

# **Mesolimbic Pathway (Dopaminergic)**



**PLAY PICMONIC** 

## **Dopamine Pathway**

Doberman Pathway

The mesolimbic pathway is one of the four dopaminergic pathways involved in the release of dopamine.

#### Location

#### Ventral Tegmental Area

Tiger-metal

The mesolimbic pathway begins in the ventral tegmental area of the midbrain.

## **Nucleus Accumbens**

A-cummerbund

The mesolimbic pathway ends at the nucleus accumbens of the forebrain.

## Characteristic

## **Reward System**

Reward Sign

The mesolimbic pathway is responsible for controlling the reward pathway of the brain. This pathway can involve feelings such as positive reinforcement and pleasure.

#### **Defect**

# **Positive Symptoms**

Positive (+) Sign

If there is a defect or inhibition of the mesolimbic pathway, then this can lead to the positive symptoms seen in schizophrenia. These positive symptoms can include delusions, hallucinations, and disorganized speech.

## **Target by Antipsychotics**

Target on Ant-tie-psychiatrist

The mesolimbic pathway is the main target of antipsychotic medications used in the treatment of schizophrenia.