acid	4	0
Blood lactic acid decreased	1	0
Blood lactic acid increased	4	0
Blood pH	8	0
Blood pH increased	7	0
Oxygen consumption decreased	2	0
Oxygen saturation	9	0
Oxygen saturation decreased	61	0
PO2 decreased	1	0
<i>Bone marrow and immune tissue histopathology procedures</i>		
Aspiration bone marrow	1	0
Biopsy lymph gland	1	0
<i>Bone marrow and immune tissue imaging procedures</i>		
Lymph nodes scan abnormal	1	0
Scan lymph nodes	4	0
<i>Carbohydrate tolerance analyses (incl diabetes)</i>		
Blood glucose	8	0
Blood glucose abnormal	11	0
Blood glucose decreased	28	0
Blood glucose fluctuation	15	0
Blood glucose increased	91	0
Blood glucose normal	1	0
Glycosylated haemoglobin increased	1	0
<i>Cardiac auscultatory investigations</i>		
Cardiac murmur	33	0
Heart sounds	5	0
Heart sounds abnormal	4	0
<i>Cardiac function diagnostic procedures</i>		
Cardiac monitoring	1	0
Cardiac output	1	0
Central venous pressure	1	0
Echocardiogram	1	0

Case Series Drug Analysis Print

Name: COVID-19 mRNA Pfizer- BioNTech vaccine analysis print

Reaction Name	Total	Fatal
Investigations Investigations cont'd		
Ejection fraction decreased	1	0
Myocardial strain	1	0
Stroke volume decreased	1	0
Cardiac imaging procedures		
Magnetic resonance imaging heart	1	0
Scan myocardial perfusion abnormal	1	0
Cell marker analyses		
HLA-B*27 positive	1	0
Prostatic specific antigen increased	2	0
Central nervous system imaging procedures		
Computerised tomogram head	5	0
Magnetic resonance imaging head	12	0
Magnetic resonance imaging head abnormal	1	0
Cerebrospinal fluid tests (excl microbiology)		
CSF pressure	1	0
Chemistry analyses NEC		
Histamine abnormal	1	0
Histamine level	1	0
Histamine level increased	1	0
Inflammatory marker decreased	1	0
Inflammatory marker increased	3	0
Renin	1	0
Cholesterol analyses		
Blood cholesterol increased	7	0
Remnant-like lipoprotein particles	3	0
Coagulation and bleeding analyses		
Activated partial thromboplastin time prolonged	15	0
Activated partial thromboplastin time shortened	1	0
Bleeding time	2	0
Bleeding time abnormal	1	0
Bleeding time prolonged	7	0
Blood thromboplastin	1	0
Clot retraction	2	1
Coagulation factor VIII level decreased	1	0
Coagulation time prolonged	9	0
Coagulation time shortened	4	0
Fibrin D dimer increased	11	0
International normalised ratio abnormal	6	0
International normalised ratio decreased	21	0
International normalised ratio fluctuation	2	0
International normalised ratio increased	49	0
Prothrombin time shortened	1	0
Digestive enzymes		
Amylase increased	1	0
ECG investigations		
Electrocardiogram	5	0
Electrocardiogram QRS complex prolonged	1	0
Electrocardiogram QT prolonged	7	0
Electrocardiogram ST segment depression	2	0
Electrocardiogram ST segment elevation	10	0
Electrocardiogram ST-T segment abnormal	2	0
Electrocardiogram T wave inversion	4	0
Electrocardiogram abnormal	18	0

Case Series Drug Analysis Print

Name: COVID-19 mRNA Pfizer- BioNTech vaccine analysis print

Reaction Name	Total	Fatal
Investigations Investigations cont'd		
Electrocardiogram change	1	0
Electrocardiogram normal	2	0
Electrocardiogram repolarisation abnormality	1	0
QRS axis abnormal	1	0
Endocrine analyses and imaging NEC		
Hormone level abnormal	49	0
Faecal analyses NEC		
Faecal calprotectin	2	0
Faecal calprotectin increased	4	0
Fertility analyses		
Infertility tests	1	0
Semen analysis abnormal	1	0
Sperm concentration	2	0
Sperm concentration decreased	1	0
Foetal and neonatal diagnostic procedures		
Foetal heart rate abnormal	3	2
Foetal heart rate increased	1	0
Foetal monitoring	1	0
Foetal non-stress test	1	0
Gastrointestinal and abdominal imaging procedures		
Computerised tomogram abdomen	1	0
Sigmoidoscopy abnormal	1	0
X-ray with contrast upper gastrointestinal tract	1	0
Gastrointestinal function diagnostic procedures		
Gastric pH decreased	1	0
Gastrointestinal, pancreatic and APUD hormone analyses		
Blood insulin	1	0
Blood insulin decreased	1	0
Haematological analyses NEC		
Blood viscosity abnormal	1	0
Plasma viscosity	1	0
Plasma viscosity abnormal	1	0
Red blood cell sedimentation rate increased	6	0
Heart rate and pulse investigations		
Carotid pulse	1	0
Heart rate	399	0
Heart rate abnormal	54	0
Heart rate decreased	70	0
Heart rate increased	777	0
Heart rate irregular	169	0
Heart rate normal	1	0
Maximum heart rate	2	0
Pulse abnormal	17	0
Pulse pressure increased	1	0
Radial pulse abnormal	1	0
Sinus rhythm	6	0
Imaging procedures NEC		
Computerised tomogram	3	0
Magnetic resonance imaging	4	0
Magnetic resonance imaging abnormal	1	0
Scan	2	0
X-ray	1	0
Immune response protein analyses NEC		

Case Series Drug Analysis Print

Name: COVID-19 mRNA Pfizer- BioNTech vaccine analysis print

Reaction Name	Total	Fatal
Investigations Investigations cont'd		
Cytokine test	1	0
Immunoglobulin analyses		
Blood immunoglobulin G increased	1	0
Blood immunoglobulin M	1	0
Blood immunoglobulin M increased	1	0
Immunoglobulins	1	0
Immunology analyses NEC		
Antibody test	4	0
Immunology test	10	0
Immunology skin tests NEC		
Allergy alert test	1	0
Skin test positive	1	0
Investigations NEC		
Blood test	22	0
Blood test abnormal	45	0
False positive investigation result	1	0
Laboratory test	1	0
Polymerase chain reaction	1	0
Polymerase chain reaction positive	33	0
Quality of life decreased	2	0
Systemic lupus erythematosus disease activity index increased	1	0
Liver function analyses		
Alanine aminotransferase increased	22	0
Aspartate aminotransferase	1	0
Aspartate aminotransferase abnormal	1	0
Aspartate aminotransferase increased	2	0
Blood bilirubin increased	3	0
Gamma-glutamyltransferase increased	4	0
Hepatic enzyme increased	6	0
Liver function test	1	0
Liver function test abnormal	27	0
Liver function test increased	24	0
Transaminases increased	5	0
Metabolism tests NEC		
Blood ketone body	3	0
Blood ketone body increased	1	0
Blood ketone body present	1	0
Blood uric acid increased	2	0
Brain natriuretic peptide increased	1	0
Ubiquinone	1	0
Urine ketone body present	1	0
Microbiology and serology tests NEC		
Culture negative	1	0
Culture urine	1	0
Mineral and electrolyte analyses		
Blood copper increased	1	0
Blood iron	2	0
Blood iron decreased	9	0
Blood magnesium decreased	1	0
Blood phosphorus decreased	1	0
Blood phosphorus increased	1	0
Blood potassium abnormal	1	0
Blood potassium decreased	4	0

Case Series Drug Analysis Print

Name: COVID-19 mRNA Pfizer- BioNTech vaccine analysis print

Reaction Name	Total	Fatal
Investigations		
Investigations cont'd		
Blood potassium increased	3	0
Blood sodium decreased	10	0
Serum ferritin	1	0
Serum ferritin decreased	4	0
Serum ferritin increased	1	0
Sweat test	1	0
Urine copper	1	0
Musculoskeletal and soft tissue imaging procedures		
Skull X-ray	6	0
Musculoskeletal and soft tissue tests NEC		
Swollen joint count increased	1	0
Mycobacteria identification and serology		
Tuberculin test positive	1	0
Neurologic diagnostic procedures		
Coma scale abnormal	4	0
Hoover's sign of leg paresis	1	0
Joint position sense decreased	1	0
Lumbar puncture	7	0
Temperature perception test abnormal	1	0
Temperature perception test increased	1	0
Ophthalmic function diagnostic procedures		
Corneal reflex decreased	1	0
Intraocular pressure increased	7	0
Intraocular pressure test	1	0
Physical examination procedures and organ system status		
Body temperature	229	0
Body temperature abnormal	39	0
Body temperature decreased	38	0
Body temperature fluctuation	44	0
Body temperature increased	371	0
Body temperature normal	1	0
Breath sounds abnormal	2	0
General physical condition abnormal	1	0
Grip strength	2	0
Grip strength decreased	21	0
Head lag	6	0
Lymph node palpable	38	0
Menstruation normal	2	0
Muscle strength abnormal	1	0
Ophthalmological examination	2	0
Orthopaedic examination	1	0
Palpatory finding abnormal	2	0
Product residue present	2	0
Psoriasis area severity index decreased	2	0
Respiratory rate	9	0
Respiratory rate decreased	18	0
Respiratory rate increased	34	0
Skin temperature	38	0
Temperature difference of extremities	9	0
Weight	1	0
Weight decreased	94	0
Weight increased	34	0
Pituitary analyses anterior		

Case Series Drug Analysis Print

Name: COVID-19 mRNA Pfizer- BioNTech vaccine analysis print

Reaction Name	Total	Fatal
Investigations		
Investigations cont'd		
Blood corticotrophin	1	0
Blood follicle stimulating hormone increased	1	0
Blood growth hormone	3	0
Blood prolactin	2	0
Blood prolactin increased	2	0
Blood thyroid stimulating hormone decreased	2	0
Blood thyroid stimulating hormone increased	4	0
Platelet analyses		
Mean platelet volume decreased	1	0
Mean platelet volume increased	1	0
Platelet count	3	0
Platelet count decreased	68	0
Platelet count increased	4	0
Protein analyses NEC		
Alpha 1 globulin decreased	1	0
Alpha 2 globulin decreased	1	0
C-reactive protein increased	18	0
Red blood cell analyses		
Haematocrit	1	0
Haematocrit decreased	1	0
Haematocrit increased	1	0
Haemoglobin	2	0
Haemoglobin decreased	12	0
Haemoglobin increased	1	0
Red blood cell count decreased	2	0
Red blood cell rouleaux formation present	1	0
Renal function analyses		
Blood creatinine increased	2	0
Glomerular filtration rate decreased	3	0
Reproductive hormone analyses		
Blood oestrogen decreased	2	0
Blood testosterone decreased	1	0
Blood testosterone increased	1	0
False negative pregnancy test	7	0
Female sex hormone level	3	0
Human chorionic gonadotropin increased	1	0
Pregnancy test	18	0
Pregnancy test false positive	1	0
Pregnancy test positive	1	0
Reproductive organ and breast histopathology procedures		
Biopsy endometrium	1	0
Smear cervix	2	0
Reproductive organ and breast imaging procedures		
Breast scan	1	0
Hysteroscopy	2	0
Respiratory and pulmonary function diagnostic procedures		
Forced expiratory volume increased	2	0
Fractional exhaled nitric oxide normal	1	0
Maximal voluntary ventilation	1	0
Peak expiratory flow rate	1	0
Peak expiratory flow rate decreased	4	0
Pulmonary function test	3	0
Total lung capacity decreased	3	0

Case Series Drug Analysis Print

Name: COVID-19 mRNA Pfizer- BioNTech vaccine analysis print

Reaction Name	Total	Fatal
Investigations Investigations cont'd		
Vital capacity	1	0
Respiratory tract and thoracic histopathology procedures		
Sputum abnormal	3	0
Respiratory tract and thoracic imaging procedures		
Chest X-ray	18	0
Chest X-ray abnormal	1	0
Chest X-ray normal	2	0
Chest scan	2	0
Computerised tomogram thorax	1	0
Skeletal and cardiac muscle analyses		
Blood creatine phosphokinase increased	5	0
Muscle enzyme	1	0
Myocardial necrosis marker	1	0
Myocardial necrosis marker increased	2	0
Troponin I increased	1	0
Troponin T increased	1	0
Troponin increased	13	0
Therapeutic drug monitoring analyses		
Analgesic drug level	4	0
Anticoagulation drug level above therapeutic	1	0
Anticoagulation drug level below therapeutic	5	0
Anticoagulation drug level increased	1	0
Drug level decreased	1	0
Thyroid analyses		
Anti-thyroid antibody	1	0
Thyroid function test abnormal	4	0
Thyroxine free increased	2	0
Tri-iodothyronine	1	0
Tri-iodothyronine decreased	6	0
Tissue enzyme analyses NEC		
Blood alkaline phosphatase increased	4	0
Enzyme level increased	1	0
Toxicology laboratory analyses		
Blood caffeine decreased	1	0
Blood lead	1	0
Drug screen positive	2	0
Opiates	1	0
Urinalysis NEC		
Blood urine	14	0
Blood urine present	47	0
Cells in urine	1	0
Glucose urine present	1	0
Protein urine absent	1	0
Urine analysis abnormal	6	0
Urine uric acid increased	1	0
pH urine	5	0
pH urine increased	2	0
Urinary tract function analyses NEC		
Urine output	13	0
Urine output decreased	12	0
Urine output increased	6	0
Urinary tract histopathology procedures		
Urine cytology	1	0

