

FEMALE GENITAL ORGANS
ORGANA GENITALIA FEMININA

INTERNAL ORGANS:

ovarium
tuba uterina
uterus
vagina

EXTERNAL ORGANS

mons pubis (veneris)
labia majora pudendi
labia minora pudendi
clitoris
bulbus vestibuli
glandulae vestibulares majores et minores

OVARIUM

4x2x1 cm, 6g
facies lateralis, medialis
margo liber, mesovaricus-mesovarium-hilum ovarii
extremitas tubaria - lig. suspensorim ovarii
extremitas uterina - lig. ovarii proprium
nullipara - fossa ovarica
multipara - fossa Claudii
epithelium, tunica albuginea, cortex ovarii - folliculi ovarici primarii,
folliculi ovarici vesiculosi (Graaf) – ovum, antrum folliculi,
liquor folliculi, membrana granulosa – cumulus oophorus,
ovulation, corpus luteum menstruationis/graviditatis, progesterone, estrogens, medulla ovarii
a. ovarica, r. ovaricus a. uterinae, v. ovarica, nodi lymphatici lumbales, plexus ovaricus

TUBA UTERINA

10-12 cm
ostium uterinum tubae, ostium abdominale tubae uterinae
pars intramuralis, isthmus, ampulla, infundibulum - fimbriae, fimbria ovarica
r. tubarius a. ovaricae, r. tubarius a. uterinae
plexus venosus uterinus, nodi lymph. lumbales
plexus ovaricus, plexus uterovaginalis

UTERUS /HYSTERA/METRA

7x5x3 cm, 40-50 g (1000 g)
corpus uteri, cornua uteri, fundus uteri, isthmus uteri,
cervix uteri - portio supravaginalis, portio vaginalis
facies vesicalis, facies intestinalis, margo uteri dx. et sin.
cavum uteri (6 cm), canalis cervicis - plicae palmatae,
canalis isthmi (orificium internum canalis cervicis)
ostium uteri (orificium externum canalis cervicis)

anteversio, anteflexio, lateropositio, dextrotorsio
(retroversio, retroflexio)

ligamentum latum uteri - excavatio vesicouterina, excavatio rectouterina (Douglas)

parametrium - lig. cardinale uteri, ligg. sacrouterina, ligg. vesicouterina - ligg.

pubovesicalia, lig. teres uteri

endometrium - zona functionalis, zona basalis, myometrium - stratum supravasculosum, vasculosum, subvasculosum, parametrium

a. uterina, plexus venosus uterinus, nodi lymph. lumbales, inguinales spf., iliaci int. - n. lymph. parauterinus (Bayer), nodi lymph. iliaci externi, sacrales

plexus uterovaginalis

menstrual cycle: phase of proliferation

phase of secretion

phase of ischemia

phase of desquamation (menstruation)

VAGINA

ostium vaginae - vestibulum vaginae, hymen (anularis, cribriformis, septus, semilunaris), carunculae hymenales

paries ant. et post. - rugae vaginales - columna rugarum ant. et post., carina urethralis vaginae, fornix vaginae

septum urethrovaginale, septum rectovaginale, paracolpium, m. pubovaginalis

r. vaginalis a. uterinae, plexus uterovaginalis,

nodi lymph. iliaci int. , inguinales spf.

plexus uterovaginalis, n. pudendus

ORGANA GENITALIA FEMININA EXTERNA

Mons pubis - pubes

Labia majora pudendi - 8 x 2cm, sulcus genitofemoralis, commissura labiorum anterior et posterior, rima pudendi, perineum, raphe perinei

Labia minora pudendi - 4cm x 5mm, sulcus interlabialis, praeputium clitoridis, frenulum clitoridis, frenulum labiorum pudendi - fossa navicularis, smegma praeputii

Vestibulum vaginae - glandulae vestibulares majores (Bartholini), glandulae vestibulares minores

Clitoris - crura clitoridis, corpus clitoridis, glans clitoridis, corpora cavernosa clitoridis, fascia clitoridis, lig. suspensorium clitoridis, lig fundiforme clitoridis

Bulbus vestibuli - 3 x 1 cm, pars intermedia, m. bulbospongiosus

PELVIC FLOOR

DIAPHRAGMA PELVIS

1. M. levator ani

- m. iliococcygeus - arcus tendineus m. levatoris ani, lig. anococcygeum

- m. pubococcygeus - hiatus genitalis

- (m. puborectalis)

2. M. coccygeus

DIAPHRAGMA UROGENITALE

1. **M. transversus perinei profundus - lig. transversum perinei**
2. **M. sphincter urethrae**
3. **M. transversus perinei superficialis**

MUSCLES OF THE EXTERNAL GENITAL ORGANS

1. **M. ischiocavernosus**
 2. **M. bulbospongiosus**
 3. **M. sphincter ani externus**
- Centrum tendineum perinei**

Fascia pelvis parietalis - fascia obturatoria (arcus tendineus m. levatoris ani), fascia diaphragmatis pelvis superior, fascia diaphragmatis urogenitalis superior, arcus tendineus fasciae pelvis

Fascia pelvis visceralis

Fascia diaphragmatis pelvis inferior

Fascia diaphragmatis urogenitalis inferior - spatium perinei profundum

Fascia perinei superficialis - spatium perinei superficiale

Fossa ischiorectalis, canalis pudendalis (Alcock)