

## **Medicine summary - Antipsychotics- olanzapine**

		Case Group	Death Outcomes	Sole
Case Count		<b>1491</b>	<b>62</b>	<b>977</b>
Reaction Count	Blood and lymphatic system disorders	Anaemia	6	1
		Hypochromic anaemia	6	0
		Normochromic normocytic anaemia	1	0
		Aplastic anaemia	2	0
		Bone marrow failure	2	0
		Pancytopenia	7	0
		Thrombocytopenia	10	0
		Thrombocytosis	1	0
		Splenomegaly	1	0
		Eosinophilia	4	0
		Leukocytosis	16	1
		Lymphocytosis	1	1
		Monocytosis	1	0
		Neutrophilia	2	0
		Eosinopenia	1	0
		Leukopenia	30	0
		Lymphopenia	3	0
		Agranulocytosis	7	0
		Febrile neutropenia	4	0
		Neutropenia	63	1
		<b>Blood and lymphatic system disorders</b>	<b>168</b>	<b>4</b>
			87	
Cardiac disorders	Cardiac disorders	Atrioventricular block	2	0
		Bundle branch block	1	0
		Arrhythmia	4	2
		Bradycardia	10	1
		Extrasystoles	3	0
		Tachycardia	24	0
		Atrial fibrillation	7	0
		Sinus arrest	1	0
		Sinus bradycardia	1	0
		Sinus tachycardia	1	0
		Supraventricular tachycardia	2	0

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Reaction Count	Cardiac disorders	Cardiac arrest	9	7	4
		Torsade de pointes	2	0	1
		Ventricular extrasystoles	1	0	1
		Ventricular fibrillation	1	1	1
		Ventricular tachycardia	4	0	3
		Cardiac disorder	2	0	1
		Cyanosis	1	0	1
		Palpitations	4	0	0
		Mitral valve incompetence	1	0	0
		Myocardial infarction	5	0	3
		Cardiac failure	6	0	2
		Cardiac failure acute	1	0	0
		Cardiac failure congestive	1	0	1
		Cardiomyopathy	12	2	3
		Cardiomegaly	3	0	3
		Myocarditis	5	2	0
		Cardiac tamponade	1	0	1
		Pericardial effusion	3	0	1
		<b>Cardiac disorders</b>	<b>118</b>	<b>15</b>	<b>60</b>
Congenital, familial and genetic disorders	Congenital, familial and genetic disorders	Ebstein's anomaly	1	0	0
		Oesophageal atresia	1	0	1
		Cleft palate	1	0	0
		Cleft lip	1	0	1
		Congenital foot malformation	1	0	0
		Polydactyly	1	0	0
		Congenital brain damage	1	0	1
		Congenital hydrocephalus	1	0	1
		Renal aplasia	1	0	0
		Tracheo-oesophageal fistula	1	0	1
		<b>Congenital, familial and genetic disorders</b>	<b>10</b>	<b>0</b>	<b>5</b>
Ear and labyrinth disorders	Ear and labyrinth disorders	Hyperacusis	1	0	1
		Tinnitus	3	0	1
		Vertigo	2	0	1

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	Ear and labyrinth disorders	<b>Ear and labyrinth disorders</b>	<b>6</b>	<b>0</b>	<b>3</b>
	Endocrine disorders	Cushing's syndrome	2	0	1
		Hyperprolactinaemia	13	0	11
		Inappropriate antidiuretic hormone secretion	1	0	1
		<b>Endocrine disorders</b>	<b>16</b>	<b>0</b>	<b>13</b>
	Eye disorders	Cataract	2	0	1
		Eye disorder	1	0	1
		Eye pain	1	0	0
		Periorbital oedema	3	0	2
		Conjunctivitis	4	0	3
		Conjunctival irritation	1	0	0
		Blepharitis	1	0	1
		Blepharospasm	1	0	1
		Eyelid ptosis	2	0	0
		Oculogyric crisis	4	0	3
		Miosis	4	0	3
		Mydriasis	1	0	1
		Photophobia	2	0	1
		Retinal degeneration	1	0	0
		Visual acuity reduced	1	0	1
		Chromatopsia	1	0	1
		Vision blurred	8	0	7
		Visual impairment	7	0	6
		Optic neuropathy	1	0	1
		<b>Eye disorders</b>	<b>46</b>	<b>0</b>	<b>33</b>
	Gastrointestinal disorders	Pancreatitis	7	0	3
		Pancreatitis acute	2	0	1
		Pancreatitis necrotising	1	0	1
		Rectal haemorrhage	1	0	0
		Gastrointestinal haemorrhage	2	0	2
		Haematemesis	1	0	0
		Diarrhoea	8	0	5
		Colonic pseudo-obstruction	1	0	1

