

Thyroid gland (specimen)

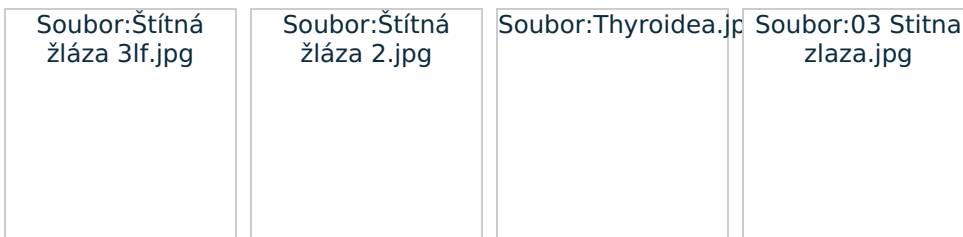
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Last update: Friday, 10 Feb 2023 at 4.27 pm.

Thyroid gland (Glandula thyroidea) B3

Overview



Specimen nr. 1

500px

Name: **Thyroid gland** (HE)

Description: the follicles of thyroid gland are lined with simple cuboidal epithelium, i.e. the cells are as wide as they are tall. The nucleus is round and located in the center of the cell. The follicles are filled with colloid (thyreoglobulin).

Specimen nr. 2

500px

Name: **Thyroid gland** (HE)

Description: The epithelium in hypofunctional thyroid gland (lack of iodine in diet,...) is shorter, so we can see simple squamous epithelium.

Specimen nr. 3

500px

Name: **Thyroid gland** (HE)

Description: The colloid precipitates in the middle of the follicle, which creates a gap between cells and the colloid. The specimen can also deform during slicing. Both changes are **artefacts**, i.e. they are made during preparation of the specimen.

Specimen nr. 4

500px

Name: **Thyroid gland** (HE)

Description: Thyroid gland in low magnification. We can see both normal and hypofunctional follicles here.

Epitely

- Muscular artery (specimen)

- Kidney (specimen)
- Thyroid gland (specimen)
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- Colon (specimen)
- Tuba uterina (specimen)
- Bronchus (specimen)
-
- Urinary bladder (specimen)
- Skin of the stomach (specimen)
- Esophagus (specimen)
- Vagina (specimen)
- Lungs (specimen)
- Small intestine (specimen)
- Pancreas (specimen)
- Parotis (specimen)
- Submandibularis (specimen)
- Mamma lactans (specimen)
- Mamma nonlactans (specimen)
- Stomach fundus (specimen)
- Adrenal glands (specimen)

Odkazy

- Modul Buněčné základy medicíny (3. LF)

Studijní materiály k preparátu

- Štítná žláza

Kategorie:Histologie Kategorie:Histologické preparáty