**Describe symptoms of intoxication**

**Suggest drug therapy of intoxication**

**Cholinergic syndrome (induced by direct cholinomimetics)**

**Symptoms:**

**Causes of intoxication (plants/mushrooms/synthetic substances)**:

**Proposed pharmacotherapy for intoxication by direct cholinergics:**

**Cholinergic syndrome (induced by indirect cholinomimetics → reversible inhibition of acetylcholinesterase)**

**Symptoms:**

**Causes of intoxication (plants/synthetic substances)**:

**Proposed pharmacotherapy for intoxication by reversible acetylcholinesterase inhibitors (ACHEi):**

**Cholinergic syndrome (induced by indirect cholinomimetics → irreversible inhibition of acetylcholinesterase)**

**Symptoms:**

**Causes of intoxication (synthetic substances):**

**Proposed pharmacotherapy for intoxication by irreversible ACHEi:**

**Anticholinergic syndrome**

**Symptoms:**

**Causes of intoxication (plants/synthetic substances):**

**Proposed pharmacotherapy for intoxication by anticholinergics**