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Reaction Count	Gastrointestinal disorders	Constipation	<b>10</b>	<b>0</b>	<b>7</b>
		Dyspepsia	<b>2</b>	<b>0</b>	<b>0</b>
		Eruption	<b>2</b>	<b>0</b>	<b>1</b>
		Abdominal distension	<b>6</b>	<b>0</b>	<b>4</b>
		Flatulence	<b>7</b>	<b>0</b>	<b>6</b>
		Abdominal pain	<b>6</b>	<b>0</b>	<b>2</b>
		Abdominal pain upper	<b>2</b>	<b>0</b>	<b>2</b>
		Abdominal discomfort	<b>1</b>	<b>0</b>	<b>1</b>
		Dysphagia	<b>6</b>	<b>1</b>	<b>4</b>
		Faecal incontinence	<b>1</b>	<b>0</b>	<b>0</b>
		Nausea	<b>20</b>	<b>0</b>	<b>11</b>
		Vomiting	<b>20</b>	<b>0</b>	<b>14</b>
		Obstruction gastric	<b>1</b>	<b>0</b>	<b>1</b>
		Ileus	<b>1</b>	<b>0</b>	<b>1</b>
		Gastric ulcer	<b>1</b>	<b>0</b>	<b>0</b>
		Oedema mouth	<b>1</b>	<b>0</b>	<b>0</b>
		Mouth ulceration	<b>4</b>	<b>0</b>	<b>3</b>
		Ascites	<b>1</b>	<b>0</b>	<b>1</b>
		Dry mouth	<b>9</b>	<b>0</b>	<b>6</b>
		Salivary hypersecretion	<b>16</b>	<b>0</b>	<b>6</b>
		Salivary gland enlargement	<b>1</b>	<b>0</b>	<b>0</b>
		Swollen tongue	<b>2</b>	<b>0</b>	<b>0</b>
		Tongue discolouration	<b>1</b>	<b>0</b>	<b>1</b>
		Tongue oedema	<b>5</b>	<b>0</b>	<b>3</b>
		<b>Gastrointestinal disorders</b>	<b>149</b>	<b>1</b>	<b>87</b>
General disorders and administration site conditions	General disorders and administration site conditions	Hyperthermia malignant	<b>1</b>	<b>0</b>	<b>0</b>
		Hypothermia	<b>10</b>	<b>0</b>	<b>8</b>
		Pyrexia	<b>64</b>	<b>3</b>	<b>30</b>
		Death	<b>10</b>	<b>9</b>	<b>6</b>
		Death neonatal	<b>1</b>	<b>0</b>	<b>0</b>
		Sudden death	<b>9</b>	<b>9</b>	<b>3</b>
		Asthenia	<b>4</b>	<b>0</b>	<b>4</b>
		Fatigue	<b>15</b>	<b>0</b>	<b>8</b>

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Case Group	Death Outcomes	Sole	
Malaise	<b>11</b>	<b>1</b>	<b>7</b>
Sluggishness	<b>1</b>	<b>0</b>	<b>1</b>
Gait disturbance	<b>15</b>	<b>1</b>	<b>6</b>
Condition aggravated	<b>7</b>	<b>0</b>	<b>4</b>
Disease progression	<b>1</b>	<b>0</b>	<b>1</b>
Disease recurrence	<b>1</b>	<b>0</b>	<b>1</b>
Foaming at mouth	<b>1</b>	<b>0</b>	<b>0</b>
Influenza like illness	<b>9</b>	<b>0</b>	<b>5</b>
Irritability	<b>1</b>	<b>0</b>	<b>1</b>
Pseudocyst	<b>1</b>	<b>0</b>	<b>1</b>
Swelling	<b>1</b>	<b>0</b>	<b>0</b>
Polyserositis	<b>1</b>	<b>0</b>	<b>1</b>
Face oedema	<b>18</b>	<b>0</b>	<b>16</b>
Generalised oedema	<b>8</b>	<b>0</b>	<b>6</b>
Gravitational oedema	<b>17</b>	<b>0</b>	<b>16</b>
Oedema	<b>17</b>	<b>0</b>	<b>13</b>
Oedema peripheral	<b>48</b>	<b>0</b>	<b>42</b>
Chest pain	<b>10</b>	<b>0</b>	<b>6</b>
Discomfort	<b>1</b>	<b>0</b>	<b>1</b>
Pain	<b>8</b>	<b>0</b>	<b>8</b>
Chills	<b>12</b>	<b>0</b>	<b>6</b>
Feeling abnormal	<b>1</b>	<b>0</b>	<b>1</b>
Feeling hot	<b>1</b>	<b>0</b>	<b>0</b>
Feeling jittery	<b>2</b>	<b>0</b>	<b>0</b>
Feeling of body temperature change	<b>2</b>	<b>0</b>	<b>2</b>
Hunger	<b>1</b>	<b>0</b>	<b>0</b>
Thirst	<b>5</b>	<b>0</b>	<b>4</b>
Drug interaction	<b>6</b>	<b>1</b>	<b>0</b>
Drug effect decreased	<b>1</b>	<b>0</b>	<b>1</b>
Drug ineffective	<b>22</b>	<b>4</b>	<b>11</b>
Paradoxical drug reaction	<b>1</b>	<b>0</b>	<b>1</b>
Therapeutic response decreased	<b>2</b>	<b>0</b>	<b>1</b>
Drug withdrawal syndrome	<b>2</b>	<b>0</b>	<b>1</b>

