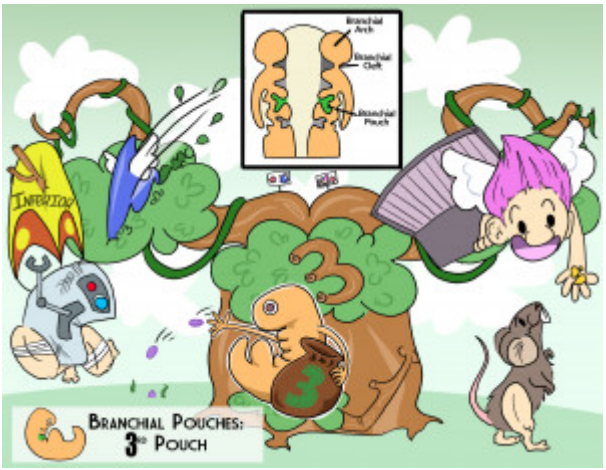
Branchial Pouches: 3rd Pouch

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.



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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.

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