

## Medicine summary - Antipsychotics- carbamazepine

			Case Group	Death Outcomes	Sole	
Case Count			2408	38	1446	
Reaction Count	Blood and lymphatic system disorders	Anaemia	9	0	3	
		Aplastic anaemia	6	3	1	
		Bone marrow failure	8	0	5	
		Hypoplastic anaemia	2	0	2	
		Pancytopenia	22	3	11	
		Coagulopathy	4	0	1	
		Disseminated intravascular coagulation	1	0	0	
		Coombs positive haemolytic anaemia	4	0	1	
		Thrombocytopenia	85	3	48	
		Thrombocytopenia neonatal	1	0	1	
		Thrombocytopenic purpura	1	0	1	
		Thrombocytosis	1	0	1	
		Lymphadenitis	1	0	1	
		Lymphadenopathy	68	0	43	
		Necrotising granulomatous lymphadenitis	1	0	1	
		Splenomegaly	8	0	7	
		Eosinophilia	49	0	34	
		Leukocytosis	6	1	4	
		Lymphocytosis	6	0	6	
		Monocytosis	1	0	1	
		Leukopenia	38	0	22	
		Lymphopenia	15	0	11	
		Agranulocytosis	27	3	16	
	Neutropenia	76	2	38		
	<b>Blood and lymphatic system disorders</b>			<b>440</b>	<b>15</b>	<b>259</b>
	Cardiac disorders	Atrioventricular block	4	0	4	
		Bundle branch block	1	0	0	
		Arrhythmia	3	2	1	
		Bradycardia	8	0	6	
Extrasystoles		1	0	0		
Nodal arrhythmia		1	0	1		
Tachycardia		8	0	4		

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 (Causality possible,Causality probable,Causality certain)

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Reaction Count	Cardiac disorders	Atrial fibrillation	3	0	3		
		Supraventricular tachycardia	1	0	1		
		Cardiac arrest	4	3	1		
		Ventricular tachycardia	2	1	0		
		Cyanosis	4	1	3		
		Palpitations	5	0	3		
		Aortic valve stenosis	1	0	0		
		Tricuspid valve incompetence	1	0	1		
		Angina pectoris	2	0	1		
		Myocardial infarction	2	0	1		
		Cardiac failure	2	1	0		
		Cardiac failure congestive	2	0	2		
		Right ventricular failure	1	0	0		
		Cardiomegaly	1	0	0		
		Left ventricular hypertrophy	1	0	1		
		Myocarditis	3	1	2		
		Pericarditis	2	0	2		
		<b>Cardiac disorders</b>			<b>63</b>	<b>9</b>	<b>37</b>
			Congenital, familial and genetic disorders	Congenital arterial malformation	1	0	1
				Pulmonary artery stenosis congenital	1	0	0
Heart disease congenital	4			1	0		
Ventricular septal defect	2			0	1		
Ebstein's anomaly	1			0	1		
Congenital anomaly	1			0	0		
Foetal malformation	1			0	0		
Multiple congenital abnormalities	6			0	1		
Congenital eye disorder	1			0	0		
Pyloric stenosis	1			0	1		
Exomphalos	1			0	0		
Cleft palate	4			0	0		
Congenital jaw malformation	1			0	0		
Congenital hand malformation	4			0	1		
Microcephaly	3			0	1		

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			Case Group	Death Outcomes	Sole		
Reaction Count	Congenital, familial and genetic disorders	Skull malformation	1	0	1		
		Spine malformation	1	0	0		
		Congenital musculoskeletal anomaly	3	0	2		
		Dysmorphism	1	0	1		
		Meningomyelocele	3	0	0		
		Spina bifida	6	1	1		
		Congenital brain damage	1	0	0		
		Congenital hydrocephalus	6	0	1		
		Urinary tract malformation	1	0	1		
		Renal aplasia	1	0	1		
		Kidney duplex	1	0	0		
		Hypospadias	2	0	0		
		Tracheo-oesophageal fistula	1	0	1		
		Pulmonary malformation	1	1	1		
		Congenital nail disorder	2	0	1		
		<b>Congenital, familial and genetic disorders</b>			<b>63</b>	<b>3</b>	<b>18</b>
		Ear and labyrinth disorders	Otorrhoea	1	0	1	
	Deafness		5	0	3		
	Hearing impaired		2	0	2		
	Tinnitus		8	0	5		
	Vertigo		16	0	10		
	<b>Ear and labyrinth disorders</b>			<b>32</b>	<b>0</b>	<b>21</b>	
	Endocrine disorders	Adrenal insufficiency	1	1	0		
		Inappropriate antidiuretic hormone secretion	32	1	19		
		Hyperparathyroidism	1	0	1		
		Hypothyroidism	1	0	0		
		<b>Endocrine disorders</b>			<b>35</b>	<b>2</b>	<b>20</b>
	Eye disorders	Cataract	1	0	0		
		Dry eye	1	0	1		
		Lacrimal disorder	1	0	1		
		Eye pain	5	0	4		
		Eye swelling	1	0	0		
		Periorbital oedema	15	0	12		