Case Series Drug Analysis Print

Name: COVID-19 mRNA Pfizer- BioNTech vaccine analysis print

Reaction Name	Total	Fatal
Investigations Investigations cont'd		
Urinary tract imaging procedures		
Cystoscopy	2	0
Ultrasound kidney normal	1	0
Vascular imaging procedures NEC		
Venogram	2	0
Vascular tests NEC (incl blood pressure)		
Blood pressure abnormal	7	0
Blood pressure decreased	67	0
Blood pressure diastolic	2	0
Blood pressure diastolic decreased	1	0
Blood pressure diastolic increased	2	0
Blood pressure increased	204	0
Blood pressure measurement	34	0
Blood pressure normal	2	0
Blood pressure systolic	1	0
Blood pressure systolic decreased	3	0
Blood pressure systolic increased	1	0
Virus identification and serology		
Coronavirus test	11	0
Coronavirus test positive	4	0
Epstein-Barr virus test positive	1	0
HIV test	1	0
SARS-CoV-1 test	1	0
SARS-CoV-1 test positive	1	0
SARS-CoV-2 antibody test	13	0
SARS-CoV-2 antibody test negative	14	0
SARS-CoV-2 antibody test positive	4	0
SARS-CoV-2 test	32	0
SARS-CoV-2 test false negative	3	0
SARS-CoV-2 test false positive	4	0
SARS-CoV-2 test negative	8	0
SARS-CoV-2 test positive	96	0
Viral test	4	0
Viral test positive	1	0
Vitamin analyses		
Blood folate decreased	6	0
Vitamin B12	1	0
Vitamin B12 abnormal	2	0
Vitamin B12 decreased	2	0
Vitamin D	2	0
Vitamin D decreased	3	0
Water and electrolyte analyses NEC		
Urine osmolality	1	0
Volume blood	1	0
White blood cell analyses		
Eosinophil count	1	0
Eosinophil count decreased	1	0
Eosinophil count increased	3	0
Lymphocyte count	2	0
Lymphocyte count decreased	3	0
Monocyte count increased	1	0
Neutrophil count	2	0
Neutrophil count decreased	8	0

Case Series Drug Analysis Print

Name: COVID-19 mRNA Pfizer- BioNTech vaccine analysis print

Reaction Name	Total	Fatal
Investigations Investigations cont'd		
Neutrophil count increased	3	0
White blood cell count	3	0
White blood cell count decreased	9	0
White blood cell count increased	10	0
Investigations SOC TOTAL	4489	3

Case Series Drug Analysis Print

Name: COVID-19 mRNA Pfizer- BioNTech vaccine analysis print

Reaction Name	Total	Fatal
Metabolic disorders		
<i>Appetite disorders</i>		
Appetite disorder	15	0
Decreased appetite	1046	0
Diet refusal	1	0
Eating disorder symptom	2	0
Food craving	11	0
Food refusal	13	0
Hyperphagia	13	0
Hypophagia	17	0
Increased appetite	30	0
Salt craving	2	0
<i>Calcium metabolism disorders</i>		
Hypocalcaemia	3	0
Tetany	3	0
<i>Diabetes mellitus (incl subtypes)</i>		
Diabetes mellitus	43	0
Diabetes mellitus inadequate control	14	1
Increased insulin requirement	2	0
Insulin resistant diabetes	1	0
Latent autoimmune diabetes in adults	2	0
Type 1 diabetes mellitus	15	0
Type 2 diabetes mellitus	4	0
<i>Diabetic complications NEC</i>		
Diabetic complication	2	0
Diabetic ketoacidosis	11	0
Diabetic ketosis	1	0
<i>Disorders of purine metabolism</i>		
Gout	84	0
<i>Electrolyte imbalance NEC</i>		
Electrolyte imbalance	1	0
Fluid imbalance	1	0
<i>Fat soluble vitamin deficiencies and disorders</i>		
Vitamin D deficiency	4	0
<i>Fluid intake increased</i>		
Polydipsia	6	0
<i>Food malabsorption and intolerance syndromes (excl sugar intolerance)</i>		
Alcohol intolerance	3	0
Breast milk substitute intolerance	1	0
Dairy intolerance	3	0
Food intolerance	15	0
Gluten sensitivity	6	0
Histamine intolerance	4	0
<i>General nutritional disorders NEC</i>		
Abnormal loss of weight	16	0
Abnormal weight gain	19	0
Cachexia	1	0
Feeding disorder	66	0
Food aversion	8	0
Malnutrition	1	0
Neonatal insufficient breast milk syndrome	2	0
Obesity	1	0
Overweight	1	0
Poor feeding infant	15	0

Case Series Drug Analysis Print

Name: COVID-19 mRNA Pfizer- BioNTech vaccine analysis print

Reaction Name	Total	Fatal
Metabolic disorders Metabolic disorders cont'd		
Weight loss poor	3	0
Hyperglycaemic conditions NEC		
Glucose tolerance impaired	1	0
Hyperglycaemia	62	0
Insulin resistance	4	0
Hypoglycaemic conditions NEC		
Glycopenia	1	0
Hypoglycaemia	72	0
Hypoglycaemia unawareness	1	0
Postprandial hypoglycaemia	1	0
Iron deficiencies		
Iron deficiency	11	0
Iron excess		
Haemochromatosis	1	0
Iron overload	1	0
Lipid metabolism and deposit disorders NEC		
Body fat disorder	1	0
Metabolic acidoses (excl diabetic acidoses)		
Ketoacidosis	5	1
Lactic acidosis	2	0
Metabolic acidosis	2	0
Metabolic disorders NEC		
Metabolic disorder	1	0
Mixed acid-base disorders		
Acidosis	3	0
Potassium imbalance		
Hyperkalaemia	5	0
Hypokalaemia	3	0
Hypokalaemic syndrome	1	0
Sodium imbalance		
Hyponatraemia	8	0
Hyponatraemic syndrome	3	0
Salt intoxication	1	0
Sugar intolerance (excl glucose intolerance)		
Lactose intolerance	2	0
Total fluid volume decreased		
Dehydration	182	0
Total fluid volume increased		
Fluid overload	2	0
Fluid retention	48	0
Hypervolaemia	1	0
Vitamin deficiencies NEC		
Hypovitaminosis	5	0
Water soluble vitamin deficiencies		
Folate deficiency	4	0
Vitamin B12 deficiency	5	0
Metabolic disorders SOC TOTAL	1951	2

Case Series Drug Analysis Print

Name: COVID-19 mRNA Pfizer- BioNTech vaccine analysis print

Reaction Name	Total	Fatal
Muscle & tissue disorders		
<i>Arthropathies NEC</i>		
Arthritis	256	0
Arthropathy	25	0
Autoimmune arthritis	7	0
Haemarthrosis	5	0
Joint microhaemorrhage	1	0
Palindromic rheumatism	1	0
Polyarthritis	15	0
Rheumatic fever	2	0
Sacroiliitis	5	0
Seronegative arthritis	2	0
<i>Bone disorders NEC</i>		
Bone cyst	1	0
Exostosis	1	0
Jaw disorder	4	0
Medial tibial stress syndrome	4	0
Osteitis	6	0
Osteonecrosis	1	0
Osteonecrosis of jaw	3	0
Spinal disorder	1	0
<i>Bone related signs and symptoms</i>		
Bone pain	322	0
Bone swelling	8	0
Coccydynia	3	0
Metatarsalgia	1	0
Pain in jaw	333	0
Pubic pain	2	0
Spinal pain	65	0
<i>Bursal disorders</i>		
Bursitis	62	0
<i>Cartilage disorders</i>		
Chondritis	1	0
Costochondritis	77	0
Osteochondritis	1	0
Polychondritis	3	0
<i>Connective tissue disorders NEC</i>		
Connective tissue disorder	1	0
Polymyalgia rheumatica	53	0
Reynold's syndrome	1	0
Sjogren's syndrome	5	0
Systemic scleroderma	1	0
<i>Crystal arthropathic disorders</i>		
Chondrocalcinosis pyrophosphate	2	0
Crystal arthropathy	1	0
<i>Epiphyseal disorders</i>		
Epiphyses premature fusion	1	0
<i>Extremity deformities</i>		
Bone deformity	1	0
Finger deformity	2	0
Foot deformity	1	0
Hand deformity	2	0
Knee deformity	1	0
Limb deformity	4	0

Case Series Drug Analysis Print

Name: COVID-19 mRNA Pfizer- BioNTech vaccine analysis print

Reaction Name	Total	Fatal
Muscle & tissue disorders		
Musculoskeletal deformity	1	0
Fractures NEC		
Osteoporotic fracture	1	0
Intervertebral disc disorders NEC		
Intervertebral disc protrusion	3	0
Joint related disorders NEC		
Chondromalacia	1	0
Hypermobility syndrome	1	0
Joint deposit	1	0
Joint destruction	1	0
Joint instability	1	0
Joint laxity	3	0
Joint lock	23	0
Patellofemoral pain syndrome	1	0
Periarthritis	151	0
Rotator cuff syndrome	28	0
Temporomandibular joint syndrome	8	0
Joint related signs and symptoms		
Arthralgia	7897	0
Jaw clicking	6	0
Joint effusion	15	0
Joint noise	32	0
Joint range of motion decreased	29	0
Joint stiffness	214	0
Joint swelling	473	0
Joint vibration	3	0
Joint warmth	14	0
Loose body in joint	1	0
Ligament disorders		
Ligament pain	2	0
Symphysiolysis	1	0
Lupus erythematosus (incl subtypes)		
Lupus-like syndrome	1	0
Systemic lupus erythematosus	19	0
Metabolic bone disorders		
Osteopenia	3	0
Osteoporosis	3	0
Muscle infections and inflammations		
Antisynthetase syndrome	3	0
Immune-mediated myositis	1	0
Myositis	31	0
Polymyositis	8	0
Muscle pains		
Fibromyalgia	99	0
Myalgia	9536	0
Myalgia intercostal	1	0
Myofascial pain syndrome	11	0
Muscle related signs and symptoms NEC		
Haematoma muscle	1	0
Muscle atrophy	20	0
Muscle discomfort	5	0
Muscle disorder	6	0
Muscle fatigue	310	0

Case Series Drug Analysis Print

Name: COVID-19 mRNA Pfizer- BioNTech vaccine analysis print

Reaction Name	Total	Fatal
Muscle & tissue disorders		
Muscle & tissue disorders cont'd		
Muscle haemorrhage	1	0
Muscle mass	4	0
Muscle oedema	1	0
Muscle spasms	1869	0
Muscle swelling	29	0
Muscle tightness	79	0
Muscle twitching	437	0
Muscle tone abnormalities		
Muscle rigidity	14	0
Nuchal rigidity	10	0
Torticollis	6	0
Trismus	30	0
Muscle weakness conditions		
Muscular weakness	823	0
Musculoskeletal and connective tissue conditions NEC		
Back disorder	2	0
Chest wall mass	1	0
Growth disorder	2	0
Limb mass	20	0
Mandibular mass	2	0
Mastication disorder	4	0
Mobility decreased	100	0
Musculoskeletal disorder	11	0
Musculoskeletal stiffness	1114	0
Posture abnormal	1	0
Sacroiliac joint dysfunction	1	0
Weight bearing difficulty	3	0
Musculoskeletal and connective tissue deformities of skull, face and buccal cavity		
Head deformity	2	0
Musculoskeletal and connective tissue infections and inflammations NEC		
Dactylitis	2	0
Dupuytren's contracture	1	0
Fasciitis	1	0
Plantar fasciitis	8	0
Musculoskeletal and connective tissue pain and discomfort		
Back pain	2122	0
Flank pain	60	0
Limb discomfort	1345	0
Musculoskeletal chest pain	203	0
Musculoskeletal discomfort	87	0
Musculoskeletal pain	41	0
Neck pain	1669	0
Pain in extremity	11245	1
Rheumatic disorder	14	0
Myopathies		
Myopathy	6	0
Rhabdomyolysis	11	0
Osteoarthropathies		
Nodal osteoarthritis	1	0
Osteoarthritis	40	0
Spinal osteoarthritis	1	0
Psoriatic arthropathies		

Case Series Drug Analysis Print

Name: COVID-19 mRNA Pfizer- BioNTech vaccine analysis print

Reaction Name	Total	Fatal
Muscle & tissue disorders		
Muscle & tissue disorders cont'd		
Psoriatic arthropathy	16	0
Rheumatoid arthropathies		
Juvenile idiopathic arthritis	1	0
Rheumatoid arthritis	104	0
Still's disease	2	0
Soft tissue disorders NEC		
Axillary mass	217	0
Fluctuance	1	0
Groin pain	98	0
Neck mass	29	0
Purple glove syndrome	1	0
Soft tissue disorder	3	0
Soft tissue swelling	6	0
Spine and neck deformities		
Kyphosis	2	0
Lordosis	1	0
Neck deformity	1	0
Scoliosis	1	0
Spinal stenosis	1	0
Spondyloarthropathies		
Ankylosing spondylitis	6	0
Arthritis reactive	40	0
Spondylitis	2	0
Spondyloarthropathy	1	0
Synovial disorders		
Synovial cyst	18	0
Synovitis	10	0
Tendon disorders		
Enthesopathy	2	0
Posterior tibial tendon dysfunction	1	0
Tendon disorder	5	0
Tendon pain	20	0
Tendonitis	37	0
Tenosynovitis	2	0
Tenosynovitis stenosis	2	0
Trigger finger	26	0
Trunk deformities		
Drooping shoulder syndrome	1	0
Shoulder deformity	2	0
Muscle & tissue disorders SOC TOTAL	42345	1

