

RED ARROWS = DOPAMINE NERVES

BLUE ARROWS = RETICULAR ACTIVATING SYSTEM

**ADVERSE EFFECTS ON BRAIN
OF BLOCKING DOPAMINE NEURONS
PLUS GENERAL TOXICITY TO CELLS**

1. BASAL GANGLIA

- PARKINSONISM
- TARDIVE DYSKINESIA
- TARDIVE DEMENTIA
- TARDIVE PSYCHOSIS
- TARDIVE BEHAVIOR
DISORDER IN CHILDREN

2. FRONTAL LOBES

- EMOTIONAL FLATTENING
- COGNITIVE IMPAIRMENTS
- SOCIAL DYSFUNCTION
- IMMATURITY

3. RETICULAR ACTIVATING SYSTEM

- APATHY
- LACK OF MOTIVATION
- LACK OF ENERGY

4. PITUITARY GLAND

- GYNECOMASTIA