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Reaction Count	Eye disorders	Glaucoma	4	0	3	
		Conjunctival hyperaemia	1	0	0	
		Conjunctival ulcer	1	0	0	
		Conjunctivitis	32	0	25	
		Keratitis	1	0	0	
		Ulcerative keratitis	2	0	2	
		Uveitis	1	0	0	
		Eyelid oedema	2	0	1	
		Eye pruritus	1	0	1	
		Ocular hyperaemia	2	0	2	
		Scleritis	1	0	1	
		Blepharospasm	1	0	0	
		Eyelid ptosis	1	0	0	
		Eye movement disorder	1	0	1	
		Oculogyric crisis	1	0	1	
		Pupillary reflex impaired	1	0	1	
		Photophobia	10	0	8	
		Papilloedema	1	0	1	
		Visual acuity reduced	1	0	1	
		Accommodation disorder	1	0	0	
		Diplopia	25	0	19	
		Vision blurred	10	0	5	
		Visual impairment	22	0	9	
	<b>Eye disorders</b>			<b>147</b>	<b>0</b>	<b>99</b>
	Gastrointestinal disorders	Tooth discolouration	1	0	0	
		Gingival hyperplasia	1	0	1	
		Gingivitis	1	0	1	
		Gingival bleeding	3	0	2	
Pancreatitis		3	1	1		
Gastrointestinal disorder		1	0	1		
Rectal haemorrhage		4	0	2		
Haematemesis		6	0	3		
Melaena	2	0	0			

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Reaction Count			Case Group	Death Outcomes	Sole
	Gastrointestinal disorders	Colitis	2	0	2
		Colitis ulcerative	1	0	1
		Gastritis	4	0	2
		Gastritis haemorrhagic	1	1	0
		Enteritis	1	0	1
		Oesophagitis	2	0	1
		Proctitis	1	0	1
		Diarrhoea	52	0	38
		Constipation	12	0	8
		Gastrooesophageal reflux disease	1	0	1
		Irritable bowel syndrome	1	0	1
		Dyspepsia	7	0	4
		Eructation	3	0	3
		Faeces discoloured	1	0	1
		Faeces pale	1	0	1
		Abdominal distension	3	1	2
		Abdominal pain	39	0	28
		Abdominal pain upper	5	0	5
		Abdominal rigidity	1	0	1
		Abdominal discomfort	1	0	1
		Dysphagia	10	0	7
		Aphagia	1	0	1
		Nausea	156	1	91
		Vomiting	128	2	74
		Duodenal ulcer	1	0	0
		Oesophagitis ulcerative	1	0	0
		Cheilitis	1	0	0
		Lip blister	2	0	1
		Lip swelling	6	0	5
		Lip haemorrhage	1	0	1
		Mouth haemorrhage	2	0	2
		Lip pain	1	0	1
		Oral pain	1	0	1