Case Series Drug Analysis Print

Name: COVID-19 mRNA Pfizer- BioNTech vaccine analysis print

Reaction Name	Total	Fatal
Neoplasms		
<i>B-cell lymphomas NEC</i>		
B-cell lymphoma	1	1
Follicular lymphoma	3	0
<i>Bone neoplasms malignant (excl sarcomas)</i>		
Bone cancer	1	1
<i>Bone neoplasms unspecified malignancy</i>		
Bone neoplasm	1	0
<i>Breast and nipple neoplasms benign</i>		
Benign breast neoplasm	1	0
<i>Breast and nipple neoplasms malignant</i>		
Breast cancer	33	0
Breast cancer female	1	0
Breast cancer male	1	0
Breast cancer stage I	1	0
Breast cancer stage III	3	0
Invasive ductal breast carcinoma	1	0
Triple negative breast cancer	2	0
<i>Cardiovascular neoplasms benign</i>		
Haemangioma	1	0
Pericardial lipoma	1	0
<i>Cervix neoplasms malignant</i>		
Cervix carcinoma	1	0
<i>Colorectal neoplasms malignant</i>		
Colon cancer	1	0
Colorectal cancer	1	0
Rectal cancer	2	0
<i>Endocrine neoplasms malignant and unspecified NEC</i>		
Neuroendocrine tumour	1	0
Thyroid neoplasm	1	0
<i>Endometrial neoplasms malignant</i>		
Endometrial cancer	1	0
<i>Follicular lymphomas</i>		
Primary gastrointestinal follicular lymphoma	1	0
<i>Gastric neoplasms malignant</i>		
Gastric cancer	1	1
<i>Gastrointestinal neoplasms malignant NEC</i>		
Gastrointestinal carcinoma	3	0
<i>Hepatobiliary neoplasms malignancy unspecified</i>		
Hepatic neoplasm	1	0
<i>Hodgkin's disease NEC</i>		
Hodgkin's disease	5	0
<i>Islet cell neoplasms and APUDoma NEC</i>		
Pancreatic neuroendocrine tumour	1	0
<i>Leukaemias NEC</i>		
Leukaemia	4	1
<i>Leukaemias acute NEC</i>		
Acute leukaemia	2	0
<i>Leukaemias chronic NEC</i>		
Chronic leukaemia	1	0
<i>Leukaemias chronic lymphocytic</i>		
Chronic lymphocytic leukaemia	3	0
<i>Leukaemias chronic myeloid</i>		
Chronic myeloid leukaemia	1	0

Case Series Drug Analysis Print

Name: COVID-19 mRNA Pfizer- BioNTech vaccine analysis print

Reaction Name	Total	Fatal
Neoplasms Neoplasms cont'd		
<i>Lip and oral cavity neoplasms malignant</i>		
Lip and/or oral cavity cancer recurrent	1	0
<i>Lymphomas unspecified NEC</i>		
Lymphoma	30	1
<i>Metastases to specified sites</i>		
Metastases to liver	1	0
Metastases to lymph nodes	5	0
<i>Metastases to unknown and unspecified sites</i>		
Metastasis	1	0
<i>Mycoses fungoides</i>		
Cutaneous T-cell lymphoma	1	0
<i>Myelodysplastic syndromes</i>		
Myelodysplastic syndrome	3	0
<i>Myeloproliferative disorders (excl leukaemias)</i>		
Essential thrombocythaemia	1	0
<i>Neoplasms benign site unspecified NEC</i>		
Adenoma benign	1	0
<i>Neoplasms malignant site unspecified NEC</i>		
Adenocarcinoma metastatic	1	0
Metastatic neoplasm	2	0
Neoplasm malignant	7	0
Second primary malignancy	1	0
Squamous cell carcinoma	5	0
<i>Neoplasms unspecified malignancy and site unspecified NEC</i>		
Neoplasm	1	0
Neoplasm recurrence	1	0
<i>Nervous system neoplasms benign NEC</i>		
Cranial nerve neoplasm benign	1	0
Neurilemmoma benign	1	0
<i>Nervous system neoplasms unspecified malignancy NEC</i>		
Brain neoplasm	2	0
Spinal cord neoplasm	1	0
<i>Neuromas</i>		
Acoustic neuroma	2	0
<i>Non-Hodgkin's lymphomas NEC</i>		
Non-Hodgkin's lymphoma	2	0
<i>Ocular neoplasms benign</i>		
Eye naevus	1	0
<i>Oesophageal neoplasms malignant</i>		
Oesophageal cancer metastatic	4	0
<i>Oncologic complications and emergencies</i>		
Cancer pain	1	0
Tumour haemorrhage	1	0
<i>Oropharyngeal, nasopharyngeal and tonsillar neoplasms malignant and unspecified</i>		
Tonsil cancer	3	0
<i>Ovarian neoplasms malignant (excl germ cell)</i>		
Ovarian cancer	1	0
<i>Pancreatic neoplasms malignant (excl islet cell and carcinoid)</i>		
Pancreatic carcinoma	4	0
<i>Plasma cell myelomas</i>		
POEMS syndrome	1	0
Plasma cell myeloma	1	0

Case Series Drug Analysis Print

Name: COVID-19 mRNA Pfizer- BioNTech vaccine analysis print

Reaction Name	Total	Fatal
Neoplasms Neoplasms cont'd		
Plasma cell neoplasms NEC		
TEMPI syndrome	1	0
Prostatic neoplasms malignant		
Prostate cancer	3	0
Renal neoplasms malignant		
Renal cancer	2	0
Reproductive neoplasms female benign NEC		
Benign hydatidiform mole	1	0
Respiratory tract and pleural neoplasms malignant cell type unspecified NEC		
Bronchial carcinoma	1	0
Lung neoplasm malignant	9	0
Skin melanomas (excl ocular)		
Malignant melanoma	1	0
Skin neoplasms benign		
Acrochordon	3	0
Anogenital warts	7	0
Haemangioma of skin	4	0
Melanocytic naevus	6	0
Pyogenic granuloma	1	0
Skin papilloma	17	0
Skin neoplasms malignant and unspecified (excl melanoma)		
Basal cell carcinoma	2	0
Bowen's disease	1	0
Neoplasm skin	2	0
Squamous cell carcinoma of skin	1	0
Soft tissue neoplasms benign NEC		
Lipoma	6	0
Lymphangioma	1	0
Soft tissue sarcomas histology unspecified		
Sarcoma	1	0
Thyroid neoplasms malignant		
Papillary thyroid cancer	2	0
Thyroid cancer	1	0
Uterine neoplasms benign		
Uterine leiomyoma	10	0
Neoplasms SOC TOTAL	253	5

Case Series Drug Analysis Print

Name: COVID-19 mRNA Pfizer- BioNTech vaccine analysis print

Reaction Name	Total	Fatal
Nervous system disorders		
<i>Abnormal reflexes</i>		
Areflexia	7	0
Extensor plantar response	2	0
Hoffmann's sign	1	0
Hyperreflexia	4	0
Hyporeflexia	7	0
Reflexes abnormal	2	0
<i>Abnormal sleep-related events</i>		
Sleep paralysis	25	0
<i>Absence seizures</i>		
Petit mal epilepsy	25	0
<i>Acute polyneuropathies</i>		
Acute motor axonal neuropathy	1	0
Guillain-Barre syndrome	62	1
Miller Fisher syndrome	1	0
Subacute inflammatory demyelinating polyneuropathy	1	0
<i>Autonomic nervous system disorders</i>		
Anticholinergic syndrome	1	0
Autonomic nervous system imbalance	9	0
Autonomic neuropathy	2	0
Horner's syndrome	1	0
<i>Central nervous system aneurysms and dissections</i>		
Carotid artery dissection	1	0
Intracranial aneurysm	2	1
<i>Central nervous system haemorrhages and cerebrovascular accidents</i>		
Brain stem haemorrhage	1	1
Brain stem infarction	1	1
Brain stem stroke	1	0
Carotid artery occlusion	1	0
Carotid artery thrombosis	3	0
Cerebellar haemorrhage	2	0
Cerebellar infarction	3	0
Cerebellar ischaemia	1	0
Cerebellar stroke	8	1
Cerebral artery embolism	3	1
Cerebral artery occlusion	2	0
Cerebral artery thrombosis	3	0
Cerebral haemorrhage	44	8
Cerebral infarction	25	1
Cerebral thrombosis	13	0
Cerebrovascular accident	358	15
Embolic stroke	6	0
Haemorrhage intracranial	9	2
Haemorrhagic cerebral infarction	1	0
Haemorrhagic stroke	10	3
Internal capsule infarction	1	0
Intracranial haematoma	1	0
Ischaemic cerebral infarction	1	0
Ischaemic stroke	45	3
Lacunar infarction	2	0
Lacunar stroke	3	0
Lateral medullary syndrome	1	0
Pseudostroke	1	0

Case Series Drug Analysis Print

Name: COVID-19 mRNA Pfizer- BioNTech vaccine analysis print

Reaction Name	Total	Fatal
Nervous system disorders		
<i>Nervous system disorders cont'd</i>		
Subarachnoid haemorrhage	14	6
Thalamic infarction	1	0
Thrombotic stroke	3	1
Central nervous system inflammatory disorders NEC		
Arachnoiditis	1	0
Gliosis	1	0
Central nervous system vascular disorders NEC		
Brain hypoxia	2	1
Carotid arteriosclerosis	1	0
Central nervous system vasculitis	1	0
Cerebral amyloid angiopathy	1	0
Cerebral congestion	3	0
Cerebral small vessel ischaemic disease	1	0
Cerebrovascular disorder	2	0
Post cardiac arrest syndrome	1	0
Reversible cerebral vasoconstriction syndrome	1	0
Cerebrovascular venous and sinus thrombosis		
Cerebral venous sinus thrombosis	47	4
Cerebral venous thrombosis	5	0
Superior sagittal sinus thrombosis	6	0
Transverse sinus thrombosis	1	0
Cervical spinal cord and nerve root disorders		
Cervical radiculopathy	1	0
Cervicobrachial syndrome	3	0
Choreiform movements		
Chorea	2	0
Chronic polyneuropathies		
Demyelinating polyneuropathy	1	0
Coma states		
Coma	13	0
Diabetic coma	1	0
Hypoglycaemic coma	1	0
Coordination and balance disturbances		
Ataxia	12	0
Balance disorder	349	0
Cerebellar ataxia	1	0
Coordination abnormal	49	0
Dysdiadochokinesis	1	0
Dysstasia	52	0
Nystagmus	11	0
Cortical dysfunction NEC		
Alexia	2	0
Aphasia	78	0
Apraxia	1	0
Dysgraphia	1	0
Dyslexia	1	0
Dyspraxia	1	0
Neurologic neglect syndrome	1	0
Sensory processing disorder	2	0
Visuospatial deficit	1	0
Cranial nerve disorders NEC		
Cranial nerve disorder	2	0
Cranial nerve paralysis	1	0

Case Series Drug Analysis Print

Name: COVID-19 mRNA Pfizer- BioNTech vaccine analysis print

Reaction Name	Total	Fatal
Nervous system disorders		
<i>Nervous system disorders cont'd</i>		
<i>Dementia (excl Alzheimer's type)</i>		
Dementia	16	0
Dementia with Lewy bodies	1	0
Senile dementia	1	0
<i>Demyelinating disorders NEC</i>		
Acute disseminated encephalomyelitis	6	0
Clinically isolated syndrome	1	0
Demyelination	8	0
Neuromyelitis optica spectrum disorder	2	0
<i>Disturbances in consciousness NEC</i>		
Altered state of consciousness	11	0
Consciousness fluctuating	2	0
Depressed level of consciousness	42	0
Infant sedation	1	0
Lethargy	2022	0
Loss of consciousness	578	0
Postictal state	4	0
Sedation	8	0
Somnolence	913	0
Stupor	4	0
Syncope	1934	0
<i>Disturbances in sleep phase rhythm</i>		
Circadian rhythm sleep disorder	1	0
Irregular sleep phase	2	0
Irregular sleep wake rhythm disorder	1	0
<i>Dyskinesias and movement disorders NEC</i>		
Akathisia	5	0
Bradykinesia	18	0
Clumsiness	19	0
Dyskinesia	60	0
Extrapyramidal disorder	2	0
Fine motor skill dysfunction	11	0
Foetal movement disorder	4	0
Hyperkinesia	3	0
Hypokinesia	65	0
Motor dysfunction	2	0
Movement disorder	50	0
Psychomotor hyperactivity	22	0
Synkinesis	2	0
Tardive dyskinesia	2	0
<i>Dystonias</i>		
Dystonia	15	0
Writer's cramp	1	0
<i>Encephalitis NEC</i>		
Encephalitis autoimmune	1	0
Limbic encephalitis	1	0
Noninfective encephalitis	5	0
<i>Encephalopathies NEC</i>		
Autoimmune encephalopathy	1	1
Encephalopathy	4	0
Hashimoto's encephalopathy	1	0
Posterior reversible encephalopathy syndrome	1	0
<i>Eye movement disorders</i>		