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Reaction Count	General disorders and administration site conditions	Drug withdrawal syndrome neonatal	2	0
		Fat necrosis	1	0
		<b>General disorders and administration site conditions</b>	<b>352</b>	<b>28</b>
				<b>223</b>
	Hepatobiliary disorders	Cholecystitis	1	0
		Hyperbilirubinaemia	3	0
		Jaundice	8	0
		Jaundice cholestatic	1	0
		Liver injury	3	0
		Hepatic function abnormal	59	1
		Hepatomegaly	2	0
		Hepatosplenomegaly neonatal	1	0
		Autoimmune hepatitis	1	0
		Hepatic steatosis	3	1
		Hepatitis	7	0
		Hepatitis fulminant	1	0
		Hepatocellular injury	2	0
		<b>Hepatobiliary disorders</b>	<b>92</b>	<b>2</b>
				<b>45</b>
	Immune system disorders	Hypersensitivity	2	0
		<b>Immune system disorders</b>	<b>2</b>	<b>0</b>
	Infections and infestations	Cellulitis	1	0
		Mastitis	1	0
		Eye infection	1	0
		Vaginal infection	1	0
		Infection	1	0
		Bronchitis	1	0
		Pneumonia	8	3
		Bacteraemia	1	0
		Sepsis	2	0
		Rash pustular	2	0
		Pharyngitis	1	0
		Rhinitis	1	0
		Urinary tract infection	1	0

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Reaction Count			Case Group	Death Outcomes	Sole
	Infections and infestations	Hepatitis C	<b>1</b>	<b>0</b>	<b>1</b>
		<b>Infections and infestations</b>	<b>23</b>	<b>3</b>	<b>14</b>
	Injury, poisoning and procedural complications	Accidental poisoning	<b>2</b>	<b>2</b>	<b>0</b>
		Poisoning deliberate	<b>1</b>	<b>1</b>	<b>0</b>
		Toxicity to various agents	<b>14</b>	<b>13</b>	<b>3</b>
		Drug exposure during pregnancy	<b>14</b>	<b>0</b>	<b>8</b>
		Subdural haematoma	<b>1</b>	<b>0</b>	<b>0</b>
		Fall	<b>4</b>	<b>0</b>	<b>1</b>
		Incorrect dose administered	<b>3</b>	<b>0</b>	<b>2</b>
		Incorrect route of drug administration	<b>1</b>	<b>0</b>	<b>0</b>
		Accidental drug intake by child	<b>1</b>	<b>0</b>	<b>1</b>
		Accidental overdose	<b>1</b>	<b>0</b>	<b>0</b>
		Intentional overdose	<b>5</b>	<b>0</b>	<b>2</b>
		Overdose	<b>17</b>	<b>3</b>	<b>11</b>
		Post procedural complication	<b>2</b>	<b>0</b>	<b>2</b>
		<b>Injury, poisoning and procedural complications</b>	<b>66</b>	<b>19</b>	<b>30</b>
	Investigations	Cardiac murmur	<b>2</b>	<b>0</b>	<b>2</b>
		Ejection fraction decreased	<b>1</b>	<b>0</b>	<b>0</b>
		Electrocardiogram QT prolonged	<b>12</b>	<b>0</b>	<b>10</b>
		Electrocardiogram T wave inversion	<b>1</b>	<b>0</b>	<b>0</b>
		Electrocardiogram abnormal	<b>5</b>	<b>0</b>	<b>3</b>
		Heart rate decreased	<b>1</b>	<b>0</b>	<b>1</b>
		Heart rate increased	<b>1</b>	<b>0</b>	<b>1</b>
		Heart rate irregular	<b>1</b>	<b>0</b>	<b>1</b>
		Pulse absent	<b>1</b>	<b>1</b>	<b>1</b>
		Sinus rhythm	<b>1</b>	<b>0</b>	<b>1</b>
		Blood pressure increased	<b>1</b>	<b>0</b>	<b>0</b>
		Blood prolactin increased	<b>3</b>	<b>0</b>	<b>1</b>
		Blood testosterone increased	<b>1</b>	<b>0</b>	<b>1</b>
		Blood creatine phosphokinase increased	<b>55</b>	<b>3</b>	<b>28</b>
		Cardiac enzymes increased	<b>1</b>	<b>0</b>	<b>0</b>
		Troponin increased	<b>3</b>	<b>1</b>	<b>0</b>