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Reaction Count	Gastrointestinal disorders	Lip discolouration	1	0	1		
		Oedema mouth	2	0	2		
		Aphthous stomatitis	2	0	2		
		Mouth ulceration	41	0	33		
		Stomatitis	6	0	3		
		Ascites	2	0	0		
		Dry mouth	14	0	8		
		Salivary hypersecretion	2	0	2		
		Salivary gland enlargement	1	0	0		
		Glossitis	3	0	1		
		Tongue disorder	1	0	0		
		Tongue ulceration	1	0	1		
		Swollen tongue	3	0	3		
		Tongue discolouration	1	0	0		
		Tongue oedema	9	0	7		
		<b>Gastrointestinal disorders</b>			<b>561</b>	<b>6</b>	<b>360</b>
		General disorders and administration site conditions	Hypothermia	2	0	0	
	Pyrexia		308	2	218		
	Death		1	1	0		
	Death neonatal		2	0	0		
	Sudden death		11	11	1		
	Asthenia		23	0	16		
	Fatigue		72	0	50		
	Malaise		86	0	61		
	Gait disturbance		14	0	8		
	Condition aggravated		3	0	1		
	Influenza like illness		7	0	6		
Irritability	1		0	0			
Multi-organ failure	1		0	0			
Swelling	1	0	1				
Hernia	2	0	1				
Inflammation	2	0	2				
Enanthema	2	0	2				

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Reaction Count	General disorders and administration site conditions	Mucosal inflammation	6	0	4		
		Mucosal ulceration	1	0	1		
		Face oedema	42	0	29		
		Generalised oedema	5	0	4		
		Gravitational oedema	7	0	3		
		Localised oedema	2	0	1		
		Oedema	14	0	10		
		Oedema peripheral	23	0	14		
		Chest pain	8	0	6		
		Facial pain	1	0	1		
		Pain	16	0	11		
		Chest discomfort	1	0	1		
		Chills	74	0	54		
		Feeling abnormal	3	0	1		
		Feeling drunk	1	0	0		
		Feeling hot	1	0	1		
		Thirst	2	0	1		
		Drug interaction	43	0	1		
		Drug effect decreased	1	0	0		
		Drug ineffective	47	2	25		
		Therapeutic response decreased	10	0	6		
		Therapeutic response unexpected	1	0	1		
		Drug withdrawal syndrome	3	0	2		
		Impaired healing	1	0	0		
		Fat necrosis	1	0	0		
		Ulcer	1	0	1		
		Incorrect product storage	1	0	1		
		Product formulation issue	1	0	1		
		Product quality issue	1	0	1		
		<b>General disorders and administration site conditions</b>		<b>856</b>	<b>16</b>	<b>548</b>	
			Hepatobiliary disorders	Cholangitis	1	0	0
				Vanishing bile duct syndrome	1	0	1

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Reaction Count	Hepatobiliary disorders	Cholestasis	1	0	1		
		Hepatitis cholestatic	23	0	14		
		Jaundice	37	1	25		
		Liver injury	4	0	3		
		Hepatic function abnormal	204	2	133		
		Hepatic failure	10	2	0		
		Hepatic cirrhosis	1	0	0		
		Hepatomegaly	20	0	14		
		Hepatosplenomegaly	4	0	3		
		Autoimmune hepatitis	1	0	0		
		Granulomatous liver disease	1	0	1		
		Hepatic necrosis	3	3	0		
		Hepatitis	88	2	58		
		Hepatitis acute	1	0	1		
		Hepatocellular injury	6	0	3		
		Hepatotoxicity	1	0	1		
		<b>Hepatobiliary disorders</b>			<b>407</b>	<b>10</b>	<b>258</b>
		Immune system disorders	Hypersensitivity	14	1	11	
Serum sickness	1		0	1			
<b>Immune system disorders</b>	<b>15</b>		<b>1</b>	<b>12</b>			
Infections and infestations	Staphylococcal infection	1	0	0			
	Candidiasis	2	0	1			
	Breast abscess	1	0	1			
	Meningitis	2	1	1			
	Hordeolum	1	0	1			
	Vaginal infection	1	0	1			
	Infection	1	0	1			
	Purulent discharge	1	0	1			
	Bronchitis	1	0	1			
	Pneumonia	10	1	5			
	Sepsis	4	1	0			
	Rash pustular	5	0	3			
	Nasopharyngitis	1	0	0			