Case Series Drug Analysis Print

Name: COVID-19 mRNA Pfizer- BioNTech vaccine analysis print

Reaction Name	Total	Fatal
Nervous system disorders		
Nervous system disorders cont'd		
IIIrd nerve disorder	1	0
IIIrd nerve paralysis	6	0
IVth nerve paralysis	1	0
Microvascular cranial nerve palsy	1	0
VIth nerve disorder	1	0
VIth nerve paralysis	10	0
Facial cranial nerve disorders		
Bell's palsy	460	0
Facial nerve disorder	8	0
Facial paralysis	354	0
Facial paresis	87	0
Facial spasm	46	0
Generalised tonic-clonic seizures		
Generalised tonic-clonic seizure	48	0
Headaches NEC		
Cervicogenic headache	3	0
Cluster headache	204	0
Cold-stimulus headache	22	0
Drug withdrawal headache	2	0
Exertional headache	8	0
External compression headache	2	0
Headache	23574	0
Medication overuse headache	2	0
New daily persistent headache	4	0
Occipital neuralgia	11	0
Ophthalmoplegic migraine	1	0
Primary cough headache	4	0
Primary headache associated with sexual activity	6	0
Sinus headache	319	0
Tension headache	510	0
Thunderclap headache	11	0
Vascular headache	15	0
Hydrocephalic conditions		
Hydrocephalus	2	0
Hypoglossal nerve disorders		
Tongue paralysis	1	0
Increased intracranial pressure disorders		
Brain compression	1	0
Brain oedema	7	2
Idiopathic intracranial hypertension	6	0
Intracranial pressure increased	1	0
Intellectual disabilities		
Intellectual disability	3	0
Lumbar spinal cord and nerve root disorders		
Sciatica	82	0
Memory loss (excl dementia)		
Amnesia	170	0
Memory impairment	173	0
Transient global amnesia	9	0
Mental impairment (excl dementia and memory loss)		
Cognitive disorder	79	0
Cognitive linguistic deficit	1	0
Disturbance in attention	291	0

Case Series Drug Analysis Print

Name: COVID-19 mRNA Pfizer- BioNTech vaccine analysis print

Reaction Name	Total	Fatal
Nervous system disorders		
Nervous system disorders cont'd		
Mental impairment	45	0
Migraine headaches		
Hemiplegic migraine	29	0
Migraine	2703	0
Migraine with aura	173	0
Migraine without aura	17	0
Ophthalmic migraine	5	0
Retinal migraine	31	0
Typical aura without headache	7	0
Vestibular migraine	18	0
Mixed cranial nerve disorders		
Bulbar palsy	2	0
Mononeuropathies		
Carpal tunnel syndrome	22	0
Cubital tunnel syndrome	2	0
Meralgia paraesthetica	1	0
Mononeuritis	2	0
Mononeuropathy	4	0
Nerve compression	23	0
Peripheral nerve lesion	1	0
Peroneal nerve palsy	14	0
Sciatic nerve neuropathy	2	0
Ulnar nerve palsy	2	0
Ulnar neuritis	1	0
Ulnar tunnel syndrome	2	0
Motor neurone diseases		
Lower motor neurone lesion	1	0
Motor neurone disease	1	0
Multiple sclerosis acute and progressive		
Band sensation	1	0
Multiple sclerosis	28	0
Multiple sclerosis relapse	20	0
Tumefactive multiple sclerosis	1	1
Muscle tone abnormal		
Drop attacks	1	0
Hypertonia	2	0
Hypotonia	26	0
Morvan syndrome	1	0
Muscle tone disorder	1	0
Serotonin syndrome	1	0
Stiff leg syndrome	1	0
Myelitis (incl infective)		
Myelitis transverse	25	0
Narcolepsy and hypersomnia		
Cataplexy	3	0
Hypersomnia	101	0
Narcolepsy	7	0
Nervous system disorders NEC		
Central nervous system lesion	2	0
Cerebral disorder	1	0
Nervous system disorder	14	0
Neurotoxicity	4	0
Neurologic visual problems NEC		

Case Series Drug Analysis Print

Name: COVID-19 mRNA Pfizer- BioNTech vaccine analysis print

Reaction Name	Total	Fatal
Nervous system disorders		
Nervous system disorders cont'd		
Hemianopia	1	0
Hemianopia homonymous	2	0
Quadrantanopia	1	0
Tunnel vision	18	0
Neurological signs and symptoms NEC		
Agitation neonatal	1	0
Clonus	4	0
Decerebrate posture	1	0
Decorticate posture	1	0
Dizziness	8942	0
Dizziness exertional	40	0
Dizziness postural	668	0
Drooling	22	0
Fontanelle bulging	2	0
Head discomfort	311	0
Hyporesponsive to stimuli	2	0
Inability to crawl	2	0
Infant irritability	10	0
Myoclonus	27	0
Neurological symptom	42	0
Patient elopement	1	0
Persistent postural-perceptual dizziness	14	0
Presyncope	576	0
Sensory overload	4	0
Slow response to stimuli	4	0
Tongue biting	5	0
Unresponsive to stimuli	42	0
Neuromuscular disorders NEC		
Muscle contractions involuntary	22	0
Muscle spasticity	10	0
Neuromuscular pain	3	0
Neuromuscular junction dysfunction		
Myasthenia gravis	7	0
Myasthenia gravis crisis	2	0
Olfactory nerve disorders		
Anosmia	242	0
Hyposmia	16	0
Parosmia	230	0
Optic nerve disorders NEC		
Optic neuritis	26	0
Paraesthesias and dysaesthesias		
Burning feet syndrome	7	0
Burning sensation	488	0
Burning sensation mucosal	2	0
Dysaesthesia	7	0
Formication	38	0
Hand-arm vibration syndrome	3	0
Hemianaesthesia	1	0
Hemiparaesthesia	3	0
Hyperaesthesia	83	0
Hypoaesthesia	2684	0
Paraesthesia	3678	0
Reversed hot-cold sensation	4	0

Case Series Drug Analysis Print

Name: COVID-19 mRNA Pfizer- BioNTech vaccine analysis print

Reaction Name	Total	Fatal
Nervous system disorders		
Nervous system disorders cont'd		
Synaesthesia	1	0
Paralysis and paresis (excl cranial nerve)		
Diplegia	12	0
Hemiparesis	44	0
Hemiplegia	37	0
Locked-in syndrome	1	0
Monoparesis	55	0
Monoplegia	74	0
Paralysis	120	0
Paraparesis	3	0
Paraplegia	1	0
Paresis	6	0
Quadriparesis	1	0
Quadriplegia	1	0
Parkinson's disease and parkinsonism		
Freezing phenomenon	8	0
Hypokinetic dysarthria	1	0
Parkinson's disease	3	0
Parkinsonian gait	1	0
Parkinsonian rest tremor	1	0
Parkinsonism	4	0
Reduced facial expression	11	0
Partial complex seizures		
Dreamy state	6	0
Focal dyscognitive seizures	3	0
Temporal lobe epilepsy	2	0
Partial simple seizures NEC		
Autonomic seizure	1	0
Peripheral neuropathies NEC		
Axonal neuropathy	2	0
Neuralgic amyotrophy	5	0
Neuritis	7	0
Neuropathy peripheral	102	0
Peripheral sensorimotor neuropathy	1	0
Peripheral sensory neuropathy	12	0
Polyneuropathy	3	0
Thoracic outlet syndrome	1	0
Seizures and seizure disorders NEC		
Atonic seizures	4	0
Change in seizure presentation	2	0
Clonic convulsion	3	0
Convulsions local	1	0
Epilepsy	151	0
Epileptic aura	2	0
Epileptic encephalopathy	1	0
Febrile convulsion	15	0
Idiopathic generalised epilepsy	1	0
Partial seizures	18	0
Post stroke seizure	1	0
Psychogenic seizure	8	0
Seizure	555	1
Seizure anoxic	2	0
Seizure cluster	6	0

Case Series Drug Analysis Print

Name: COVID-19 mRNA Pfizer- BioNTech vaccine analysis print

Reaction Name	Total	Fatal
Nervous system disorders		
Nervous system disorders cont'd		
Seizure like phenomena	2	0
Status epilepticus	41	0
Tonic clonic movements	3	0
Tonic convulsion	25	0
Tonic posturing	1	0
Sensory abnormalities NEC		
Ageusia	480	0
Allodynia	24	0
Aura	20	0
Complex regional pain syndrome	5	0
Dysgeusia	1077	0
Electric shock sensation	35	0
Hypergeusia	1	0
Hypogeusia	7	0
Intercostal neuralgia	1	0
Loss of proprioception	3	0
Morton's neuralgia	1	0
Neuralgia	488	0
Persistent genital arousal disorder	1	0
Phantom limb syndrome	4	0
Post herpetic neuralgia	14	0
Restless arm syndrome	2	0
Restless legs syndrome	132	0
Sensory disturbance	99	0
Sensory loss	68	0
Taste disorder	240	0
Visual perseveration	3	0
Sleep disturbances NEC		
Sleep deficit	9	0
Sudden onset of sleep	1	0
Speech and language abnormalities		
Dysarthria	176	0
Incoherent	9	0
Language disorder	2	0
Repetitive speech	3	0
Slow speech	18	0
Speech disorder	65	0
Spinal cord and nerve root disorders NEC		
Cauda equina syndrome	1	0
Myelopathy	1	0
Radiculitis brachial	12	0
Radiculopathy	5	0
Structural brain disorders NEC		
Brain injury	7	2
Cerebral ventricle dilatation	1	0
Hyperintensity in brain deep nuclei	1	0
Transient cerebrovascular events		
Transient ischaemic attack	139	3
Tremor (excl congenital)		
Essential tremor	4	0
Head titubation	13	0
Resting tremor	4	0
Tremor	1547	0

Case Series Drug Analysis Print

Name: COVID-19 mRNA Pfizer- BioNTech vaccine analysis print

Reaction Name	Total	Fatal
Nervous system disorders		
<i>Nervous system disorders cont'd</i>		
<i>Trigeminal disorders</i>		
Facial neuralgia	17	0
Numb chin syndrome	2	0
Trigeminal nerve disorder	3	0
Trigeminal neuralgia	41	0
Trigeminal neuritis	1	0
<i>Vagus nerve disorders</i>		
Vocal cord paralysis	1	0
<i>Vertigos NEC</i>		
Cervicogenic vertigo	1	0
Vertigo CNS origin	3	0
Nervous system disorders SOC TOTAL	61595	60

Case Series Drug Analysis Print

Name: COVID-19 mRNA Pfizer- BioNTech vaccine analysis print

Reaction Name	Total	Fatal
Pregnancy conditions		
<i>Abortion related conditions and complications</i>		
Anembryonic gestation	2	0
<i>Abortions not specified as induced or spontaneous</i>		
Abortion	1	0
Abortion missed	5	0
<i>Abortions spontaneous</i>		
Abortion spontaneous	364	0
Abortion threatened	2	0
<i>Amniotic fluid and cavity disorders of pregnancy NEC</i>		
Amniorrhoea	1	0
<i>Foetal complications NEC</i>		
Foetal cardiac disorder	1	0
Foetal distress syndrome	1	0
Foetal hypokinesia	10	0
<i>Foetal growth complications</i>		
Foetal growth restriction	6	0
<i>Gestational age and weight conditions</i>		
Premature baby	4	1
<i>Haemorrhagic complications of pregnancy</i>		
Haemorrhage in pregnancy	2	0
Premature separation of placenta	3	0
Subchorionic haematoma	2	0
Subchorionic haemorrhage	1	0
<i>Hypertension associated disorders of pregnancy</i>		
Pre-eclampsia	1	0
<i>Labour onset and length abnormalities</i>		
Induced labour	1	0
Premature delivery	1	0
Premature labour	5	0
Premature rupture of membranes	2	0
Threatened labour	1	0
<i>Maternal complications of labour NEC</i>		
Uterine contractions abnormal	1	0
Uterine hypertonus	8	0
<i>Maternal complications of pregnancy NEC</i>		
Biochemical pregnancy	1	0
Complication of pregnancy	1	0
Decidual cast	4	0
Ectopic pregnancy	7	0
Hyperemesis gravidarum	1	0
Morning sickness	15	0
Preterm premature rupture of membranes	3	0
Ruptured ectopic pregnancy	1	0
Somatic symptom disorder of pregnancy	3	0
<i>Newborn complications NEC</i>		
Neonatal disorder	1	0
<i>Normal newborn status</i>		
Normal newborn	1	0
<i>Normal pregnancy, labour and delivery</i>		
Labour pain	1	0
Live birth	4	0
Pregnancy	34	0
Uterine contractions during pregnancy	5	0

Case Series Drug Analysis Print

Name: COVID-19 mRNA Pfizer- BioNTech vaccine analysis print

Reaction Name	Total	Fatal
Pregnancy conditions <small>Pregnancy conditions cont'd</small>		
<i>Placental abnormalities (excl neoplasms)</i>		
Placental disorder	1	0
Placental insufficiency	1	0
<i>Postpartum complications NEC</i>		
Postpartum haemorrhage	3	0
<i>Pregnancy complicated by maternal disorders</i>		
Gestational diabetes	2	0
Peripartum cardiomyopathy	1	0
<i>Stillbirth and foetal death</i>		
Foetal death	4	4
Stillbirth	6	6
<i>Unintended pregnancies</i>		
Pregnancy after post coital contraception	2	0
Pregnancy on contraceptive	2	0
Pregnancy on oral contraceptive	2	0
Pregnancy with contraceptive device	1	0
Pregnancy with implant contraceptive	1	0
Unintended pregnancy	3	0
Unwanted pregnancy	1	0
Pregnancy conditions SOC TOTAL	537	11

