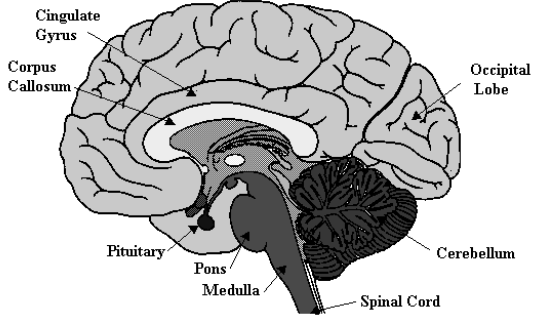


# Gross Anatomy of the Brain




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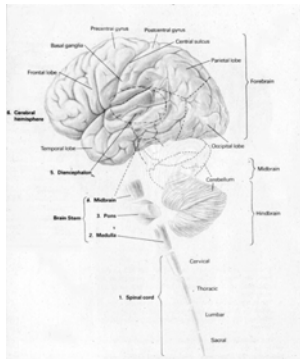
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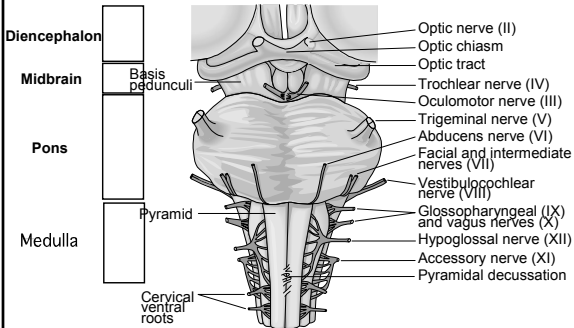
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## CRANIAL NERVES




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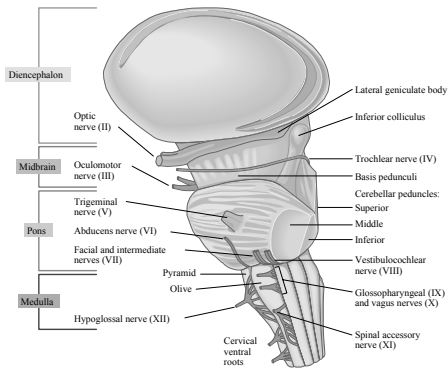
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## CRANIAL NERVES




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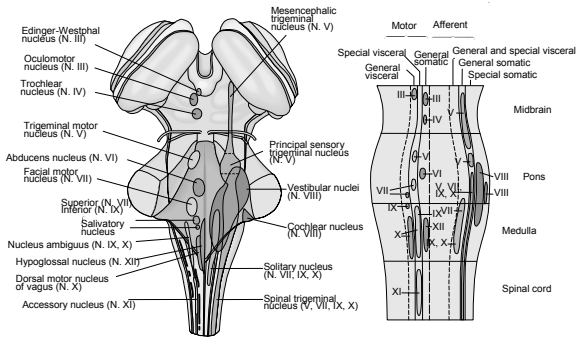
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## CRANIAL NERVE NUCLEI




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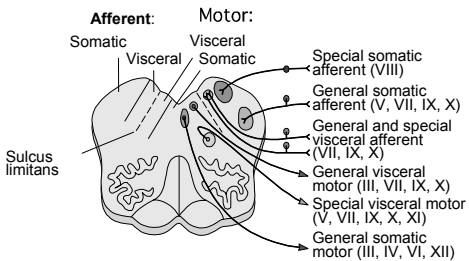
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## CRANIAL NERVE NUCLEI




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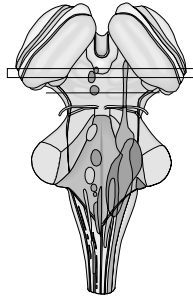
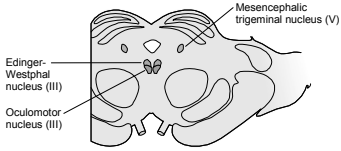
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### CRANIAL NERVE NUCLEI