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Reaction Count	Infections and infestations	Pharyngitis	23	0	15
		Rhinitis	3	0	0
		Tonsillitis	1	0	1
		Upper respiratory tract infection	1	0	1
		Herpes simplex	1	0	1
		Herpes zoster	1	0	0
		Genital herpes	1	0	0
		<b>Infections and infestations</b>	<b>62</b>	<b>3</b>	<b>34</b>
	Injury, poisoning and procedural complications	Accidental poisoning	1	1	0
		Toxicity to various agents	11	4	2
		Drug exposure during pregnancy	12	1	4
		Subdural haematoma	1	1	0
		Fall	9	0	4
		Head injury	1	0	1
		Contusion	2	0	2
		Laceration	1	0	0
		Inappropriate schedule of drug administration	1	0	0
		Wrong technique in drug usage process	1	0	1
		Drug dispensing error	1	0	1
		Medication error	2	0	2
		Accidental exposure	1	0	1
		Overdose	3	2	1
		<b>Injury, poisoning and procedural complications</b>	<b>47</b>	<b>9</b>	<b>19</b>
	Investigations	Electrocardiogram abnormal	1	0	0
		Heart rate decreased	1	0	1
		Heart rate increased	1	0	0
		Heart rate irregular	1	0	0
		Blood pressure increased	2	0	1
		Cytogenetic analysis abnormal	1	0	0
		Cortisol free urine increased	1	0	1
		Blood prolactin increased	1	0	1
		Pregnancy test urine positive	1	0	0

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Reaction Count	Investigations	Case Group	Death Outcomes	Sole
	Thyroid function test abnormal	1	0	1
	Blood creatine phosphokinase increased	7	0	2
	Troponin I increased	1	0	0
	Troponin increased	1	0	0
	Blood alkaline phosphatase increased	5	0	2
	Blood lactate dehydrogenase increased	1	0	1
	International normalised ratio decreased	1	0	1
	International normalised ratio increased	3	0	1
	Prothrombin level decreased	2	1	1
	Prothrombin level increased	1	0	0
	Red blood cell sedimentation rate increased	10	0	6
	Platelet count decreased	1	0	1
	Platelet count increased	1	0	1
	Haemoglobin decreased	1	0	0
	White blood cell count decreased	1	0	1
	Alanine aminotransferase increased	4	0	1
	Aspartate aminotransferase increased	2	0	1
	Gamma-glutamyltransferase increased	9	0	5
	Hepatic enzyme increased	3	0	3
	Liver function test abnormal	27	0	24
	Antinuclear antibody positive	1	0	0
	Blood cholesterol increased	3	0	2
	Carnitine decreased	2	0	0
	Blood triglycerides increased	3	0	2
	Blood folate abnormal	1	0	0
	Nuclear magnetic resonance imaging brain abnormal	1	0	1
	Electroencephalogram abnormal	1	0	0
	Intraocular pressure increased	1	0	1
	Weight decreased	15	0	8
	Weight increased	10	0	7
	C-reactive protein increased	5	0	3
	Globulins decreased	1	0	1
	Blood creatinine increased	2	0	0

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Reaction Count	Investigations	Urine analysis abnormal	8	0	8
		Urine colour abnormal	3	0	3
		Anticonvulsant drug level increased	2	0	1
		Drug level above therapeutic	3	0	3
		Drug level changed	1	0	0
		Drug level decreased	13	0	2
		Drug level increased	55	0	18
		Blood calcium decreased	1	0	0
		Blood sodium decreased	2	0	2
		Blood osmolarity decreased	1	0	0
		<b>Investigations</b>	<b>227</b>	<b>1</b>	<b>118</b>
	Metabolism and nutrition disorders	Metabolic acidosis	1	0	0
		Alkalosis	1	0	1
		Acidosis	1	0	1
		Decreased appetite	45	0	30
		Hypophagia	1	0	0
		Increased appetite	1	0	1
		Feeding disorder neonatal	1	0	1
		Hypercalcaemia	1	0	0
		Hypocalcaemia	6	1	4
		Tetany	1	0	0
		Hypomagnesaemia	3	1	2
Hypochloraemia		5	0	5	
Polydipsia		5	0	3	
Hyperkalaemia		5	1	2	
Hypokalaemia		15	1	7	
Hyponatraemia		174	2	92	
Dehydration		7	0	3	
Hypovolaemia		1	0	0	
Fluid retention		2	0	2	
Alcohol intolerance	1	0	0		
Diabetes mellitus	3	0	2		
Hyperglycaemia	2	0	1		

