

Mikroskop:20078/annot

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[
{
  "idx": "20078+",
  "txt_cz": "1. Glandula parathyroidea",
  "txt_en": "Parathyroid gland",
  "desc_cz": "P\u00159\u00edst\u00edn t\u0011bl\u00159 jso\u0011 mal\u0011 org\u0011n\u0011 u\u0011lo na zadn\u0011 plo\u0011e \u0011t\u0011n\u0011 \u0011el\u0011y, \u0011dasto zano\u0011 do jej\u0011ho parenchymu. V\u0011bt\u0011linou b\u0011dvaj\u0011 4, ale pro dostate\u0011nou funkci bez pot\u0011by substitu\u0011dn\u0011 terapie posta\u0011d\u0011 zanech\u0011n\u0011 p\u0011flky jednoho t\u0011bl\u0011 - nap\u0011 edklad p\u0011i extrakci strumy.",
  "desc_en": "Double-p aired organs on the back surface of the thyroid gland, often embedded into the parenchyme of the thyroid gland. Hormonal substitution sufficiently provide d even by one half of the gland, which often happens after the goiter surgery.",
  "insert_who": "IvaG",
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  "txt_en": "Thyroid gland",
  "desc_cz": "\u0011t\u0011n\u0011 \u0011el\u0011z\u0011 tvo\u0011 2 laloky u\u0011lo v kr\u0011dn\u0011 oblasti, \u0011linou spojen\u0011 transverz\u0011ln\u0011m m\u0011fstkem (takzvan\u0011 isthmus).",
  "desc_en": "The thyroid gland consists of two lobes bridged by an isthmus.",
  "insert_who": "IvaG",
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  "txt_cz": "Artefici\u0011ln\u0011 \u0011t\u0011t\u0011rbiny",
  "txt_en": "Artefact",
  "desc_cz": "Koloid ve folikulech se v\u0011bt\u0011linou p\u0011i za\u0011v\u0011n\u0011 do parafinu p\u0011i rychl\u0011m odvodn\u0011 svra\u0011uje, a tak vznikaj\u0011 um\u0011t\u0011 koloidu v b\u0011edzkosti epitelov\u0011 \u0011stelky tyto artifice\u0011ln\u0011 \u0011t\u0011t\u0011rbiny.",
  "desc_en": "This splittings formed within the follicle is an artefact from tissue processing - the colloid shrinks because the rapid dehydration necessary for embedding the tissue in parafin.",
  "insert_who": "HynekJanac",
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  "txt_en": "Chief (chromophobe) cells",
  "desc_cz": "Jsou \u0011detn\u0011btlej\u0011, ale men\u0011e bu\u001148ky oxyfiln\u0011, maj\u0011 sv\u0011btlou cytoplazmu. Tvar je polyedrick\u0011, j\u0011dro je kulovit\u0011 s hrdkovit\u0011 chromatinem. Tyto bu\u001148ky produkuj\u0011 parathormon.",
  "desc_en": "Chief cells are the most numerous type. They are smaller than oxyphilic cells and they have a lightly stained cytoplasm. Their nuclei are round and centrally placed. They produce PTH (parathormone).",
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  "txt_cz": "Capsula",
  "txt_en": "Fibrous capsule",
  "desc_cz": "Obaluje p\u0011i \u0011t\u0011n\u0011 t\u0011bl\u0011 - vys\u0011dl\u0011 do jejich parenchymu \u0011detn\u0011 septa neso\u0011c\u0011v\u0011.",
  "desc_en": "The fibrous capsule sends septa e, which harbor blood vessels, into the parenchyme of the gland.",

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"insert_who": "IvaG",
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  "txt_en": "Parafollicular cell",
  "desc_cz": "Jsou uspo\u0159\u00e9d\u00e9ny jednotliv\u011b nebo ve skupink\u00e9ch. Jsou v\u011bt\u0161\u00e9 a
sv\u011btlej\u0161\u00e9 ne\u017e folikul\u00e9rn\u00e9 bu\u0148ky. V t\u011bchto bu\u0148k\u00e9ch prob\u00e9h\u00e9 synt\u00e9za
kalcitoninu.",
  "desc_en": "P arafollicular cells are part of the follicles. They are typically situated basally in the epithelium, without
direct contact with the follicular colloid. They are always located within the basement membrane, which surrounds the entire follicle.
These cells are the producers of calcitonin.",
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