Section through superior colliculus

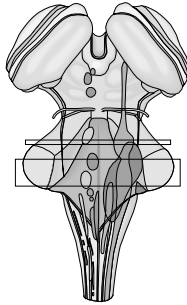
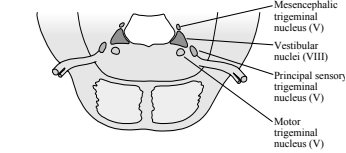


Section through inferior colliculus

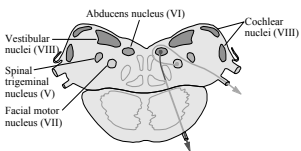


### CRANIAL NERVE NUCLEI

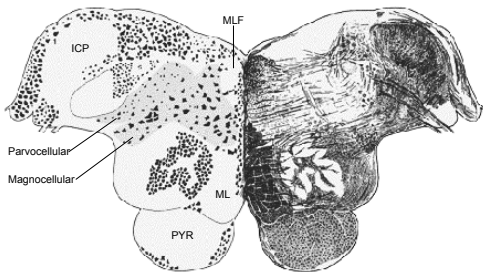
Section through middle cerebellar peduncle



Section through cochlear nuclei and the trapezoid body



### BRAIN STEM RETICULAR FORMATION




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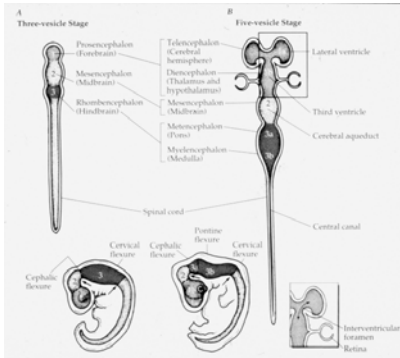
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## BRAIN STEM DEVELOPMENT




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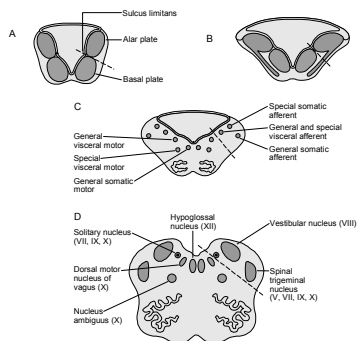
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## BRAIN STEM DEVELOPMENT




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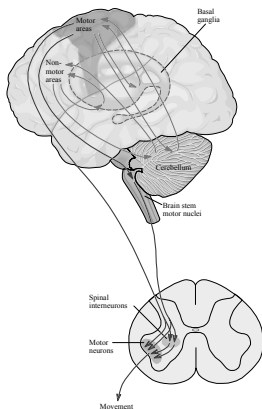
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## MOVEMENT CONTROL




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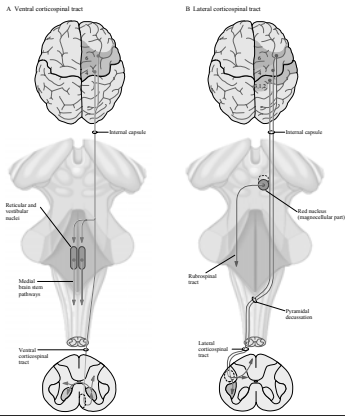
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## MOVEMENT CONTROL




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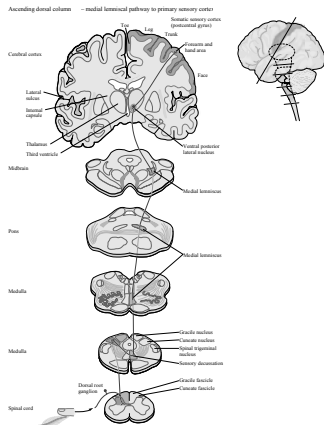
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## SENSORY CONTROL




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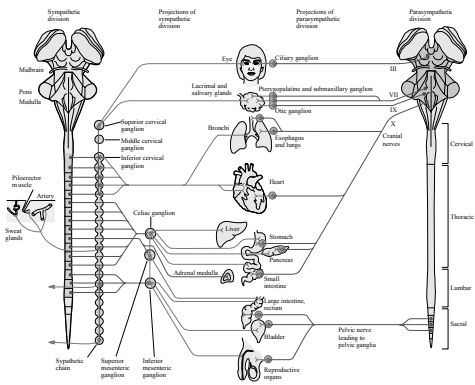
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## AUTONOMIC NERVOUS SYSTEM




