

# Acute Confusional State after Ibogaine treatment in patients on opiates

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# Definition

Acute confusional state is not a sickness by itself but a manifestation of many different sickness or abnormal body function

# Common causes

- Practically any disorder of the systems of the human body can cause acute confusional state.
- Metabolic disorders
- Infections
- Medications
- Acute renal dysfunction
- Electrolytes abnormalities
- Endocrine disorders
- **DRUGS**

# Syntoms and signs

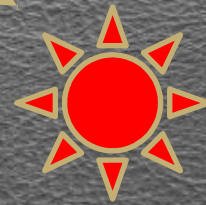
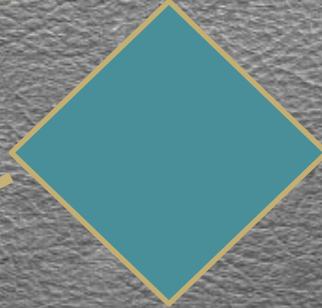
- Acute alteration in concious and attention level
  - Dysfunction in thinking, orientation and memory
  - Changes in autonomic system ( sweating, pallor etc.)
  - Dificulties in speaking and expresion capabilities
  - Stiffnes and or myoclonic jerks
- THIS MEDICAL CONDITION SWINGS FROM IMPROVEMENT TO WORSEN ALONG THE DAY

# Pathophysiology

- The neurobiology of this syndrome involves alteration in neurotransmitters in the brain like:
  - Low serototine levels
  - Low acetylcholine levels
  - Unbalance of dopamine, endorphines and glutamate levels

# Neurobiology

GABA NEURONAL CELL



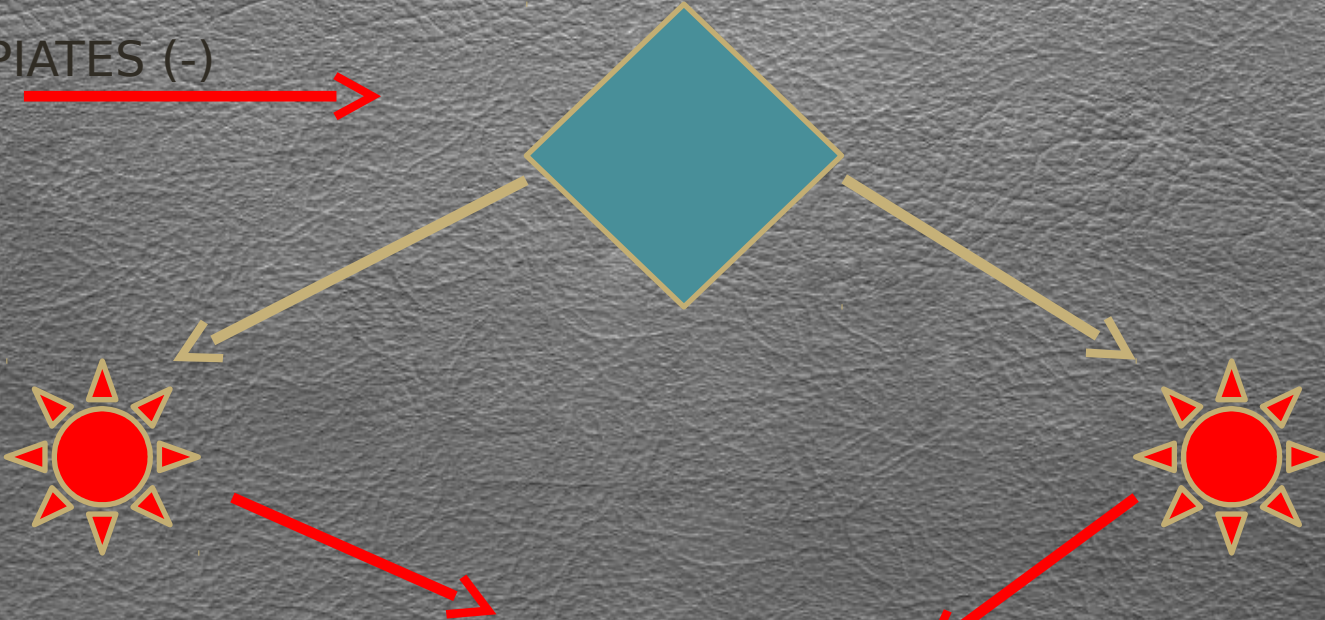
DOPAMINERGIC  
NEURONAL CELL

DOPAMINERGIC  
NEURONAL CELL

# Neurobiology

GABA NEURONAL CELL

OPIATES (-)