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	Troponin	1	0	0
	Blood alkaline phosphatase increased	6	0	4
	Blood lactate dehydrogenase increased	2	0	2
	Blood amylase increased	1	0	1
	Lipase increased	1	0	0
	Prothrombin level increased	1	1	0
	Red blood cell sedimentation rate increased	3	0	2
	Platelet count decreased	1	0	0
	Platelet count increased	1	0	1
	Haematocrit decreased	1	0	1
	Haemoglobin decreased	1	0	1
	Lymphocyte count decreased	1	0	0
	Neutrophil count decreased	4	0	3
	White blood cell count decreased	4	0	0
	White blood cell count increased	1	0	0
	Alanine aminotransferase increased	10	0	5
	Ammonia increased	1	0	0
	Aspartate aminotransferase increased	5	0	2
	Blood bilirubin increased	1	0	1
	Gamma-glutamyltransferase increased	8	0	7
	Hepatic enzyme abnormal	1	0	0
	Hepatic enzyme increased	1	0	1
	Liver function test abnormal	15	0	6
	Antinuclear antibody positive	1	0	1
	Immunoglobulins increased	1	0	1
	Blood cholesterol increased	5	0	3
	Blood triglycerides increased	3	0	2
	Blood glucose fluctuation	1	0	1
	Blood glucose increased	6	0	5
	Electroencephalogram abnormal	1	0	1
	Apgar score abnormal	1	0	1
	Body temperature decreased	1	0	0
	Body temperature increased	3	0	0

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	Investigations	Weight decreased	4	0	2
		Weight increased	105	1	93
		C-reactive protein increased	3	0	2
		Creatinine renal clearance decreased	2	0	1
		Urine output decreased	1	0	1
		Drug level above therapeutic	2	1	1
		Drug level changed	1	0	0
		Drug level increased	6	1	2
		Blood phosphorus decreased	1	0	0
		<b>Investigations</b>	<b>309</b>	<b>9</b>	<b>204</b>
	Metabolism and nutrition disorders	Ketoacidosis	4	0	3
		Acidosis	1	0	1
		Decreased appetite	3	0	1
		Food craving	1	0	1
		Increased appetite	17	0	16
		Feeding disorder neonatal	1	0	0
		Obesity	4	0	3
		Weight loss poor	1	0	1
		Hypercalcaemia	4	1	3
		Hypocalcaemia	1	1	0
		Diabetic ketoacidosis	4	0	2
		Hyperglycaemic hyperosmolar nonketotic syndrome	1	0	1
		Polydipsia	8	1	6
		Hyperkalaemia	3	0	2
		Hypokalaemia	3	1	1
		Hypernatraemia	1	0	0
		Hyponatraemia	16	2	8
		Dehydration	2	0	1
		Diabetes mellitus	29	0	27
		Gestational diabetes	1	0	1
		Type 1 diabetes mellitus	3	0	3
		Type 2 diabetes mellitus	7	0	7
		Glucose tolerance impaired	3	0	2

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Reaction Count	Metabolism and nutrition disorders	Hyperglycaemia	18	0
		Hypoglycaemia	1	0
		Hypoglycaemia neonatal	1	0
		Hypertriglyceridaemia	1	0
		Hyperlipidaemia	1	0
		Metabolic syndrome	1	0
		Hyperammonaemia	1	0
		Hyperproteinaemia	1	0
		Hipoproteinaemia	3	0
		<b>Metabolism and nutrition disorders</b>	<b>146</b>	<b>6</b>
Reaction Count	Musculoskeletal and connective tissue disorders	Jaw disorder	1	0
		Arthritis	1	0
		Arthralgia	10	0
		Joint stiffness	1	0
		Joint swelling	3	0
		Osteoarthritis	4	0
		Myalgia	17	0
		Muscle spasms	3	0
		Muscle twitching	22	0
		Hypertonia neonatal	1	0
		Muscle rigidity	7	1
		Nuchal rigidity	1	0
		Muscular weakness	3	0
		Rhabdomyolysis	8	0
		Mastication disorder	1	0
		Mobility decreased	1	0
		Musculoskeletal stiffness	11	0
		Back pain	1	0
		Pain in extremity	3	0
		<b>Musculoskeletal and connective tissue disorders</b>	<b>99</b>	<b>1</b>
Reaction Count	Neoplasms benign, malignant and unspecified (incl cysts and polyps)	Breast cancer female	2	0
		Pituitary tumour	1	0