Case Series Drug Analysis Print

Name: COVID-19 mRNA Pfizer- BioNTech vaccine analysis print

Reaction Name	Total	Fatal
<i>Device issues NEC</i>		
Device connection issue	1	0
Device failure	1	0
Device issue	2	0
<i>Device malfunction events NEC</i>		
Device infusion issue	1	0
Device malfunction	1	0
Device pacing issue	1	0
Device stimulation issue	1	0
Oversensing	15	0
Thrombosis in device	9	0
<i>Device physical property and chemical issues</i>		
Device breakage	1	0
Device defective	7	0
Device kink	1	0
Needle issue	2	0
<i>Product contamination and sterility issues</i>		
Product contamination	11	0
Product contamination physical	6	0
<i>Product packaging issues</i>		
Product closure issue	1	0
<i>Product physical issues</i>		
Liquid product physical issue	9	0
Product deposit	1	0
Product odour abnormal	2	0
Product physical issue	2	0
Product taste abnormal	9	0
<i>Product quality issues NEC</i>		
Product complaint	1	0
Product origin unknown	6	0
<i>Product supply and availability issues</i>		
Product availability issue	1	0
null SOC TOTAL	92	0

Case Series Drug Analysis Print

Name: COVID-19 mRNA Pfizer- BioNTech vaccine analysis print

Reaction Name	Total	Fatal
Psychiatric disorders		
<i>Abnormal behaviour NEC</i>		
Abnormal behaviour	25	0
Behaviour disorder	1	0
Breath holding	6	0
Staring	7	0
<i>Adjustment disorders</i>		
Adjustment disorder with depressed mood	4	0
<i>Affect alterations NEC</i>		
Affect lability	12	0
Constricted affect	3	0
Flat affect	11	0
Inappropriate affect	21	0
<i>Amnesic symptoms</i>		
Paramnesia	5	0
<i>Anxiety disorders NEC</i>		
Anxiety disorder	1	0
Generalised anxiety disorder	1	0
Neurosis	1	0
<i>Anxiety symptoms</i>		
Agitation	74	0
Anxiety	778	0
Immunisation anxiety related reaction	2	0
Nervousness	165	0
Stress	94	0
Tension	37	0
<i>Attention deficit and disruptive behaviour disorders</i>		
Attention deficit hyperactivity disorder	6	0
<i>Behaviour and socialisation disturbances</i>		
Aggression	13	0
Attention-seeking behaviour	1	0
Aversion	1	0
Disinhibition	2	0
Indifference	6	0
Paranoia	24	0
Personality change	4	0
Social avoidant behaviour	5	0
Soliloquy	2	0
Suspiciousness	1	0
<i>Bipolar disorders</i>		
Bipolar I disorder	2	0
Bipolar disorder	4	0
<i>Cognitive and attention disorders and disturbances NEC</i>		
Daydreaming	7	0
Distractibility	1	0
Mental fatigue	197	0
<i>Communications disorders</i>		
Communication disorder	5	0
Mutism	3	0
<i>Confusion and disorientation</i>		
Confusional state	817	0
Disorientation	264	0
<i>Decreased physical activity levels</i>		
Catatonia	1	0

Case Series Drug Analysis Print

Name: COVID-19 mRNA Pfizer- BioNTech vaccine analysis print

Reaction Name	Total	Fatal
Psychiatric disorders <small>Psychiatric disorders cont'd</small>		
<i>Deliria</i>		
Delirium	100	0
<i>Delusional symptoms</i>		
Delusion	11	0
<i>Depressive disorders</i>		
Agitated depression	5	0
Depression	312	0
Depression suicidal	14	0
Major depression	9	0
Mixed anxiety and depressive disorder	3	0
<i>Dissociative states</i>		
Depersonalisation/derealisation disorder	10	0
Dissociation	28	0
Dissociative amnesia	2	0
Dissociative disorder	2	0
<i>Disturbances in initiating and maintaining sleep</i>		
Initial insomnia	22	0
Insomnia	1321	0
Middle insomnia	27	0
Terminal insomnia	32	0
<i>Dyssomnias</i>		
Breathing-related sleep disorder	1	0
Dyssomnia	1	0
Poor quality sleep	204	0
<i>Eating disorders NEC</i>		
Bulimia nervosa	1	0
Eating disorder	10	0
Selective eating disorder	1	0
<i>Emotional and mood disturbances NEC</i>		
Anger	35	0
Dysphoria	2	0
Emotional disorder	54	0
Emotional distress	39	0
Emotional poverty	1	0
Euphoric mood	42	0
Frustration tolerance decreased	2	0
Irritability	194	0
Mood altered	53	0
<i>Factitious disorders</i>		
Factitious disorder	4	0
<i>Fear symptoms and phobic disorders (incl social phobia)</i>		
Agoraphobia	2	0
Fear	18	0
Fear of death	1	0
Fear of eating	1	0
Fear of falling	3	0
Fear of injection	6	0
Osmophobia	1	0
Phobia	3	0
Phonophobia	2	0
Social anxiety disorder	1	0
Social fear	1	0
<i>Fluctuating mood symptoms</i>		

Case Series Drug Analysis Print

Name: COVID-19 mRNA Pfizer- BioNTech vaccine analysis print

Reaction Name	Total	Fatal
Psychiatric disorders <small>Psychiatric disorders cont'd</small>		
Mood swings	136	0
Hallucinations (excl sleep-related)		
Hallucination	184	0
Hallucination, auditory	13	0
Hallucination, olfactory	10	0
Hallucination, tactile	1	0
Hallucination, visual	24	0
Hallucinations, mixed	2	0
Increased physical activity levels		
Restlessness	142	0
Infancy, childhood and adolescence psychiatric disorders NEC		
Social (pragmatic) communication disorder	1	0
Learning disorders		
Learning disability	1	0
Learning disorder	1	0
Mental disorders NEC		
Mental disorder	15	0
Mental status changes	1	0
Psychological factor affecting medical condition	1	0
Mood alterations with depressive symptoms		
Anhedonia	3	0
Decreased interest	9	0
Depressed mood	360	0
Depressive symptom	2	0
Feeling guilty	1	0
Feeling of despair	5	0
Feelings of worthlessness	1	0
Negative thoughts	1	0
Psychomotor retardation	2	0
Sense of a foreshortened future	2	0
Tearfulness	37	0
Mood alterations with manic symptoms		
Hypomania	2	0
Mania	11	0
Mood disorders NEC		
Affective disorder	3	0
Apathy	28	0
Boredom	1	0
Laziness	3	0
Listless	18	0
Mood disorder due to a general medical condition	1	0
Narcolepsy and associated conditions		
Hypnagogic hallucination	3	0
Hypnopompic hallucination	2	0
Sleep attacks	3	0
Obsessive-compulsive disorders and symptoms		
Obsessive-compulsive symptom	1	0
Orgasmic disorders and disturbances		
Anorgasmia	4	0
Female orgasmic disorder	2	0
Orgasm abnormal	4	0
Orgasmic sensation decreased	1	0
Premature ejaculation	1	0

Case Series Drug Analysis Print

Name: COVID-19 mRNA Pfizer- BioNTech vaccine analysis print

Reaction Name	Total	Fatal
Psychiatric disorders <small>Psychiatric disorders cont'd</small>		
<i>Panic attacks and disorders</i>		
Panic attack	180	0
Panic disorder	3	0
Panic reaction	27	0
<i>Paraphilias and paraphilic disorders</i>		
Transvestism	1	0
<i>Parasomnias</i>		
Abnormal dreams	167	0
Abnormal sleep-related event	1	0
Confusional arousal	1	0
Exploding head syndrome	2	0
Nightmare	184	0
Parasomnia	2	0
Sleep inertia	1	0
Sleep talking	6	0
Sleep terror	21	0
Somnambulism	6	0
<i>Perception disturbances NEC</i>		
Autoscopy	16	0
Deja vu	2	0
Derealisation	8	0
Flashback	3	0
Illusion	2	0
Near death experience	1	0
Time perception altered	2	0
<i>Personality disorders NEC</i>		
Personality disorder	1	0
<i>Pervasive developmental disorders NEC</i>		
Autism spectrum disorder	2	0
<i>Psychiatric elimination disorders</i>		
Enuresis	20	0
<i>Psychiatric symptoms NEC</i>		
Hypervigilance	9	0
Psychiatric symptom	5	0
Psychological trauma	3	0
Trance	1	0
<i>Psychotic disorder NEC</i>		
Acute psychosis	1	0
Psychotic behaviour	1	0
Psychotic disorder	23	0
<i>Schizophrenia NEC</i>		
Schizophrenia	1	0
<i>Sexual and gender identity disorders NEC</i>		
Gender dysphoria	1	0
<i>Sexual arousal disorders</i>		
Disturbance in sexual arousal	3	0
Sexual inhibition	1	0
<i>Sexual desire disorders</i>		
Hypersexuality	1	0
Libido decreased	14	0
Libido increased	6	0
Loss of libido	16	0
<i>Sexual dysfunction NEC</i>		

Case Series Drug Analysis Print

Name: COVID-19 mRNA Pfizer- BioNTech vaccine analysis print

Reaction Name	Total	Fatal
Psychiatric disorders <small>Psychiatric disorders cont'd</small>		
Genito-pelvic pain/penetration disorder	1	0
Sleep disorders NEC		
Sleep disorder	192	0
Sleep disorder due to general medical condition, insomnia type	5	0
Somatic symptom disorders		
Conversion disorder	21	0
Habit cough	16	0
Somatic symptom disorder	1	0
Vomiting psychogenic	1	0
Speech and language usage disturbances		
Disorganised speech	7	0
Logorrhoea	2	0
Speech articulation and rhythm disturbances		
Dysphemia	24	0
Lack of spontaneous speech	1	0
Pressure of speech	1	0
Stereotypies and automatisms		
Automatism	1	0
Bruxism	11	0
Head banging	9	0
Stereotypy	1	0
Stress disorders		
Burnout syndrome	2	0
Post-traumatic stress disorder	4	0
Substance related and addictive disorders		
Alcohol problem	1	0
Alcoholic hangover	1	0
Alcoholism	3	0
Nicotine dependence	2	0
Suicidal and self-injurious behaviour		
Completed suicide	1	1
Intentional self-injury	7	0
Self-injurious ideation	2	0
Suicidal ideation	36	0
Suicide attempt	8	0
Suicide threat	1	0
Thinking disturbances		
Bradyphrenia	39	0
Intrusive thoughts	7	0
Morbid thoughts	1	0
Tachyphrenia	5	0
Thinking abnormal	19	0
Thought blocking	1	0
Tic disorders		
Tic	10	0
Psychiatric disorders SOC TOTAL	7427	1

Case Series Drug Analysis Print

Name: COVID-19 mRNA Pfizer- BioNTech vaccine analysis print

Reaction Name	Total	Fatal
Renal & urinary disorders		
<i>Bladder and urethral symptoms</i>		
Bladder discomfort	2	0
Bladder irritation	8	0
Bladder pain	28	0
Dysuria	46	0
Incontinence	25	0
Lower urinary tract symptoms	2	0
Micturition disorder	2	0
Micturition urgency	39	0
Pollakiuria	118	0
Stress urinary incontinence	1	0
Urethral pain	7	0
Urge incontinence	1	0
Urinary hesitation	1	0
Urinary incontinence	47	0
Urinary retention	36	0
Urine flow decreased	13	0
<i>Bladder disorders NEC</i>		
Bladder disorder	8	0
Bladder fibrosis	1	0
Bladder prolapse	1	0
Urinary bladder haemorrhage	2	0
<i>Bladder infections and inflammations</i>		
Cystitis interstitial	5	0
Cystitis noninfective	1	0
<i>Genital and urinary tract disorders NEC</i>		
Genitourinary symptom	1	0
Urinary tract disorder	4	0
<i>Glomerulonephritis and nephrotic syndrome</i>		
Glomerulonephritis minimal lesion	5	0
Glomerulonephritis rapidly progressive	2	0
IgA nephropathy	3	0
Nephrotic syndrome	17	0
<i>Myoneurogenic bladder disorders</i>		
Bladder dysfunction	5	0
Hypertonic bladder	1	0
Hypotonic urinary bladder	1	0
Loss of bladder sensation	2	0
Neurogenic bladder	2	0
<i>Nephritis NEC</i>		
Lupus nephritis	1	0
Nephritis	2	0
Tubulointerstitial nephritis	2	0
<i>Nephropathies and tubular disorders NEC</i>		
Nephropathy	1	0
<i>Renal disorders NEC</i>		
Renal disorder	4	1
Renal haemorrhage	1	0
Renal mass	1	0
<i>Renal failure and impairment</i>		
Acute kidney injury	45	4
Anuria	3	0
Chronic kidney disease	4	0