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Reaction Count	Metabolism and nutrition disorders	Hypoglycaemia	1	0	1
		Hypercholesterolaemia	3	0	2
		Hypoalbuminaemia	1	0	1
		Hypoproteinaemia	1	0	1
		Gout	1	0	1
		<b>Metabolism and nutrition disorders</b>	<b>289</b>	<b>6</b>	<b>163</b>
	Musculoskeletal and connective tissue disorders	Osteomalacia	1	0	1
		Osteoporosis	4	0	3
		Collagen disorder	1	0	0
		Systemic lupus erythematosus	9	0	4
		Pathological fracture	1	0	1
		Arthritis	6	0	5
		Arthropathy	2	0	2
		Haemarthrosis	1	0	0
		Arthralgia	37	0	30
		Joint swelling	2	0	1
		Osteoarthritis	2	0	2
		Myositis	5	0	3
		Myalgia	43	0	33
		Muscle spasms	6	0	5
		Muscle tightness	1	0	1
		Muscle twitching	5	0	4
		Muscle rigidity	1	0	1
		Muscular weakness	1	0	0
		Dupuytren's contracture	1	0	0
		Mobility decreased	1	0	0
		Musculoskeletal stiffness	2	0	2
		Back pain	7	0	5
		Limb discomfort	1	0	1
Neck pain	3	0	1		
Pain in extremity	4	0	2		
Tendonitis	2	0	2		

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	Musculoskeletal and connective tissue disorders	<b>Musculoskeletal and connective tissue disorders</b>	<b>149</b>	<b>0</b>	<b>109</b>
	Neoplasms benign, malignant and unspecified (incl cysts and polyps)	Breast cancer	1	0	1
		Pseudolymphoma	4	0	4
		Benign hepatic neoplasm	2	0	1
		Myelodysplastic syndrome	1	0	0
		Lymphoma	1	0	0
		Teratoma	1	0	1
		<b>Neoplasms benign, malignant and unspecified (incl cysts and polyps)</b>	<b>10</b>	<b>0</b>	<b>7</b>
	Nervous system disorders	Encephalitis	1	0	1
		Cerebral haemorrhage	2	0	0
		Cerebral haemorrhage neonatal	1	0	0
		Cerebrovascular disorder	1	0	0
		Transient ischaemic attack	1	0	0
		Anosmia	1	0	1
		Parosmia	1	0	1
		Optic neuritis	1	0	1
		Trigeminal neuralgia	2	0	2
		Encephalopathy	7	0	1
		Hypoxic-ischaemic encephalopathy	1	1	0
		Headache	<b>100</b>	<b>2</b>	<b>73</b>
		Migraine	4	0	3
		Brain oedema	2	2	0
		Intracranial pressure increased	2	1	1
		Dementia	3	0	1
		Amnesia	9	0	4
		Memory impairment	1	0	0
		Disturbance in attention	7	0	3
		Mental impairment	1	0	0
	Choreoathetosis	6	0	5	
	Clumsiness	1	0	1	
	Dyskinesia	6	0	3	
	Extrapyramidal disorder	3	0	2	

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	Nervous system disorders	Hypokinesia	4	0	2
		Psychomotor hyperactivity	1	0	1
		Dystonia	1	0	1
		Opisthotonus	2	0	1
		Locked-in syndrome	1	0	0
		Paralysis	2	0	2
		Paresis	4	0	1
		Cogwheel rigidity	1	0	0
		Parkinsonism	1	0	0
		Tremor	22	0	8
		Ataxia	96	0	54
		Balance disorder	4	0	3
		Cerebellar syndrome	3	0	2
		Coordination abnormal	13	0	8
		Dysstasia	2	0	1
		Nystagmus	25	0	9
		Coma	15	0	6
		Aphasia	8	0	4
		Altered state of consciousness	1	0	0
		Consciousness fluctuating	6	0	2
		Lethargy	22	0	12
		Loss of consciousness	2	0	1
		Sedation	3	0	1
		Somnolence	85	0	53
		Stupor	2	0	1
		Syncope	13	2	2
		Nervous system disorder	1	0	1
		Dizziness	76	0	47
		Drooling	1	0	0
		Head discomfort	1	0	1
		Meningism	3	0	3
		Presyncope	1	0	1
	Burning sensation	2	0	1	