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Reaction Count	Neoplasms benign, malignant and unspecified (incl cysts and polyps)	Mycosis fungoides	2	2	0
		Neoplasm malignant	1	0	1
		Prolactinoma	1	0	1
		<b>Neoplasms benign, malignant and unspecified (incl cysts and polyps)</b>	7	2	5
Nervous system disorders	Nervous system disorders	Cerebral haemorrhage	1	1	0
		Cerebral haemorrhage neonatal	1	0	0
		Cerebrovascular accident	4	1	4
		Haemorrhagic stroke	1	1	1
		Cerebrovascular disorder	1	0	1
		Transient ischaemic attack	2	0	1
		Cranial nerve disorder	1	0	1
		VIIth nerve paralysis	1	0	1
		Hypoxic-ischaemic encephalopathy	1	0	1
		Headache	22	1	14
		Dementia	1	0	1
		Dementia with Lewy bodies	1	1	0
		Amnesia	8	0	2
		Memory impairment	2	0	1
		Cognitive disorder	4	0	1
		Disturbance in attention	4	0	2
		Mental impairment	2	1	1
		Choreoathetosis	3	0	2
		Akathisia	27	2	4
		Bradykinesia	3	1	0
		Dyskinesia	18	0	16
		Extrapyramidal disorder	33	1	23
		Hyperkinesia	16	0	11
		Hypokinesia	4	1	4
		Movement disorder	1	0	1
		Tardive dyskinesia	30	1	18
		Dystonia	27	1	19
		Opisthotonus	4	0	2

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Case Group	Death Outcomes	Sole	
Hemiparesis	<b>1</b>	<b>0</b>	<b>1</b>
Paralysis	<b>2</b>	<b>0</b>	<b>2</b>
Paresis	<b>1</b>	<b>0</b>	<b>0</b>
Cogwheel rigidity	<b>2</b>	<b>0</b>	<b>0</b>
Parkinsonian gait	<b>2</b>	<b>0</b>	<b>0</b>
Parkinsonism	<b>9</b>	<b>2</b>	<b>7</b>
Asterixis	<b>1</b>	<b>0</b>	<b>0</b>
Tremor	<b>47</b>	<b>1</b>	<b>26</b>
Tremor neonatal	<b>1</b>	<b>0</b>	<b>0</b>
Cerebral cyst	<b>1</b>	<b>0</b>	<b>1</b>
Hyperreflexia	<b>5</b>	<b>0</b>	<b>1</b>
Ataxia	<b>13</b>	<b>1</b>	<b>7</b>
Coordination abnormal	<b>1</b>	<b>0</b>	<b>0</b>
Nystagmus	<b>1</b>	<b>0</b>	<b>0</b>
Coma	<b>10</b>	<b>2</b>	<b>6</b>
Diabetic coma	<b>2</b>	<b>0</b>	<b>2</b>
Aphasia	<b>2</b>	<b>0</b>	<b>1</b>
Dysgraphia	<b>1</b>	<b>0</b>	<b>1</b>
Dyspraxia	<b>1</b>	<b>0</b>	<b>1</b>
Altered state of consciousness	<b>5</b>	<b>0</b>	<b>2</b>
Consciousness fluctuating	<b>4</b>	<b>0</b>	<b>2</b>
Depressed level of consciousness	<b>5</b>	<b>1</b>	<b>2</b>
Lethargy	<b>2</b>	<b>1</b>	<b>0</b>
Loss of consciousness	<b>5</b>	<b>0</b>	<b>2</b>
Sedation	<b>14</b>	<b>2</b>	<b>6</b>
Somnolence	<b>53</b>	<b>1</b>	<b>34</b>
Somnolence neonatal	<b>1</b>	<b>0</b>	<b>1</b>
Syncope	<b>14</b>	<b>0</b>	<b>5</b>
Motor dysfunction	<b>2</b>	<b>0</b>	<b>2</b>
Clonus	<b>1</b>	<b>0</b>	<b>0</b>
Dizziness	<b>22</b>	<b>1</b>	<b>15</b>
Drooling	<b>3</b>	<b>0</b>	<b>2</b>
Myoclonus	<b>3</b>	<b>0</b>	<b>1</b>