Case Series Drug Analysis Print

Name: COVID-19 mRNA Pfizer- BioNTech vaccine analysis print

Reaction Name	Total	Fatal
Renal & urinary disorders		
<i>Renal & urinary disorders cont'd</i>		
Oliguria	1	0
Renal failure	19	1
Renal impairment	23	0
Renal injury	2	0
Renal lithiasis		
Nephrolithiasis	9	0
Renal neoplasms		
Renal cyst	1	0
Renal obstructive disorders		
Hydronephrosis	2	0
Renal structural abnormalities and trauma		
Kidney small	1	0
Renal vascular and ischaemic conditions		
Renal infarct	1	0
Renal tubular necrosis	1	0
Renal vasculitis	1	1
Structural and obstructive urethral disorders (excl congenital)		
Urethral stenosis	1	0
Ureteric disorders NEC		
Ureteric stenosis	1	0
Urinary abnormalities		
Albuminuria	1	0
Chromaturia	44	0
Haematuria	33	0
Ketonuria	1	0
Myoglobinuria	1	0
Proteinuria	11	0
Urine abnormality	10	0
Urine odour abnormal	8	0
Urinary tract lithiasis (excl renal)		
Calculus urinary	1	0
Urinary tract signs and symptoms NEC		
Costovertebral angle tenderness	1	0
Cystitis-like symptom	1	0
Haemorrhage urinary tract	21	0
Nocturia	3	0
Polyuria	8	0
Renal colic	4	0
Renal pain	257	0
Urinary tract discomfort	1	0
Urinary tract pain	5	0
Renal & urinary disorders SOC TOTAL	975	7

Case Series Drug Analysis Print

Name: COVID-19 mRNA Pfizer- BioNTech vaccine analysis print

Reaction Name	Total	Fatal
Reproductive & breast disorders		
<i>Benign and malignant breast neoplasms</i>		
Breast cyst	13	0
<i>Breast disorders NEC</i>		
Breast disorder	1	0
Breast enlargement	26	0
Breast mass	105	0
Gynaecomastia	3	0
Mastoptosis	1	0
Nipple disorder	1	0
<i>Breast infections and inflammations</i>		
Breast inflammation	2	0
Nipple inflammation	2	0
<i>Breast signs and symptoms</i>		
Breast discharge	4	0
Breast discomfort	10	0
Breast engorgement	9	0
Breast haematoma	1	0
Breast oedema	5	0
Breast pain	592	0
Breast swelling	129	0
Breast tenderness	72	0
Nipple pain	36	1
Nipple swelling	4	0
<i>Cervix disorders NEC</i>		
Cervical dysplasia	2	0
Cervix disorder	1	0
Cervix haemorrhage uterine	5	0
Ectropion of cervix	2	0
<i>Cervix infections and inflammations</i>		
Cervix inflammation	1	0
<i>Cervix neoplasms</i>		
Cervical polyp	1	0
<i>Erection and ejaculation conditions and disorders</i>		
Ejaculation disorder	2	0
Ejaculation failure	3	0
Erectile dysfunction	57	0
Erection increased	2	0
Organic erectile dysfunction	14	0
Painful ejaculation	1	0
Spontaneous ejaculation	1	0
Spontaneous penile erection	1	0
<i>Fallopian tube and ovary infections and inflammations</i>		
Noninfective oophoritis	3	0
<i>Lactation disorders</i>		
Breast milk discolouration	3	0
Breast milk odour abnormal	2	0
Galactorrhoea	5	0
Galactostasis	1	0
Lactation disorder	6	0
Lactation puerperal increased	5	0
Suppressed lactation	42	0
<i>Menopausal effects NEC</i>		
Artificial menopause	1	0

Case Series Drug Analysis Print

Name: COVID-19 mRNA Pfizer- BioNTech vaccine analysis print

Reaction Name	Total	Fatal
Reproductive & breast disorders		
Menopausal disorder	1	0
Menopausal symptoms	25	0
Menopause delayed	1	0
Premature menopause	14	0
Menopausal effects on the genitourinary tract		
Atrophic vulvovaginitis	1	0
Postmenopausal haemorrhage	85	0
Menstruation and uterine bleeding NEC		
Abnormal uterine bleeding	6	0
Abnormal withdrawal bleeding	1	0
Dysmenorrhoea	2587	0
Intermenstrual bleeding	983	0
Menstrual discomfort	24	0
Menstrual disorder	1637	0
Menstruation irregular	2905	0
Premenstrual dysphoric disorder	10	0
Premenstrual headache	9	0
Premenstrual pain	105	0
Premenstrual syndrome	101	0
Retrograde menstruation	1	0
Withdrawal bleed	15	0
Menstruation with decreased bleeding		
Amenorrhoea	520	0
Hypomenorrhoea	594	0
Menstruation delayed	4419	0
Oligomenorrhoea	140	0
Menstruation with increased bleeding		
Heavy menstrual bleeding	4895	0
Menometrorrhagia	17	0
Polymenorrhoea	760	0
Ovarian and fallopian tube cysts and neoplasms		
Ovarian cyst	19	0
Ovarian cyst ruptured	1	0
Polycystic ovaries	41	0
Ovarian and fallopian tube disorders NEC		
Adnexal torsion	1	0
Hydrosalpinx	2	0
Ovarian enlargement	1	0
Ovarian haemorrhage	5	0
Ovulation disorder	2	0
Ovulation pain	60	0
Premature ovulation	4	0
Pelvic prolapse conditions		
Vaginal prolapse	1	0
Pelvis and broad ligament disorders NEC		
Adnexa uteri mass	1	0
Adnexa uteri pain	46	0
Pelvic congestion	1	0
Pelvic floor muscle weakness	1	0
Pelvic haemorrhage	17	0
Penile and scrotal infections and inflammations		
Balanoposthitis	2	0
Penile disorders NEC (excl erection and ejaculation)		

Case Series Drug Analysis Print

Name: COVID-19 mRNA Pfizer- BioNTech vaccine analysis print

Reaction Name	Total	Fatal
Reproductive & breast disorders		
Reproductive & breast disorders cont'd		
Penile blister	1	0
Penile discharge	1	0
Penile discomfort	1	0
Penile erythema	1	0
Penile haemorrhage	2	0
Penile pain	1	0
Penile swelling	5	0
Penis disorder	9	0
Prostate and seminal vesicles infections and inflammations		
Prostatitis	3	0
Prostatic signs, symptoms and disorders NEC		
Prostatic pain	1	0
Prostatomegaly	3	0
Reproductive tract disorders NEC (excl neoplasms)		
Genital erosion	1	0
Genital haemorrhage	23	0
Genital hypoaesthesia	1	0
Genital lesion	2	0
Genital paraesthesia	1	0
Genital ulceration	6	0
Perineal ulceration	1	0
Reproductive tract infections and inflammations NEC		
Genital tract inflammation	1	0
Reproductive tract signs and symptoms NEC		
Genital burning sensation	2	0
Genital erythema	1	0
Genital pain	5	0
Genital rash	4	0
Genital swelling	3	0
Pelvic discomfort	5	0
Pelvic pain	92	0
Perineal pain	2	0
Perineal rash	1	0
Pruritus genital	3	0
Scrotal disorders NEC		
Acquired hydrocele	1	0
Scrotal angiokeratoma	1	0
Scrotal discomfort	1	0
Scrotal erythema	1	0
Scrotal exfoliation	1	0
Scrotal pain	21	0
Scrotal swelling	4	0
Varicocele	1	0
Sexual function and fertility disorders NEC		
Dyspareunia	5	0
Infertility	9	0
Infertility female	2	0
Sexual dysfunction	6	0
Spermatogenesis and semen disorders		
Aspermia	1	0
Haemospermia	6	0
Semen discolouration	1	0
Testicular and epididymal disorders NEC		

Case Series Drug Analysis Print

Name: COVID-19 mRNA Pfizer- BioNTech vaccine analysis print

Reaction Name	Total	Fatal
Reproductive & breast disorders		
Reproductive & breast disorders cont'd		
Testicular disorder	3	0
Testicular pain	51	0
Testicular swelling	8	0
Testis discomfort	2	0
Uterine disorders NEC		
Adenomyosis	7	0
Endometrial thickening	3	0
Endometriosis	76	0
Uterine haemorrhage	33	0
Uterine pain	13	0
Uterine infections and inflammations (excl cervix)		
Uterine inflammation	1	0
Uterine neoplasms		
Uterine polyp	4	0
Uterine tone disorders		
Uterine spasm	29	0
Vulvovaginal cysts and neoplasms		
Bartholin's cyst	1	0
Vaginal cyst	6	0
Vaginal polyp	1	0
Vulvovaginal disorders NEC		
Vaginal haemorrhage	1377	0
Vaginal mucosal blistering	1	0
Vaginal ulceration	1	0
Vulval disorder	1	0
Vulval haemorrhage	25	0
Vulval ulceration	7	0
Vulvovaginal ulceration	4	0
Vulvovaginal signs and symptoms		
Clitoral engorgement	1	0
Coital bleeding	5	0
Labia enlarged	1	0
Vaginal discharge	70	0
Vaginal lesion	1	0
Vaginal odour	2	0
Vulval oedema	1	0
Vulvovaginal burning sensation	4	0
Vulvovaginal dryness	5	0
Vulvovaginal erythema	1	0
Vulvovaginal pain	24	0
Vulvovaginal pruritus	8	0
Vulvovaginal rash	2	0
Vulvovaginal swelling	4	0
Reproductive & breast disorders SOC TOTAL	23264	1

Case Series Drug Analysis Print

Name: COVID-19 mRNA Pfizer- BioNTech vaccine analysis print

Reaction Name	Total	Fatal
Respiratory disorders		
<i>Breathing abnormalities</i>		
Apnoea	5	0
Apnoeic attack	1	0
Dyspnoea	4118	5
Dyspnoea at rest	11	0
Dyspnoea exertional	34	1
Grunting	1	0
Hyperventilation	46	0
Hypopnoea	101	0
Hypoventilation	1	0
Irregular breathing	19	0
Mouth breathing	4	0
Nocturnal dyspnoea	2	0
Orthopnoea	3	0
Respiration abnormal	47	0
Respiratory arrest	14	0
Respiratory depression	1	0
Respiratory distress	17	0
Sleep apnoea syndrome	12	0
Tachypnoea	24	0
<i>Bronchial conditions NEC</i>		
Bronchial secretion retention	4	0
Bronchiectasis	12	0
<i>Bronchospasm and obstruction</i>		
Asthma	315	0
Asthma late onset	2	0
Bronchospasm	15	0
Chronic obstructive pulmonary disease	16	1
Cough variant asthma	5	0
Obstructive airways disorder	9	0
Reversible airways obstruction	1	0
Wheezing	363	0
<i>Conditions associated with abnormal gas exchange</i>		
Asphyxia	2	0
Cyanosis central	1	0
Hyperoxia	1	0
Hypoxia	25	1
Respiratory acidosis	2	0
<i>Coughing and associated symptoms</i>		
Allergic cough	6	0
Cough	2208	3
Cough decreased	2	0
Haemoptysis	53	0
Productive cough	150	0
Sputum discoloured	7	0
Sputum increased	3	0
<i>Diaphragmatic disorders</i>		
Acquired diaphragmatic eventration	1	0
Diaphragm muscle weakness	1	0
<i>Laryngeal and adjacent sites disorders NEC (excl infections and neoplasms)</i>		
Laryngeal disorder	1	0
Reflux laryngitis	1	0

Case Series Drug Analysis Print

Name: COVID-19 mRNA Pfizer- BioNTech vaccine analysis print

Reaction Name	Total	Fatal
Respiratory disorders Respiratory disorders cont'd		
Vocal cord disorder	1	0
Vocal cord dysfunction	2	0
Laryngeal spasm, oedema and obstruction		
Epiglottic oedema	1	0
Laryngeal obstruction	1	0
Laryngeal oedema	2	0
Laryngospasm	1	0
Stridor	22	0
Lower respiratory tract inflammatory and immunologic conditions		
Alveolitis	1	0
Hypersensitivity pneumonitis	1	0
Lower respiratory tract inflammation	1	0
Pneumonia aspiration	8	5
Pneumonitis	27	1
Pulmonary sarcoidosis	2	0
Lower respiratory tract signs and symptoms		
Hiccups	29	0
Increased bronchial secretion	2	0
Increased viscosity of bronchial secretion	1	0
Lung hyperinflation	1	0
Lung opacity	2	0
Pleuritic pain	20	0
Pulmonary haemorrhage	1	0
Pulmonary pain	78	0
Rales	4	0
Respiratory fremitus	1	0
Mediastinal disorders		
Mediastinal mass	1	0
Pulmonary hilum mass	1	0
Nasal congestion and inflammations		
Nasal congestion	254	0
Nasal inflammation	3	0
Rhinitis allergic	18	0
Nasal disorders NEC		
Epistaxis	820	0
Intranasal hypoaesthesia	2	0
Intranasal paraesthesia	1	0
Nasal crusting	1	0
Nasal disorder	3	0
Nasal dryness	33	0
Nasal mucosal discolouration	1	0
Nasal odour	6	0
Nasal oedema	6	0
Nasal polyps	1	0
Nasal pruritus	9	0
Neonatal hypoxic conditions		
Dry lung syndrome	1	0
Gasping syndrome	1	0
Infantile apnoea	1	0
Paranasal sinus disorders (excl infections and neoplasms)		
Allergic sinusitis	1	0
Paranasal sinus inflammation	3	0
Sinonasal obstruction	9	0

