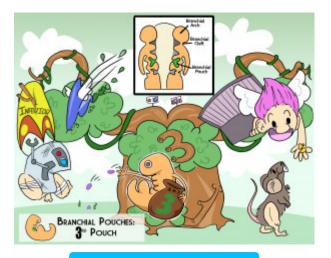


# **Branchial Pouches: 3rd Pouch**



**PLAY PICMONIC** 

## Separates into Dorsal and Ventral Wings

Separating into Dorsal-fin and Vent-troll with Wings

The 3rd pouch contains two wings: the dorsal and ventral wings. Each set of wings develops into a different structure.

#### **Dorsal Wings**

Dorsal-fin with Wings

The dorsal wings develop into the inferior parathyroids, because this wing rotates in the posterior direction.

#### **Inferior Parathyroid Glands**

Inferior Parachuting-thigh-droid

The inferior parathyroid glands are formed from the dorsal wing of the 3rd branchial pouch. This gland produces parathyroid hormone, which helps regulate calcium levels in the body.

## **Ventral Wings**

Vent-troll with Wings

The 3rd pouch is composed of two ventral wings, which later develop into the thymus.

### **Thymus**

Thigh-mouse

The ventral wings form the thymus, which is a specialized structure of the immune system, where T-cells mature.