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## **Medicine summary - Antipsychotics- olanzapine**

Case Group	Death Outcomes	Sole
Reaction Count	Nervous system disorders	
	Unresponsive to stimuli	<b>3</b>
	Burning sensation	<b>1</b>
	Formication	<b>1</b>
	Paraesthesia	<b>5</b>
	Hypoesthesia	<b>3</b>
	Dysarthria	<b>10</b>
	Incoherent	<b>1</b>
	Speech disorder	<b>11</b>
	Visual field defect	<b>1</b>
	Cholinergic syndrome	<b>1</b>
	Hypertonia	<b>45</b>
	Neuroleptic malignant syndrome	<b>72</b>
	Serotonin syndrome	<b>10</b>
	Muscle contractions involuntary	<b>1</b>
	Myasthenia gravis	<b>1</b>
	Carpal tunnel syndrome	<b>1</b>
	Neuropathy peripheral	<b>2</b>
	Petit mal epilepsy	<b>1</b>
	Convulsion neonatal	<b>2</b>
	Grand mal convulsion	<b>13</b>
	Convulsion	<b>54</b>
	Epilepsy	<b>1</b>
	Frontal lobe epilepsy	<b>1</b>
	Hypersomnia	<b>2</b>
	Brain injury	<b>1</b>
	<b>Nervous system disorders</b>	<b>704</b>
		<b>36</b>
		<b>380</b>
	Pregnancy, puerperium and perinatal conditions	
	Abortion spontaneous	<b>3</b>
	Intra-uterine death	<b>1</b>
	Foetal distress syndrome	<b>1</b>
	Foetal growth restriction	<b>1</b>
	Obstructed labour	<b>1</b>
	Antepartum haemorrhage	<b>1</b>
	Premature separation of placenta	<b>1</b>

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			Case Group	Death Outcomes	Sole
Reaction Count	Pregnancy, puerperium and perinatal conditions	Pre-eclampsia	1	0	1
		Small for dates baby	1	0	0
		Weight decrease neonatal	1	0	0
		Jaundice neonatal	1	0	1
		Neonatal disorder	1	0	1
		Oligohydramnios	1	0	0
		<b>Pregnancy, puerperium and perinatal conditions</b>	<b>15</b>	<b>0</b>	<b>6</b>
	Psychiatric disorders	Agitation	45	1	22
		Agitation neonatal	2	0	1
		Anxiety	13	0	6
		Nervousness	7	0	2
		Tension	1	0	0
		Fear	2	0	1
		Panic attack	1	0	0
		Neurosis	8	0	4
		Obsessive-compulsive disorder	7	0	4
		Catatonia	10	1	5
		Restlessness	7	0	1
		Bruxism	1	0	1
		Stereotypy	1	0	0
		Dysphemia	2	0	1
		Screaming	1	0	0
		Confusional state	51	4	28
		Disorientation	5	0	2
		Delirium	25	0	13
		Depression	13	0	6
		Depression suicidal	2	0	2
		Depressed mood	3	0	2
		Depersonalisation	3	0	3
		Delusion	5	0	3
		Persecutory delusion	1	0	0
		Hallucination	30	2	15

