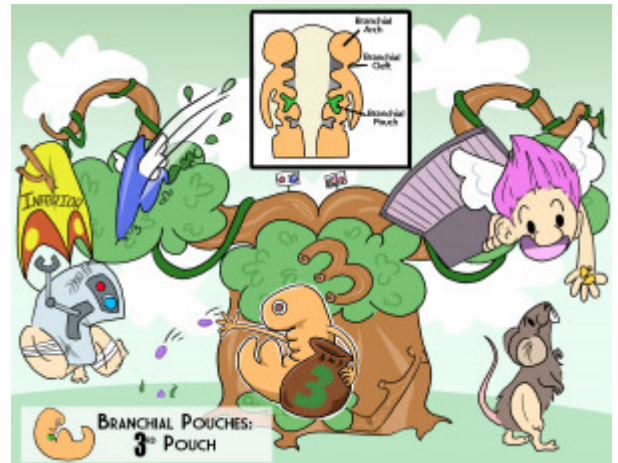


## Branchial Pouches: 3rd Pouch

The branchial pouches are found on the endodermal side of the branchial (pharyngeal) apparatus. The 3rd branchial (pharyngeal) pouch contains two areas: the dorsal and ventral wings. The dorsal wings develop into the inferior parathyroid glands, while the ventral wings develop into the thymus.



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.