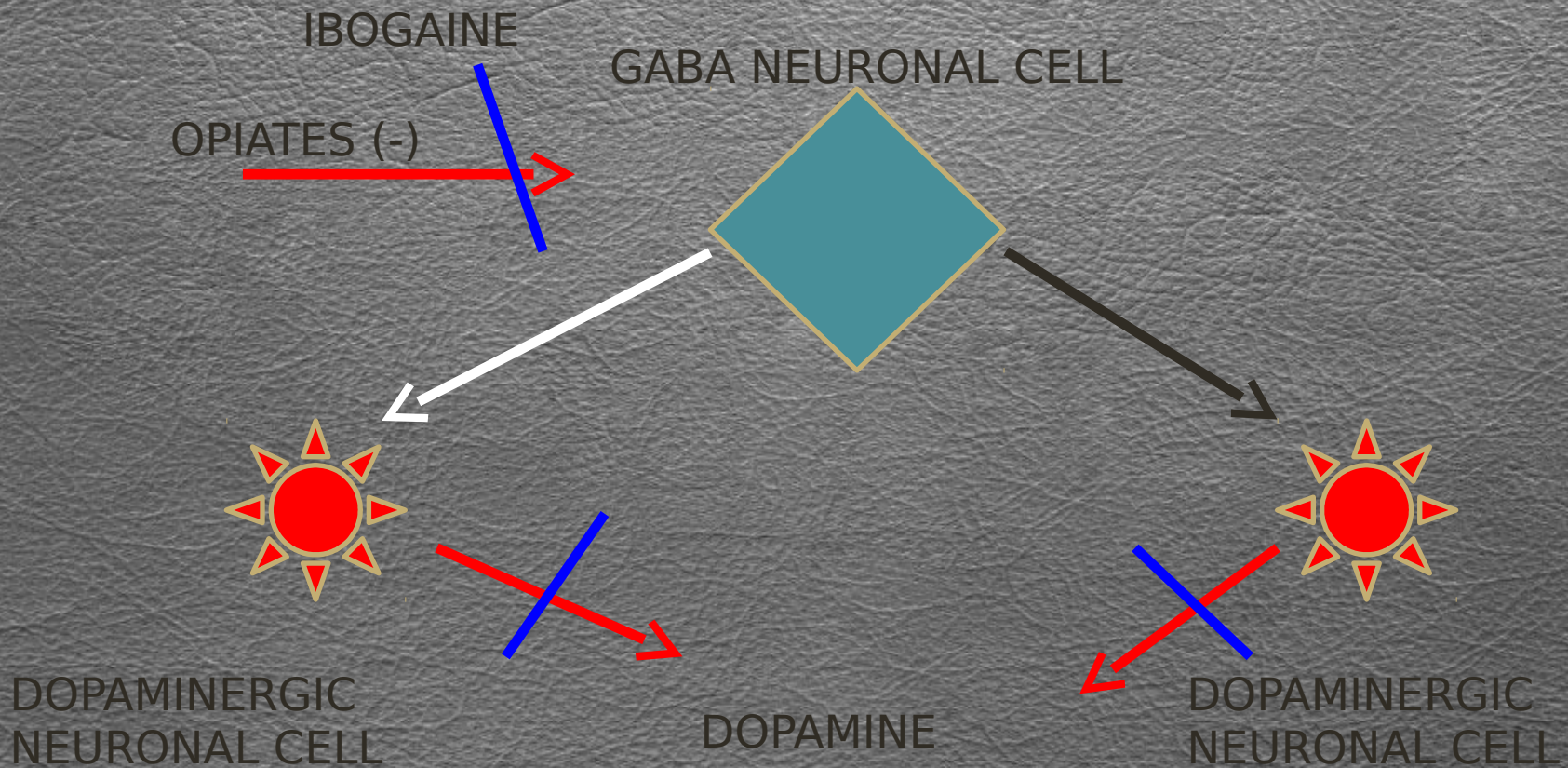


DOPAMINERGIC  
NEURONAL CELL

DOPAMINE

DOPAMINERGIC  
NEURONAL CELL

# Neurobiology





# Conclusion

- Acute Confusional State is a very common syndrome caused by many factors including withdrawal from drugs
- Ibogaine is not the cause of acute confusional state
- It is a transitory effect once the main cause is solved
- No permanent damage happens
- With proper medical attention, acute confusional state can be  
Treated successfully