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Reaction Count	Psychiatric disorders	Case Group	Death Outcomes	Sole
	Hallucination, auditory	<b>3</b>	<b>1</b>	<b>0</b>
	Hallucination, visual	<b>2</b>	<b>0</b>	<b>1</b>
	Thinking abnormal	<b>11</b>	<b>1</b>	<b>9</b>
	Ideas of reference	<b>1</b>	<b>0</b>	<b>0</b>
	Impulsive behaviour	<b>1</b>	<b>0</b>	<b>0</b>
	Hypomania	<b>1</b>	<b>0</b>	<b>0</b>
	Mania	<b>16</b>	<b>0</b>	<b>8</b>
	Affect lability	<b>1</b>	<b>0</b>	<b>1</b>
	Flat affect	<b>2</b>	<b>0</b>	<b>2</b>
	Anger	<b>1</b>	<b>0</b>	<b>1</b>
	Dysphoria	<b>1</b>	<b>0</b>	<b>1</b>
	Elevated mood	<b>1</b>	<b>0</b>	<b>0</b>
	Euphoric mood	<b>3</b>	<b>0</b>	<b>2</b>
	Emotional poverty	<b>1</b>	<b>0</b>	<b>1</b>
	Apathy	<b>4</b>	<b>0</b>	<b>2</b>
	Aggression	<b>33</b>	<b>4</b>	<b>10</b>
	Disturbance in social behaviour	<b>1</b>	<b>0</b>	<b>1</b>
	Homicidal ideation	<b>10</b>	<b>1</b>	<b>1</b>
	Paranoia	<b>4</b>	<b>0</b>	<b>1</b>
	Social avoidant behaviour	<b>1</b>	<b>0</b>	<b>1</b>
	Personality disorder	<b>8</b>	<b>0</b>	<b>7</b>
	Abnormal behaviour	<b>6</b>	<b>1</b>	<b>4</b>
	Mental disorder	<b>1</b>	<b>1</b>	<b>0</b>
	Alcohol abuse	<b>1</b>	<b>0</b>	<b>1</b>
	Drug abuse	<b>1</b>	<b>0</b>	<b>0</b>
	Drug dependence	<b>1</b>	<b>0</b>	<b>1</b>
	Intentional drug misuse	<b>1</b>	<b>0</b>	<b>0</b>
	Withdrawal syndrome	<b>16</b>	<b>1</b>	<b>9</b>
	Psychotic disorder	<b>18</b>	<b>1</b>	<b>11</b>
	Schizophreniform disorder	<b>2</b>	<b>0</b>	<b>2</b>
	Schizoaffective disorder	<b>1</b>	<b>0</b>	<b>1</b>
	Schizophrenia	<b>1</b>	<b>0</b>	<b>1</b>
	Orgasmic sensation decreased	<b>1</b>	<b>0</b>	<b>1</b>

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Reaction Count			Case Group	Death Outcomes	Sole
Psychiatric disorders	Libido decreased		1	0	1
	Loss of libido		1	0	1
	Insomnia		17	0	11
	Abnormal sleep-related event		1	0	0
	Nightmare		4	0	2
	Somnambulism		2	0	2
	Sleep disorder		2	0	2
	Completed suicide		7	7	2
	Intentional self-injury		5	0	2
	Self injurious behaviour		2	0	1
	Suicidal behaviour		2	0	0
	Suicidal ideation		34	1	7
	Suicide attempt		36	3	7
	<b>Psychiatric disorders</b>		<b>516</b>	<b>30</b>	<b>240</b>
Renal and urinary disorders	Nephrotic syndrome		2	0	1
	Tubulointerstitial nephritis		2	0	2
	Anuria		1	0	0
	Renal failure		1	0	1
	Renal failure acute		7	1	3
	Renal impairment		5	0	2
	Enuresis		1	0	0
	Incontinence		2	1	2
	Pollakiuria		1	0	1
	Urinary hesitation		1	0	0
	Urinary incontinence		14	0	9
	Urinary retention		11	0	8
	Albuminuria		3	0	2
	Crystalluria		1	0	0
	Haematuria		2	0	2
	Nocturia		1	0	1
	Polyuria		9	0	7
	<b>Renal and urinary disorders</b>		<b>64</b>	<b>2</b>	<b>41</b>
Reproductive system and breast disorders	Breast enlargement		3	0	2

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Case Group	Death Outcomes	Sole
Breast mass	2	0
Gynaecomastia	14	0
Breast pain	3	0
Nipple pain	1	0
Galactorrhoea	11	0
Lactation disorder	1	0
Menstrual disorder	1	0
Amenorrhoea	11	0
Ovarian cyst	1	0
Polycystic ovaries	1	0
Prostatic disorder	1	0
Genital ulceration	1	0
Ejaculation failure	1	0
Erectile dysfunction	4	0
Priapism	10	0
Testicular disorder	1	0
Vaginal haemorrhage	2	0
<b>Reproductive system and breast disorders</b>	<b>69</b>	<b>0</b>
Asthma	2	1
Bronchospasm	5	0
Bronchial obstruction	1	0
Pneumonia aspiration	2	1
Pulmonary fibrosis	2	1
Pulmonary oedema	1	0
Infantile apnoeic attack	1	0
Pleural effusion	1	0
Pulmonary hypertension	1	0
Pulmonary embolism	4	1
Apnoea	2	0
Dyspnoea	18	2
Hyperventilation	2	0
Respiratory arrest	3	0
Respiratory depression	6	3

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## **Medicine summary - Antipsychotics- olanzapine**