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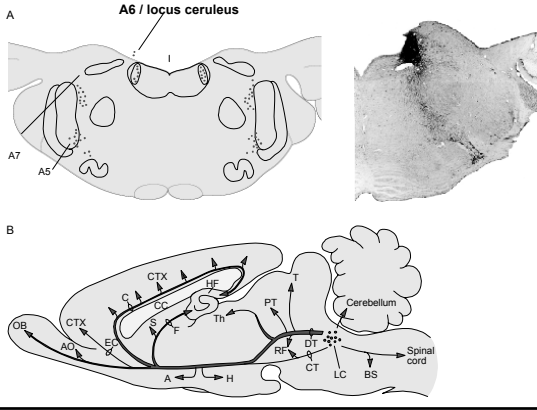
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### NORADRENERGIC SYSTEM




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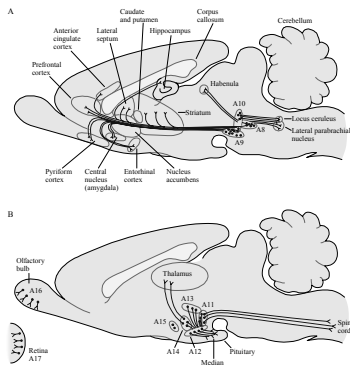
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### DOPAMINERGIC SYSTEM




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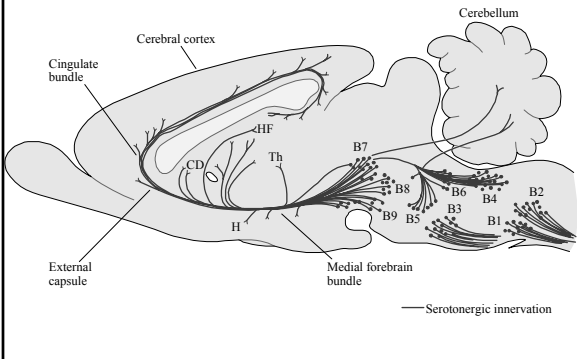
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### SEROTONERGIC SYSTEM




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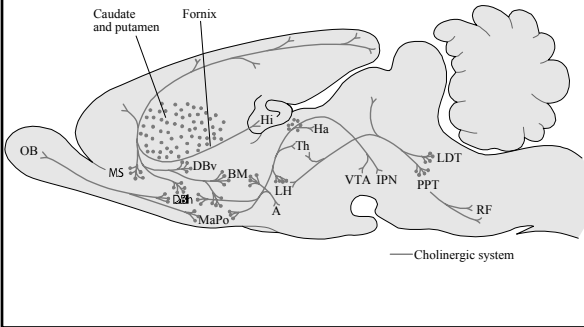
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### CHOLINERGIC SYSTEM




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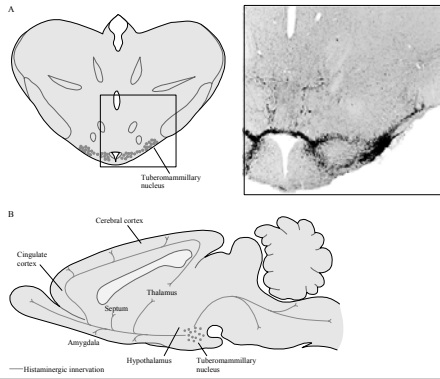
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### HISTAMINERGIC SYSTEM




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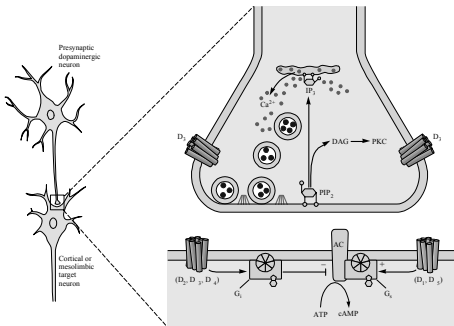
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### DOPAMINERGIC SYNAPSE




