

Anterior artery supplies: **anterior lobe, infundibulum, and capillary network where there are sinusoids related to portal circulation.**

Inferior artery supplies: **posterior lobe.**

Where both superior and inferior hypophyseal vein drains into: **Cavernous sinus.**

Pars anterior → hormone manufacturing

Pars nervosa → No manufacturing of hormone -storage and release

Pars intermedia → Colloid filled cyst

Glandular cells of adenohypophysis

1. Acidophil - secrete Growth hormone and Prolactin
2. Basophil - secrete TSH, LH, FSH, ACTH
3. Chromophobes - undifferentiated cells - 50% of pars distalis

AP: Growth hormone, GnRH, Thyroid stimulating hormone, Adrenocorticotrophic hormone, Prolactin

PP: Antidiuretic hormone and Oxytocin