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			Case Group	Death Outcomes	Sole	
Reaction Count	Nervous system disorders	Paraesthesia	18	0	12	
		Ageusia	3	0	3	
		Dysgeusia	8	0	6	
		Hypoaesthesia	10	0	7	
		Neuralgia	4	0	1	
		Sensory disturbance	1	0	1	
		Dysarthria	12	0	7	
		Speech disorder	14	0	7	
		Visual field defect	19	0	0	
		Horner's syndrome	1	0	1	
		Upper motor neurone lesion	1	0	1	
		Hypertonia	9	0	5	
		Hypotonia	1	0	1	
		Neuroleptic malignant syndrome	1	0	0	
		Carpal tunnel syndrome	1	0	0	
		Neuropathy peripheral	3	0	0	
		Petit mal epilepsy	1	0	1	
		Grand mal convulsion	11	1	3	
		Complex partial seizures	1	0	1	
		Convulsion	90	5	32	
		Drug withdrawal convulsions	1	0	0	
		Epilepsy	1	0	0	
		Tonic convulsion	1	0	1	
		Hypersomnia	1	0	1	
		<b>Nervous system disorders</b>		<b>801</b>	<b>14</b>	<b>423</b>
		Pregnancy, puerperium and perinatal conditions	Abortion spontaneous	4	0	1
			Intra-uterine death	5	1	1
	Stillbirth		1	0	1	
Foetal growth restriction	3		0	0		
Delayed delivery	1		0	1		
Ectopic pregnancy	2		0	0		
Premature baby	1		0	0		
Jaundice neonatal	2		0	2		

 Outcome Description


 (Causality possible,Causality probable,Causality certain)

 Suspect Type

 Suspect Code

 Case Group

 GM

 Carbamazepine

## Medicine summary - Antipsychotics- carbamazepine

Reaction Count			Case Group	Death Outcomes	Sole
	Pregnancy, puerperium and perinatal conditions	Neonatal disorder	1	0	0
		Polyhydramnios	1	1	1
		Pregnancy with implant contraceptive	4	0	0
		Unintended pregnancy	43	0	1
		<b>Pregnancy, puerperium and perinatal conditions</b>	<b>68</b>	<b>2</b>	<b>8</b>
	Psychiatric disorders	Agitation	21	0	12
		Anxiety	6	0	1
		Nervousness	8	0	4
		Obsessive-compulsive disorder	1	0	0
		Catatonia	2	0	0
		Restlessness	1	0	0
		Head banging	1	0	1
		Logorrhoea	1	0	1
		Confusional state	81	0	37
		Disorientation	3	0	3
		Delirium	5	0	1
		Depression	11	0	8
		Depressed mood	1	0	0
		Psychomotor retardation	1	0	0
		Depersonalisation	4	0	4
		Delusion	3	0	0
		Hallucination	18	0	10
		Hallucination, visual	1	0	1
		Bradyphrenia	1	0	0
		Thinking abnormal	7	0	5
		Eating disorder	1	0	1
		Bipolar disorder	1	0	1
Mania	5	0	2		
Affect lability	2	0	1		
Emotional distress	1	0	1		
Euphoric mood	2	0	2		
Mood altered	2	0	2		

 Outcome Description

 (Causality possible,Causality probable,Causality certain)

 Suspect Type

 Suspect Code

 Case Group

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 Carbamazepine



## Medicine summary - Antipsychotics- carbamazepine

			Case Group	Death Outcomes	Sole		
Reaction Count	Psychiatric disorders	Mood swings	1	0	1		
		Apathy	3	0	3		
		Aggression	12	0	6		
		Grandiosity	1	0	1		
		Paranoia	3	0	1		
		Personality disorder	2	0	2		
		Abnormal behaviour	2	0	0		
		Hypervigilance	1	0	1		
		Mental status changes	1	0	0		
		Withdrawal syndrome	5	0	3		
		Acute psychosis	1	0	0		
		Psychotic disorder	7	0	0		
		Libido decreased	5	0	4		
		Insomnia	9	0	6		
		Abnormal dreams	1	0	0		
		Nightmare	7	0	4		
		Sleep disorder	2	0	2		
		Polydipsia psychogenic	1	0	1		
		Completed suicide	1	1	0		
		Suicidal ideation	1	0	1		
		Suicide attempt	2	0	0		
		<b>Psychiatric disorders</b>			<b>259</b>	<b>1</b>	<b>134</b>
			Renal and urinary disorders	Bladder dilatation	1	0	1
				Glomerulonephritis	2	0	1
				Nephrotic syndrome	1	0	0
Tubulointerstitial nephritis	4			0	2		
Renal tubular acidosis	1			0	0		
Oliguria	4			0	1		
Renal failure	1			0	0		
Renal failure acute	14			0	3		
Renal impairment	11			0	7		
Urethral obstruction	1			0	1		
Dysuria	6			0	4		