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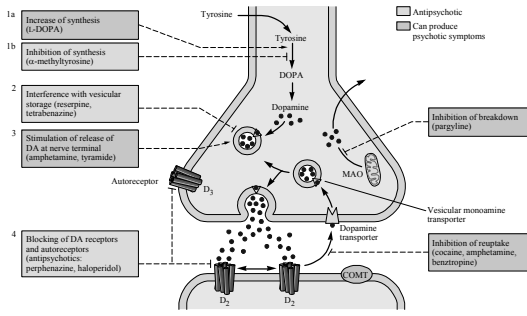
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### DOPAMINERGIC SYNAPSE




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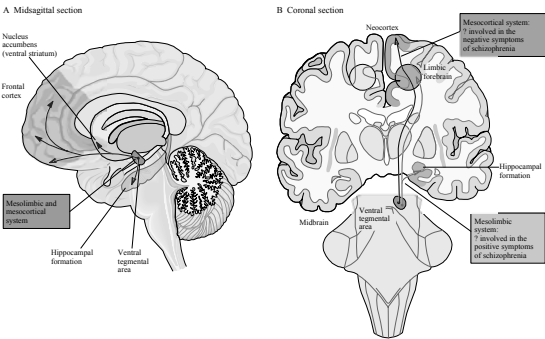
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### MESOCORTICOLIMBIC DOPAMINERGIC SYSTEM




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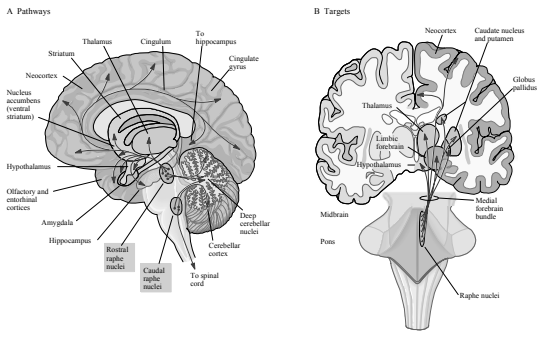
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### SEROTONERGIC SYSTEM




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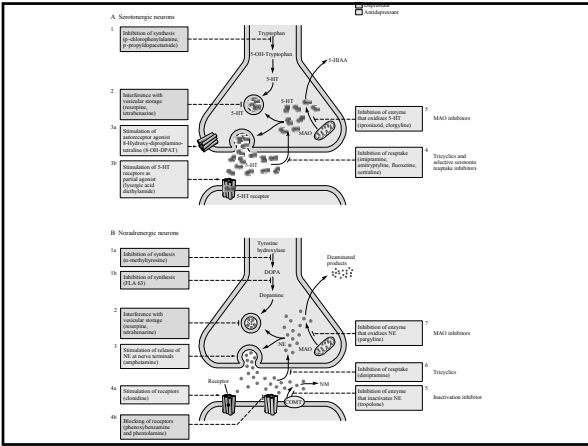
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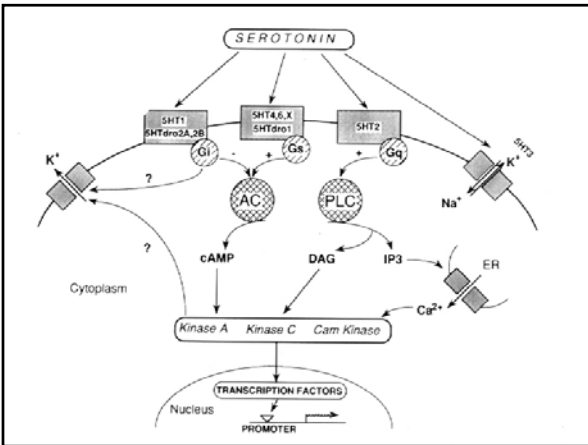
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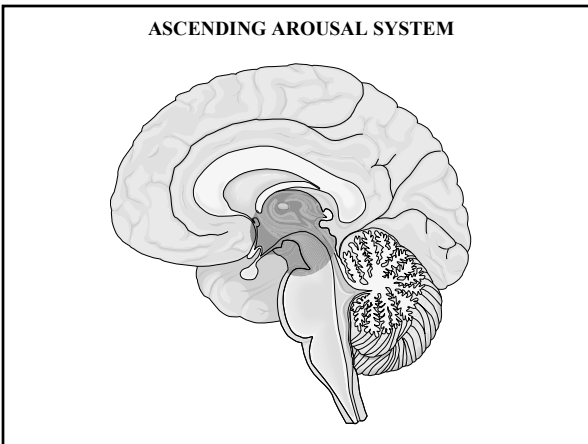
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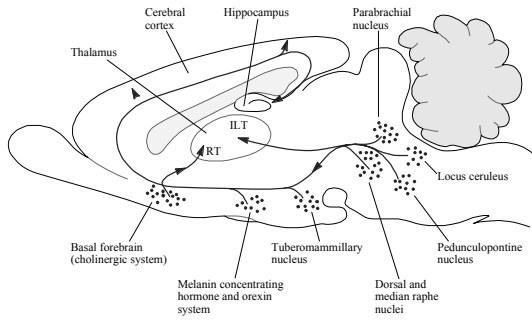
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### ASCENDING AROUSAL SYSTEM




