Mikroskop:20069/annot

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sekrety barven\u00fdmi PAS. Na sn\u00edmku je zn\u00e1zorn\u011bn jako p\u0159\u00ed\u010dn\u00fd \u0159ez, proto\u017ee \u017el\u00e1zy
jsou spir\u00e1lovit\u011b bl\u00ed\u017ee k baz\u00e1ln\u00ed vrstv\u011b a rovn\u011bj\u0161\u00ed sm\u011brem k d\u011blo\u017een\u00ed
dutin\u011b. Proto v zona spongiosa vypadaj\u00ed tyto \u017el\u00e1zy jako pod\u00e9ln\u00fd \u0159ez a p\u0159i uzav\u0159en\u00ed k
baz\u00e1ln\u00ed \u010d\u00e1sti endometria se st\u00e1vaj\u00ed v\u00edce p\u0159\u00ed\u010dn\u00fdmi (p\u0159\u00ed\u010dn\u00fd
\u0159ez spir\u00e1ln\u00ed \u010d\u00e1st\u00ed)\n",
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the slide is represented as a trasnverse section because the glands are spiral closer to the basal layer and more straight toward the
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vytvo\u0159en\u00e9 invaginacemi v d\u011blo\u017en\u00edm endometriu.\n",
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obarveny PAS reakc\u00ed d\u00edky p\u0159\u00edtomnosti glykoprotein\u016f v nich.\n",
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glykoprotein\u016f uvnit\u0159 t\u011bchto bun\u011bk. Glykoproteinov\u00e1 granula jsou vid\u011bt v apik\u00e1ln\u00edch
\u010d\u00e1stech t\u011bchto bun\u011bk.\n",
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\u0158\u00eddk\u00e9 kolagenn\u00ed vazivo se zn\u00e1mkami pros\u00e1knut\u00ed mezibun\u011b\u010dn\u00e9 hmoty. Sekretem
dilatovan\u00e1 t\u011bla \u017el\u00e1zek podmi\u0148uj\u00ed obraz pars spongiosa zonae functionalis. PAS pozitivita sekretu je
zp\u016fsobena obsahem glykoprotein\u016f, v cytoplasm\u011b epitelov\u00fdch bun\u011bk jsou krom\u011b toho prokazov\u00e1na
glykogenov\u00e1 granula v infranukle\u00e1rn\u00ed lokalizaci.",
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of loose connective tissue with highly hydrated ECM. Due to accumulated secretion s, irregular dilatations of endometrial gland bodies
giv e  the zona functionalis a spongy appearance.\n\n\n\nPAS positivity of secretion is caused by glycoproteins in apical portions of the
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ka\u017ed\u00e9m menstrua\u010dn\u00edm cyklu, s kompaktn\u00edmi decidu\u00e1ln\u00edmi bu\u0148kami.\n",
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nich tak polyedrick\u00e9 bu\u0148ky, kter\u00e9 se naz\u00fdvaj\u00ed pseudodecidu\u00e1ln\u00edmi bu\u0148kami. Ukl\u00e1daj\u00ed
glykogenov\u00e1 granula a kap\u00e9nky lipid\u016f. Maj\u00ed jemnou chromatinovou strukturu s v\u00fdrazn\u00fdm nukleolem jako
projevem vysok\u00e9 transkrip\u010dn\u00ed aktivity. Vznikaj\u00ed rozpadem \u017elut\u00e9ho t\u011bl\u00edska a zna\u010d\u00ed
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store glycogen granules and lipid droplets. The nucleus of the cell has signs of high transcriptional activity.They arise from the
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retikul\u00e1rn\u00edch vl\u00e1ken. Zona basalis je z\u00e1sobovan\u00e1 z p\u0159\u00edm\u00fdch arteriol. P\u0159i menstruaci se zona
basalis neodlu\u010duje - doch\u00e1z\u00ed k regeneraci sliznici ze dna \u017el\u00e1zek vlivem estrogen\u016f.",
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not peeled during the menstrual cycle and the layer plays a role in regeneration of zona functionalis.\n\nDuring the follicular phase
(also called proliferative phase) in menstrual cycle, under the influence of the hormone estrogen, the zona functionalis is
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cylindrick\u00fd epitel, pod kter\u00fdm jsou \u017el\u00e1zky, kter\u00e9 se \u0161roubovit\u00e9 st\u00e1\u010dej\u00ed. Vrchn\u00ed
\u010dtvrtina zona functionalis se naz\u00fdv\u00e1 pars compacta a obsahuje kr\u010dky \u017el\u00e1zek. Zbyl\u00e9 t\u0159i
\u010dtvrtiny zona functionalis se naz\u00fdvaj\u00ed pars spongiosa a obsahuj\u00ed roz\u0161\u00ed\u0159en\u00e1 t\u011bla
\u017el\u00e1zek. Cel\u00e1 zona functionalis je z\u00e1sobena spir\u00e1lovit\u00fdmi arteriolami. V pr\u016fb\u011bhu menstruace
doch\u00e1z\u00ed k degeneraci a odlou\u010den\u00ed bun\u011bk t\u00e9to zony.",
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Spongiosa layer, there are endometrial glands. The Zona Functionalis has a rich supply of blood via the spiral arterioles.\n\n\n\nIn
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