			Case Group	Death Outcomes	Sole
Reaction Count	Respiratory, thoracic and mediastinal disorders	Sleep apnoea syndrome	1	0	0
		Tachypnoea	2	0	0
		Asphyxia	1	1	0
		Hypoxia	2	1	0
		Cough	4	0	3
		Sputum increased	2	0	2
		Respiratory failure	2	0	2
		Aspiration	1	1	0
		Respiratory disorder	1	0	1
		Oropharyngeal pain	1	0	0
		Epistaxis	4	0	3
		Nasal polyps	1	0	1
		<b>Respiratory, thoracic and mediastinal disorders</b>	<b>73</b>	<b>12</b>	<b>38</b>
Skin and subcutaneous tissue disorders	Skin and subcutaneous tissue disorders	Angioedema	4	0	2
		Urticaria	14	0	10
		Lichenoid keratosis	1	0	1
		Skin striae	1	0	1
		Leukoplakia	1	0	0
		Blister	2	0	2
		Dermatitis bullous	3	0	3
		Pemphigoid	1	0	1
		Stevens-Johnson syndrome	3	0	3
		Skin discolouration	1	0	1
		Skin odour abnormal	1	0	1
		Skin reaction	1	0	0
		Eczema	1	0	1
		Drug eruption	1	0	1
		Erythema	3	0	2
		Rash erythematous	6	0	6
		Skin exfoliation	2	0	1
		Necrobiosis lipoidica diabetorum	1	0	0
		Photosensitivity reaction	9	0	9

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			Case Group	Death Outcomes	Sole
Reaction Count	Skin and subcutaneous tissue disorders	Pruritus	<b>15</b>	<b>0</b>	<b>9</b>
		Rash pruritic	<b>1</b>	<b>0</b>	<b>0</b>
		Psoriasis	<b>2</b>	<b>0</b>	<b>1</b>
		Rash	<b>41</b>	<b>0</b>	<b>24</b>
		Rash generalised	<b>2</b>	<b>1</b>	<b>2</b>
		Rash macular	<b>3</b>	<b>0</b>	<b>1</b>
		Rash maculo-papular	<b>10</b>	<b>0</b>	<b>8</b>
		Rash vesicular	<b>1</b>	<b>0</b>	<b>1</b>
		Acne	<b>9</b>	<b>0</b>	<b>7</b>
		Alopecia	<b>7</b>	<b>0</b>	<b>7</b>
		Hyperhidrosis	<b>27</b>	<b>1</b>	<b>17</b>
		Nail disorder	<b>1</b>	<b>0</b>	<b>1</b>
		Petechiae	<b>1</b>	<b>0</b>	<b>0</b>
		Purpura	<b>7</b>	<b>0</b>	<b>4</b>
		<b>Skin and subcutaneous tissue disorders</b>	<b>183</b>	<b>2</b>	<b>127</b>
	Social circumstances	Physical assault	<b>2</b>	<b>0</b>	<b>2</b>
		Activities of daily living impaired	<b>1</b>	<b>0</b>	<b>1</b>
		Treatment noncompliance	<b>1</b>	<b>0</b>	<b>0</b>
		<b>Social circumstances</b>	<b>4</b>	<b>0</b>	<b>3</b>
Vascular disorders	Surgical and medical procedures	Gastrectomy	<b>1</b>	<b>0</b>	<b>1</b>
		Hospitalisation	<b>1</b>	<b>1</b>	<b>1</b>
		Off label use	<b>4</b>	<b>0</b>	<b>4</b>
		Therapy regimen changed	<b>9</b>	<b>0</b>	<b>6</b>
		<b>Surgical and medical procedures</b>	<b>15</b>	<b>1</b>	<b>12</b>
	Vascular disorders	Peripheral ischaemia	<b>1</b>	<b>0</b>	<b>0</b>
		Blood pressure fluctuation	<b>2</b>	<b>0</b>	<b>0</b>
		Circulatory collapse	<b>6</b>	<b>1</b>	<b>3</b>
		Hypotension	<b>21</b>	<b>0</b>	<b>14</b>
		Orthostatic hypotension	<b>14</b>	<b>0</b>	<b>10</b>
		Arterial thrombosis limb	<b>1</b>	<b>0</b>	<b>1</b>
		Deep vein thrombosis	<b>5</b>	<b>0</b>	<b>2</b>
		Vasodilatation	<b>3</b>	<b>0</b>	<b>2</b>
		Flushing	<b>2</b>	<b>0</b>	<b>2</b>

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			Case Group	Death Outcomes	Sole
Reaction Count	Vascular disorders	Hot flush	1	0	1
		Pallor	3	1	1
		Hypertension	17	1	13
		<b>Vascular disorders</b>	<b>76</b>	<b>3</b>	<b>49</b>
<b>Reaction</b>			<b>3328</b>	<b>176</b>	<b>1939</b>

 Rows are suppressed based on zeros and empty cells for Case Group

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