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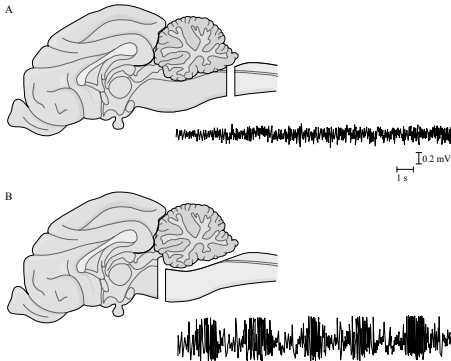
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### DESYNCHRONISED AND SYNCHRONISED EEG




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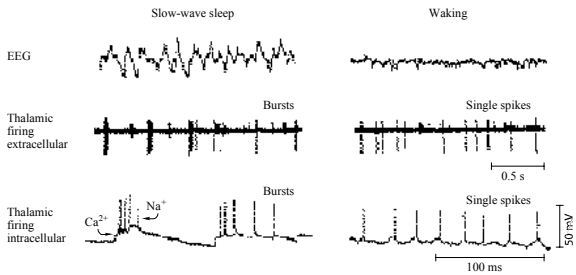
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### THALAMIC NEURON ACTIVITY




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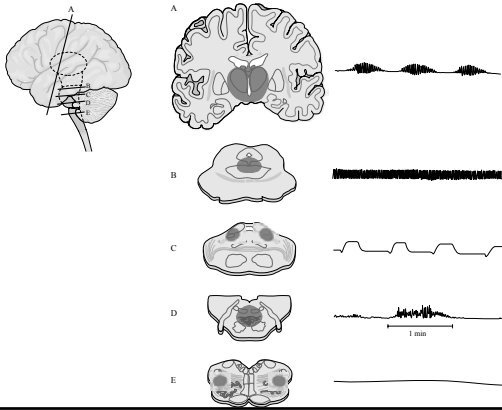
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**RESPIRATORY PATTERN IN COMATOSE PATIENT**




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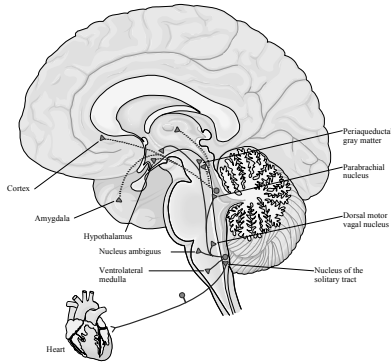
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**NUCLEUS OF THE SOLITARY TRACT COORDINATES AUTONOMIC FUNCTION**




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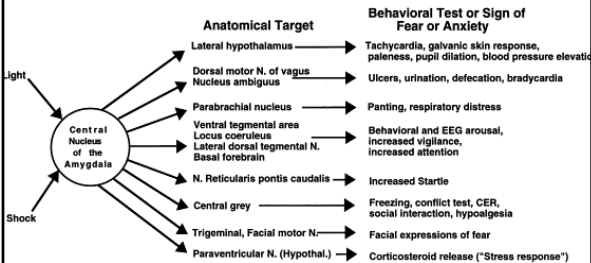
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**AMYGDALA AND BRAIN STEM NUCLEI COORDINATE FEAR RESPONSE**




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