 Outcome Description


 (Causality possible,Causality probable,Causality certain)

 Suspect Type

 Suspect Code

 Case Group

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 Carbamazepine

## Medicine summary - Antipsychotics- carbamazepine

			Case Group	Death Outcomes	Sole		
Reaction Count	Renal and urinary disorders	Micturition disorder	3	0	1		
		Micturition urgency	1	0	1		
		Pollakiuria	7	0	4		
		Urinary incontinence	8	0	5		
		Urinary retention	9	0	4		
		Albuminuria	5	0	5		
		Chromaturia	3	0	2		
		Haematuria	11	0	9		
		Nocturia	2	0	2		
		Polyuria	5	0	5		
		Renal pain	4	0	2		
		Nephrolithiasis	2	0	0		
		<b>Renal and urinary disorders</b>			<b>106</b>	<b>0</b>	<b>60</b>
		Reproductive system and breast disorders	Breast enlargement	1	0	1	
	Gynaecomastia		7	0	4		
	Breast engorgement		1	0	0		
	Breast pain		1	0	1		
	Galactorrhoea		5	0	3		
	Balanoposthitis		1	0	1		
	Menstrual disorder		2	0	1		
	Menstruation irregular		2	0	1		
	Metrorrhagia		2	0	0		
	Amenorrhoea		3	0	2		
	Menstruation delayed		1	0	1		
	Menorrhagia		3	0	2		
	Scrotal oedema		1	0	0		
	Genital ulceration	7	0	2			
Pelvic pain	1	0	0				
Ejaculation failure	1	0	0				
Erectile dysfunction	6	0	5				
Vaginal haemorrhage	3	0	0				
Vulval ulceration	1	0	1				
<b>Reproductive system and breast disorders</b>			<b>49</b>	<b>0</b>	<b>25</b>		

 Outcome Description


 (Causality possible,Causality probable,Causality certain)

 Suspect Type

 Suspect Code

 Case Group

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 Carbamazepine

## Medicine summary - Antipsychotics- carbamazepine

			Case Group	Death Outcomes	Sole	
Reaction Count	Respiratory, thoracic and mediastinal disorders	Bronchospasm	4	0	3	
		Wheezing	1	0	1	
		Eosinophilic pneumonia	1	0	1	
		Pneumonitis	1	0	1	
		Lung infiltration	5	0	3	
		Pulmonary oedema	1	0	1	
		Neonatal respiratory distress syndrome	1	0	0	
		Pleural effusion	3	0	1	
		Pulmonary embolism	5	0	2	
		Apnoea	1	0	0	
		Dyspnoea	27	1	18	
		Dyspnoea paroxysmal nocturnal	1	0	1	
		Hyperventilation	1	0	0	
		Orthopnoea	1	0	1	
		Respiratory depression	1	0	1	
		Respiratory distress	2	0	1	
		Hypoxia	5	0	4	
		Cough	24	0	19	
		Haemoptysis	1	0	0	
		Hiccups	2	0	0	
		Respiratory disorder	1	0	1	
		Respiratory tract irritation	1	0	0	
		Dry throat	1	0	0	
		Oropharyngeal blistering	1	0	1	
		Oropharyngeal pain	10	0	8	
		Stridor	1	0	0	
		Epistaxis	6	0	5	
	<b>Respiratory, thoracic and mediastinal disorders</b>			<b>109</b>	<b>1</b>	<b>73</b>
	Skin and subcutaneous tissue disorders	Angioedema	5	0	1	
		Urticaria	59	0	42	
		Lichenoid keratosis	6	0	3	
		Skin atrophy	1	0	1	

 Outcome Description


 (Causality possible,Causality probable,Causality certain)