Case Series Drug Analysis Print

Name: COVID-19 mRNA Pfizer- BioNTech vaccine analysis print

Reaction Name	Total	Fatal
Respiratory disorders Respiratory disorders cont'd		
Sinus congestion	56	0
Sinus disorder	6	0
Parenchymal lung disorders NEC		
Atelectasis	3	0
Combined pulmonary fibrosis and emphysema	1	0
Emphysema	2	0
Interstitial lung disease	9	0
Lung consolidation	1	0
Lung infiltration	1	0
Pulmonary alveolar haemorrhage	1	0
Pulmonary cavitation	1	0
Pulmonary fibrosis	5	0
Pharyngeal disorders (excl infections and neoplasms)		
Hyperactive pharyngeal reflex	1	0
Pharyngeal enanthema	1	0
Pharyngeal erythema	7	0
Pharyngeal haemorrhage	2	0
Pharyngeal hypoaesthesia	34	0
Pharyngeal inflammation	4	0
Pharyngeal mass	1	0
Pharyngeal oedema	13	0
Pharyngeal paraesthesia	51	0
Pharyngeal swelling	229	0
Pharyngeal ulceration	14	0
Tonsillar erythema	10	0
Tonsillar haemorrhage	1	0
Tonsillar hypertrophy	75	0
Tonsillar inflammation	3	0
Tonsillar ulcer	1	0
Tonsillolith	1	0
Pleural infections and inflammations		
Pleurisy	31	0
Pneumothorax and pleural effusions NEC		
Pleural effusion	24	0
Pneumothorax	8	0
Pneumothorax spontaneous	3	0
Pulmonary hypertension		
Pulmonary hypertension	2	0
Pulmonary oedemas		
Acute respiratory distress syndrome	2	1
Pulmonary congestion	12	0
Pulmonary oedema	20	1
Pulmonary thrombotic and embolic conditions		
Pulmonary artery thrombosis	1	0
Pulmonary embolism	396	27
Pulmonary infarction	6	0
Pulmonary thrombosis	7	1
Respiratory failures (excl neonatal)		
Acute respiratory failure	2	1
Respiratory failure	11	2
Respiratory signs and symptoms NEC		
Allergic respiratory symptom	6	0
Diaphragmalgia	6	0

Case Series Drug Analysis Print

Name: COVID-19 mRNA Pfizer- BioNTech vaccine analysis print

Reaction Name	Total	Fatal
Respiratory disorders Respiratory disorders cont'd		
Nasal flaring	1	0
Painful respiration	9	1
Pleural rub	1	0
Respiratory symptom	18	0
Suffocation feeling	2	0
Respiratory tract disorders NEC		
Aspiration	3	0
Lung disorder	6	0
Pulmonary mass	4	0
Respiratory disorder	12	0
Respiratory tract congestion	3	0
Respiratory tract haemorrhage	1	0
Respiratory tract inflammation	2	0
Respiratory tract irritation	9	0
Respiratory tract oedema	3	0
Thoracic musculoskeletal disorders		
Respiratory muscle weakness	2	0
Tracheal disorders (excl infections and neoplasms)		
Tracheal disorder	1	0
Tracheal pain	1	0
Upper respiratory tract neoplasms		
Tonsillar cyst	1	0
Upper respiratory tract signs and symptoms		
Aphonia	101	0
Catarrh	22	0
Choking	13	0
Choking sensation	3	0
Dry throat	159	0
Dysphonia	150	0
Increased upper airway secretion	5	0
Increased viscosity of upper respiratory secretion	29	0
Nasal discharge discolouration	3	0
Nasal discomfort	44	0
Nasal obstruction	2	0
Oropharyngeal blistering	9	0
Oropharyngeal discomfort	59	0
Oropharyngeal pain	2612	0
Oropharyngeal plaque	2	0
Paranasal sinus discomfort	42	0
Rhinalgia	11	0
Rhinorrhoea	829	0
Sinus pain	194	0
Sneezing	337	0
Snoring	7	0
Throat clearing	8	0
Throat irritation	216	0
Throat tightness	242	0
Upper airway obstruction	2	0
Upper respiratory tract congestion	2	0
Upper respiratory tract irritation	1	0
Upper-airway cough syndrome	9	0
Yawning	25	0
Vascular pulmonary disorders NEC		

Case Series Drug Analysis Print

Name: COVID-19 mRNA Pfizer- BioNTech vaccine analysis print

Reaction Name	Total	Fatal
Respiratory disorders		
Respiratory disorders cont'd		
Acute chest syndrome	1	0
Respiratory disorders SOC TOTAL	15341	51

Case Series Drug Analysis Print

Name: COVID-19 mRNA Pfizer- BioNTech vaccine analysis print

Reaction Name	Total	Fatal
Skin disorders		
<i>Acnes</i>		
Acne	177	0
Acne cystic	18	0
Dermatitis acneiform	10	0
<i>Alopecias</i>		
Alopecia	239	0
Alopecia areata	38	0
Alopecia totalis	2	0
Androgenetic alopecia	2	0
Diffuse alopecia	4	0
Hypotrichosis	1	0
Madarosis	3	0
<i>Angioedemas</i>		
Angioedema	192	0
Circumoral swelling	1	0
<i>Apocrine and eccrine gland disorders</i>		
Anhidrosis	1	0
Bromhidrosis	1	0
Cold sweat	692	0
Hidradenitis	4	0
Hyperhidrosis	1976	0
Hypohidrosis	2	0
Milia	2	0
Miliaria	82	0
Night sweats	551	0
<i>Bullous conditions</i>		
Blister	414	0
Blister rupture	1	0
Blood blister	25	0
Dermatitis bullous	11	0
Erythema multiforme	36	0
Fracture blisters	1	0
Herpes gestationis	1	0
Pemphigoid	23	0
Pemphigus	7	0
Stevens-Johnson syndrome	5	0
Toxic epidermal necrolysis	2	1
<i>Connective tissue disorders</i>		
Cutaneous lupus erythematosus	1	0
Dermatomyositis	7	0
Subacute cutaneous lupus erythematosus	1	0
<i>Dermal and epidermal conditions NEC</i>		
Acute febrile neutrophilic dermatosis	1	0
Dermatosis	1	0
Dry skin	202	0
Koebner phenomenon	1	0
Macule	4	0
Neutrophilic dermatosis	1	0
Pain of skin	242	0
Papule	98	0
Pathergy reaction	1	0
Peau d'orange	2	0
Scab	20	0

Case Series Drug Analysis Print

Name: COVID-19 mRNA Pfizer- BioNTech vaccine analysis print

Reaction Name	Total	Fatal
Skin disorders Skin disorders cont'd		
Scar pain	12	0
Sensitive skin	155	0
Shagreen skin	1	0
Skin burning sensation	195	0
Skin degenerative disorder	1	0
Skin discolouration	117	0
Skin discomfort	5	0
Skin disorder	23	0
Skin fissures	8	0
Skin indentation	2	0
Skin induration	4	0
Skin lesion	40	0
Skin lesion inflammation	1	0
Skin necrosis	2	0
Skin odour abnormal	19	0
Skin plaque	3	0
Skin reaction	128	0
Skin sensitisation	36	0
Skin swelling	79	0
Skin texture abnormal	2	0
Skin tightness	26	0
Skin warm	273	0
Skin weeping	11	0
Sticky skin	2	0
Target skin lesion	2	0
Transient acantholytic dermatosis	1	0
Yellow skin	25	0
<i>Dermatitis and eczema</i>		
Dermatitis	121	0
Dermatitis allergic	206	0
Dermatitis atopic	35	0
Dermatitis contact	18	0
Dermatitis diaper	3	0
Dyshidrotic eczema	26	0
Eczema	283	0
Eczema asteatotic	9	0
Eczema infantile	1	0
Eczema nummular	5	0
Eczema weeping	1	0
Hand dermatitis	1	0
Intertrigo	1	0
Perioral dermatitis	2	0
Seborrhoeic dermatitis	3	0
Skin irritation	106	0
Stasis dermatitis	1	0
<i>Dermatitis ascribed to specific agent</i>		
Drug eruption	30	0
Drug reaction with eosinophilia and systemic symptoms	1	0
Fixed eruption	2	0
Palmar-plantar erythrodysesthesia syndrome	1	0
Toxic skin eruption	2	0
<i>Erythemas</i>		
Erythema	1947	0

Case Series Drug Analysis Print

Name: COVID-19 mRNA Pfizer- BioNTech vaccine analysis print

Reaction Name	Total	Fatal
Skin disorders Skin disorders cont'd		
Palmar erythema	4	0
Red man syndrome	2	0
Exfoliative conditions		
Dermatitis exfoliative	2	0
Dermatitis exfoliative generalised	5	0
Exfoliative rash	19	0
Keratolysis exfoliativa acquired	2	0
Skin exfoliation	107	0
Granulomatous and deep cutaneous inflammatory conditions		
Cutaneous sarcoidosis	1	0
Granuloma annulare	5	0
Hyperkeratoses		
Hyperkeratosis	1	0
Keratosis pilaris	3	0
Lichenoid keratosis	3	0
Hyperpigmentation disorders		
Argyria	1	0
Chloasma	1	0
Ephelides	1	0
Skin hyperpigmentation	4	0
Solar lentigo	2	0
Hypertrichoses		
Hirsutism	2	0
Hypopigmentation disorders		
Skin depigmentation	4	0
Skin hypopigmentation	1	0
Vitiligo	18	0
Lipodystrophies		
Lipoatrophy	4	0
Lipodystrophy acquired	1	0
Nail and nail bed conditions (excl infections and infestations)		
Nail discolouration	9	0
Nail disorder	2	0
Nail pigmentation	2	0
Nail ridging	3	0
Onychalgia	8	0
Onychoclasia	5	0
Onychomadesis	2	0
Splinter haemorrhages	3	0
Panniculitides		
Erythema nodosum	23	0
Panniculitis	1	0
Papulosquamous conditions		
Erythema annulare	2	0
Lichen planus	16	0
Lichen sclerosus	9	0
Parapsoriasis	2	0
Pityriasis rosea	106	0
Photosensitivity and photodermatosis conditions		
Photosensitivity reaction	58	0
Polymorphic light eruption	2	0
Solar dermatitis	1	0
Pigmentation changes NEC		

Case Series Drug Analysis Print

Name: COVID-19 mRNA Pfizer- BioNTech vaccine analysis print

Reaction Name	Total	Fatal
Skin disorders Skin disorders cont'd		
Haemosiderin stain	1	0
Pigmentation disorder	13	0
Pilar disorders NEC		
Hair colour changes	8	0
Hair disorder	1	0
Hair growth abnormal	5	0
Hair texture abnormal	5	0
Piloerection	25	0
Pseudofolliculitis	3	0
Trichorrhexis	2	0
Pruritus NEC		
Itching scar	5	0
Pruritus	4785	0
Psoriatic conditions		
Dermatitis psoriasiform	3	0
Guttate psoriasis	14	0
Nail psoriasis	1	0
Palmoplantar pustulosis	2	0
Psoriasis	167	0
Pustular psoriasis	2	0
Rebound psoriasis	1	0
Purpura and related conditions		
Ecchymosis	1	0
Henoch-Schonlein purpura	9	0
Petechiae	129	0
Purpura	48	0
Pustular conditions		
Acute generalised exanthematous pustulosis	1	0
Rashes, eruptions and exanthems NEC		
Butterfly rash	4	0
Rash	5059	1
Rash erythematous	1066	0
Rash macular	462	0
Rash maculo-papular	58	0
Rash morbilliform	42	0
Rash papular	310	0
Rash pruritic	1064	0
Rash vesicular	69	0
Systemic lupus erythematosus rash	7	0
Rosaceas		
Rosacea	27	0
Scaly conditions		
Dandruff	4	0
Pityriasis	22	0
Sebaceous gland disorders		
Seborrhoea	10	0
Skin and subcutaneous conditions NEC		
Cutaneous symptom	5	0
Reactive perforating collagenosis	1	0
Skin mass	19	0
Skin and subcutaneous tissue ulcerations		
Ischaemic skin ulcer	1	0
Mucocutaneous ulceration	1	0

Case Series Drug Analysis Print

Name: COVID-19 mRNA Pfizer- BioNTech vaccine analysis print

Reaction Name	Total	Fatal
Skin disorders Skin disorders cont'd		
Pyoderma gangrenosum	1	0
Scleroderma associated digital ulcer	1	0
Skin erosion	22	0
Skin ulcer	18	0
Skin cysts and polyps		
Dermal cyst	13	0
Skin dystrophies		
Keloid scar	3	0
Skin wrinkling	2	0
Skin haemorrhages		
Haemorrhage subcutaneous	10	0
Skin haemorrhage	18	0
Skin hyperplasias and hypertrophies		
Skin hypertrophy	2	0
Skin hypoplasias and atrophies		
Skin atrophy	2	0
Skin striae	7	0
Skin injuries and mechanical dermatoses		
Decubitus ulcer	2	0
Needle track marks	3	0
Skin preneoplastic conditions NEC		
Actinic keratosis	1	0
Skin vascular conditions NEC		
Skin oedema	4	0
Skin vasculitides		
Capillaritis	2	0
Cutaneous vasculitis	13	0
Hypersensitivity vasculitis	1	0
Vasculitic rash	18	0
Skin vasomotor conditions		
Livedo reticularis	20	0
Telangiectasia and related conditions		
Spider naevus	1	0
Telangiectasia	1	0
Urticarias		
Chronic spontaneous urticaria	7	0
Cold urticaria	5	0
Idiopathic urticaria	1	0
Mechanical urticaria	7	0
Solar urticaria	2	0
Urticaria	1659	0
Urticaria cholinergic	1	0
Urticaria chronic	16	0
Urticaria contact	1	0
Urticaria papular	4	0
Urticaria thermal	6	0
Urticarial vasculitis	3	0
Skin disorders SOC TOTAL	24870	2

Case Series Drug Analysis Print

Name: COVID-19 mRNA Pfizer- BioNTech vaccine analysis print

Reaction Name	Total	Fatal
Social circumstances		
<i>Age related issues</i>		
Infant	3	0
Menarche	1	0
Menopause	35	0
Postmenopause	3	0
<i>Criminal activity</i>		
Verbal abuse	1	0
<i>Dependents</i>		
Sick relative	2	0
<i>Dietary and nutritional issues</i>		
Feeding tube user	1	0
<i>Disability issues</i>		
Bedridden	24	0
Breast prosthesis user	3	0
Disability	2	0
Hearing disability	1	0
Housebound	1	0
Immobile	13	0
Impaired driving ability	4	0
Impaired work ability	11	0
Loss of personal independence in daily activities	38	0
Physical disability	5	0
Sight disability	10	0
Sitting disability	3	0
Walking disability	1	0
Wheelchair user	1	0
<i>Economic circumstances</i>		
High income	1	0
Low income	1	0
<i>Educational issues</i>		
Educational problem	1	0
Illiteracy	1	0
<i>Employment issues</i>		
Retirement	4	0
Stress at work	1	0
<i>Family and partner issues</i>		
Bed sharing	1	0
<i>Non-occupational and unspecified environmental problems</i>		
Flooding	1	0
Water pollution	2	0
<i>Pregnancy related circumstances</i>		
Breast feeding	14	0
Multigravida	1	0
Parity	1	0
<i>Social issues NEC</i>		
Exercise adequate	1	0
Hair dye user	2	0
Impaired quality of life	2	0
<i>Tobacco use</i>		
Ex-tobacco user	1	0
Non-tobacco user	3	0
Tobacco user	1	0
Social circumstances SOC TOTAL	202	0

Case Series Drug Analysis Print

Name: COVID-19 mRNA Pfizer- BioNTech vaccine analysis print

Reaction Name	Total	Fatal
Surgical & medical procedures		
<i>Anaesthesia and allied procedures</i>		
Local anaesthesia	2	0
Nerve block	4	0
<i>Analgesia supportive care</i>		
Analgesic therapy	1	0
<i>Antiinfective therapies</i>		
COVID-19 prophylaxis	1	0
COVID-19 treatment	3	0
<i>Arterial therapeutic procedures (excl aortic)</i>		
Splenic artery embolisation	1	0
<i>Blood and blood product treatment</i>		
Transfusion	2	0
<i>Breast therapeutic procedures NEC</i>		
Axillary lymphadenectomy	3	0
Mammoplasty	1	0
<i>Bronchial and pulmonary therapeutic procedures</i>		
Airway secretion clearance therapy	1	0
<i>Cardiac device therapeutic procedures</i>		
Cardiac pacemaker insertion	1	0
<i>Cardiac therapeutic procedures NEC</i>		
Cardiac operation	1	0
<i>Contraceptive methods female</i>		
Contraception	1	0
Contraceptive implant	3	0
Oral contraception	1	0
<i>Contraceptive methods male</i>		
Condom	1	0
<i>Dietary and nutritional therapies</i>		
Medical diet	8	0
Nothing by mouth order	9	0
Wheat-free diet	1	0
<i>External ear therapeutic procedures</i>		
Ear irrigation	1	0
<i>Fertility and fertilisation interventions female</i>		
Endometrial scratching	1	0
<i>Gastrointestinal therapeutic procedures NEC</i>		
Intestinal anastomosis	1	0
Prophylaxis of nausea and vomiting	14	0
<i>Gynaecological therapeutic procedures NEC</i>		
Menstrual cycle management	13	0
<i>Haematological therapeutic procedures NEC</i>		
Anticoagulant therapy	1	0
<i>Head, neck and oral cavity therapeutic procedures NEC</i>		
Neck lift	1	0
<i>Hernia repairs</i>		
Hernia repair	1	0
<i>Hormonal therapeutic procedures NEC</i>		
Hormone replacement therapy	1	0
Hormone therapy	8	0
Oestrogen replacement therapy	1	0
<i>Immunisations</i>		
COVID-19 immunisation	93	0
Immunisation	83	1

Case Series Drug Analysis Print

Name: COVID-19 mRNA Pfizer- BioNTech vaccine analysis print

Reaction Name	Total	Fatal
Surgical & medical procedures		
Influenza immunisation	1	0
Induced abortions		
Abortion induced	1	0
Joint therapeutic procedures		
Joint injection	3	0
Joint surgery	1	0
Knee arthroplasty	1	0
Large intestine therapeutic procedures		
Appendectomy	4	0
Limb therapeutic procedures		
Arm amputation	1	0
Limb immobilisation	8	0
Limb operation	6	0
Lymphoid tissue therapeutic procedures		
Lymphadenectomy	2	0
Splenectomy	1	0
Mastectomies		
Breast conserving surgery	4	0
Nail therapeutic procedures		
Nail operation	3	0
Nervous system therapeutic procedures NEC		
Multiple sclerosis relapse prophylaxis	2	0
Obstetric therapeutic procedures		
Labour stimulation	1	0
Orbit and globe therapeutic procedures		
Strabismus correction	1	0
Peripheral nerve therapeutic procedures		
Neurolysis	1	0
Peripheral nerve neurostimulation	1	0
Phototherapies		
UV light therapy	1	0
Prophylactic procedures NEC		
Anaphylaxis prophylaxis	2	0
Immune tolerance induction	1	0
Prophylaxis against transplant rejection	1	0
Reproductive system disorder prophylaxis	1	0
Psychiatric therapies		
Electroconvulsive therapy	1	0
Renal therapeutic procedures		
Dialysis	1	0
Respiratory tract therapeutic procedures NEC		
Asthma prophylaxis	3	0
Retinal therapeutic procedures		
Retinopexy	1	0
Skin and subcutaneous tissue therapeutic procedures NEC		
Dermal filler injection	5	0
Therapeutic skin care topical	1	0
Skull and brain therapeutic procedures		
Cerebrovascular operation	1	0
Posterior fossa decompression	1	0
Therapeutic bladder catheterisation		
Bladder catheterisation	2	0
Therapeutic procedures NEC		

Case Series Drug Analysis Print

Name: COVID-19 mRNA Pfizer- BioNTech vaccine analysis print

Reaction Name	Total	Fatal
Surgical & medical procedures		
Surgical & medical procedures cont'd		
Abscess drainage	1	0
Anaphylaxis treatment	5	0
Bed rest	2	0
Fatigue management	1	0
Hospitalisation	10	0
Injection	42	0
Interchange of vaccine products	17	0
Localised alternating hot and cold therapy	2	0
Magnetic therapy	1	0
Mass excision	2	0
Medical procedure	1	0
Medication dilution	2	0
Physical fitness training	1	0
Product used for unknown indication	2	0
Promotion of wound healing	1	0
Specialist consultation	1	0
Stent placement	1	0
Therapeutic procedure	1	0
Therapy change	1	0
Tracheal therapeutic procedures		
Tracheostomy	1	0
Uterine therapeutic procedures		
Endometrial ablation	3	0
Vascular therapeutic procedures NEC		
Angioplasty	1	0
Surgical & medical procedures SOC TOTAL	427	1

Case Series Drug Analysis Print

Name: COVID-19 mRNA Pfizer- BioNTech vaccine analysis print

Reaction Name	Total	Fatal
Vascular disorders		
<i>Accelerated and malignant hypertension</i>		
Hypertensive crisis	10	0
Hypertensive urgency	1	0
Malignant hypertension	4	0
<i>Aneurysms and dissections non-site specific</i>		
Aneurysm	2	0
Artery dissection	1	0
<i>Aortic aneurysms and dissections</i>		
Acute aortic syndrome	1	0
Aortic aneurysm rupture	1	1
Aortic dissection	1	0
<i>Aortic embolism and thrombosis</i>		
Aortic embolus	5	0
Aortic thrombosis	2	0
<i>Aortic necrosis and vascular insufficiency</i>		
Aortic occlusion	1	0
<i>Arterial infections and inflammations</i>		
Arteritis	1	0
Giant cell arteritis	11	0
<i>Blood pressure disorders NEC</i>		
Blood pressure fluctuation	10	0
Labile blood pressure	3	0
<i>Bruising, ecchymosis and purpura</i>		
Achenbach syndrome	3	0
<i>Circulatory collapse and shock</i>		
CT hypotension complex	2	0
Circulatory collapse	59	0
Hypoperfusion	2	0
Hypovolaemic shock	1	1
Neurogenic shock	21	0
Peripheral circulatory failure	6	0
Shock	18	0
<i>Haemorrhages NEC</i>		
Arterial haemorrhage	1	0
Bloody discharge	22	0
Haematoma	42	0
Haemorrhage	1108	2
Internal haemorrhage	8	0
Venous haemorrhage	2	0
<i>Lymphangiopathies</i>		
Lymphangiopathy	1	0
Lymphocele	4	0
<i>Lymphoedemas</i>		
Lymphoedema	182	0
<i>Non-site specific embolism and thrombosis</i>		
Arterial thrombosis	4	0
Embolism	60	0
Embolism venous	6	0
Microembolism	1	0
Thrombosis	382	8
Venous thrombosis	7	0
<i>Non-site specific necrosis and vascular insufficiency NEC</i>		
Arterial occlusive disease	2	0

Case Series Drug Analysis Print

Name: COVID-19 mRNA Pfizer- BioNTech vaccine analysis print

Reaction Name	Total	Fatal
Vascular disorders Vascular disorders cont'd		
Arterial spasm	1	0
Arteriosclerosis	2	0
Haemorrhagic infarction	1	0
Infarction	3	0
Ischaemia	9	0
Peripheral venous disease	1	0
Vascular occlusion	1	0
Vasospasm	1	0
Non-site specific vascular disorders NEC		
Capillary disorder	1	0
Capillary fragility	1	0
Superficial vein prominence	1	0
Vascular pain	31	0
Vascular wall hypertrophy	1	0
Vasodilatation	35	0
Vein discolouration	5	0
Vein disorder	6	0
Vein rupture	5	0
Peripheral embolism and thrombosis		
Axillary vein thrombosis	1	0
Blue toe syndrome	24	0
Deep vein thrombosis	254	1
Femoral artery embolism	1	0
Jugular vein thrombosis	3	0
Pelvic venous thrombosis	4	0
Peripheral artery thrombosis	1	0
Peripheral embolism	1	0
Subclavian artery embolism	1	0
Subclavian vein thrombosis	3	0
Thrombophlebitis	22	0
Thrombophlebitis superficial	17	0
Peripheral vascular disorders NEC		
Cyanosis	39	0
Erythromelalgia	2	0
Flushing	391	0
Hot flush	1057	0
Peripheral vascular disorder	1	0
Vein wall hypertrophy	1	0
Peripheral vasoconstriction, necrosis and vascular insufficiency		
Claudication of jaw muscles	1	0
Extremity necrosis	3	0
Iliac artery occlusion	1	0
Intermittent claudication	3	0
Ischaemic limb pain	1	0
Jugular vein occlusion	2	0
Peripheral arterial occlusive disease	2	0
Peripheral artery occlusion	1	0
Peripheral coldness	286	0
Peripheral ischaemia	12	0
Poor peripheral circulation	16	0
Raynaud's phenomenon	53	0
Subclavian vein occlusion	1	0
Vasoconstriction	2	0

Case Series Drug Analysis Print

Name: COVID-19 mRNA Pfizer- BioNTech vaccine analysis print

Reaction Name	Total	Fatal
Vascular disorders Vascular disorders cont'd		
<i>Phlebitis NEC</i>		
Phlebitis	31	0
Phlebitis superficial	6	0
<i>Site specific vascular disorders NEC</i>		
Inferior vena cava dilatation	1	0
Pallor	335	0
<i>Varicose veins NEC</i>		
Spider vein	6	0
Varicophlebitis	4	0
Varicose vein	28	0
<i>Vascular hypertensive disorders NEC</i>		
Diastolic hypertension	3	0
Essential hypertension	3	0
Hypertension	514	1
Labile hypertension	1	0
Orthostatic hypertension	1	0
Secondary hypertension	1	0
Systolic hypertension	5	0
White coat hypertension	1	0
<i>Vascular hypotensive disorders</i>		
Hypotension	363	1
Orthostatic hypotension	30	0
<i>Vasculitides NEC</i>		
Behcet's syndrome	4	0
Diffuse vasculitis	1	0
Granulomatosis with polyangiitis	2	0
MAGIC syndrome	1	0
Thromboangiitis obliterans	1	0
Vasculitis	44	0
<i>Vena caval embolism and thrombosis</i>		
Vena cava embolism	1	0
Vena cava thrombosis	1	0
Vascular disorders SOC TOTAL	5698	15
TOTAL REACTIONS FOR DRUG	357084	577
TOTAL REPORTS	126603	
TOTAL FATAL OUTCOME REPORTS		577