 Suspect Type

 Suspect Code

 Case Group

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 Carbamazepine

## Medicine summary - Antipsychotics- carbamazepine

Reaction Count			Case Group	Death Outcomes	Sole
	Skin and subcutaneous tissue disorders	Blister	8	0	8
		Dermatitis bullous	18	0	10
		Erythema multiforme	23	0	17
		Stevens-Johnson syndrome	75	1	53
		Toxic epidermal necrolysis	17	1	11
		Dermatosis	1	0	1
		Dry skin	1	0	1
		Pain of skin	1	0	0
		Skin burning sensation	1	0	1
		Skin discolouration	7	0	4
		Skin fissures	1	0	0
		Skin reaction	1	0	1
		Swelling face	4	0	3
		Dermatitis	9	0	6
		Eczema	6	0	6
		Drug eruption	2	0	1
		Drug rash with eosinophilia and systemic symptoms	8	0	7
		Erythema	6	0	2
		Generalised erythema	2	0	1
		Rash erythematous	133	1	94
		Dermatitis exfoliative	28	0	22
		Exfoliative rash	4	0	2
		Skin exfoliation	31	0	22
		Necrobiosis lipoidica diabetorum	1	0	0
		Interstitial granulomatous dermatitis	1	0	1
		Rash papular	2	0	2
		Photosensitivity reaction	36	0	28
		Pruritus	218	0	153
		Rash pruritic	7	0	4
		Dermatitis psoriasiform	4	0	3
		Psoriasis	2	0	2
		Acute generalised exanthematous pustulosis	1	0	1
	Fixed eruption	1	0	0	

 Outcome Description


 (Causality possible,Causality probable,Causality certain)

 Suspect Type

 Suspect Code

 Case Group

 GM

 Carbamazepine

## Medicine summary - Antipsychotics- carbamazepine

			Case Group	Death Outcomes	Sole	
Reaction Count	Skin and subcutaneous tissue disorders	Rash	270	0	196	
		Rash generalised	8	0	5	
		Rash macular	6	0	5	
		Rash maculo-papular	238	0	159	
		Rash morbilliform	43	0	30	
		Rash vesicular	2	0	1	
		Systemic lupus erythematosus rash	4	0	4	
		Decubitus ulcer	1	0	1	
		Lentigo	1	0	1	
		Penile ulceration	1	0	1	
		Skin ulcer	2	0	0	
		Acne	2	0	2	
		Alopecia	19	0	11	
		Cold sweat	3	0	2	
		Hyperhidrosis	53	0	41	
		Night sweats	4	0	2	
		Sweat gland disorder	1	0	0	
		Hirsutism	2	0	2	
		Hypertrichosis	2	0	2	
		Nail disorder	1	0	0	
		Hair colour changes	1	0	0	
		Petechiae	4	0	2	
		Purpura	39	2	25	
		Leukocytoclastic vasculitis	2	0	2	
		Livedo reticularis	1	0	0	
		<b>Skin and subcutaneous tissue disorders</b>			<b>1441</b>	<b>5</b>
	Social circumstances	Treatment noncompliance	1	0	0	
		<b>Social circumstances</b>	<b>1</b>	<b>0</b>	<b>0</b>	
	Surgical and medical procedures	Drug therapy changed	2	0	2	
		Therapy regimen changed	16	0	10	
		<b>Surgical and medical procedures</b>	<b>18</b>	<b>0</b>	<b>12</b>	
	Vascular disorders	Blood pressure fluctuation	1	0	1	
		Circulatory collapse	6	0	2	

 Outcome Description

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 Suspect Type

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 Case Group


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 Carbamazepine

## Medicine summary - Antipsychotics- carbamazepine


			Case Group	Death Outcomes	Sole	
Reaction Count	Vascular disorders	Hypotension	17	0	10	
		Orthostatic hypotension	4	0	2	
		Thrombosis	2	1	1	
		Deep vein thrombosis	1	0	1	
		Thrombophlebitis superficial	2	0	2	
		Vasodilatation	1	0	1	
		Vein pain	1	0	1	
		Flushing	7	0	6	
		Hot flush	2	0	1	
		Pallor	3	0	2	
		Haematoma	1	0	0	
		Haemorrhage	1	0	1	
		Hypertension	6	0	5	
		Vasculitis	6	0	6	
		<b>Vascular disorders</b>		<b>61</b>	<b>1</b>	<b>42</b>
		<b>Reaction</b>			<b>6316</b>	<b>105</b>


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 Outcome Description


 (Causality possible,Causality probable,Causality certain)

 Suspect Type

 Suspect Code

 Case Group

 GM

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