

1. ANIMAL IDENTIFICATION

species \_\_\_\_\_

breed \_\_\_\_\_

color \_\_\_\_\_

sex  female  male

neutered  yes  no  **R** cryptorchid  **L** cryptorchid

age \_\_\_\_\_

weight \_\_\_\_\_

nutritional condition  very good  good  medium  bad  scrawny

maintenance condition  very good  good  medium  bad

distinguishing marks/  
animal I.D. \_\_\_\_\_

2. CLINICAL ABSTRACT

**EXTERNAL EXAM**

3. EXAMINATION OF THE SIGNS OF DEATH

1) **Rigor mortis**

- absent
  - joints of the head, neck, fore and hind limbs, trunk and tail movable
  - muscles of the head, neck, fore and hind limbs, trunk and tail that are flexible, flaccid and bendable
- present
  - joints of the [...] immobile
  - muscles [...] rigid, hard and unbendable

2) **Algor mortis**

- equalized with ambient temperature
- lower than ambient temperature
- higher than ambient temperature

external temperature of the corpse

3) **Pallor mortis**

- pale
- 

mucous membrane of the vestibule of the mouth and non-pigmented skin in the groin area

4) **Livor mortis**

- invisible
- visible

area			
length			
width			

5) **Postmortal desiccation**

- remain moist
- partially desiccated
- desiccated

inspecting the tip of the tongue, the rhinarium, the paw pads and the conjunctivae

6) **Putrefaction or decomposition**

- no
- yes

7) **Determination of the time between death and necropsy**

- warm and limp corpse: <3 hours
- warm and stiff corpse: 3-8 hours
- cold and stiff corpse: 8-72 hours
- cold and limp corpse: >72 hours

the rigor mortis begins 8-12 h after death and lasts for 48-72 h

## 4. EXAMINATION OF THE COAT, SKIN AND MUCOUS MEMBRANES OF THE NATURAL ORFICES OF THE BODY

hair	skin	mucous membrane of the oral cavity vestibule	teeth
1) coarseness: <input type="checkbox"/> smooth <input type="checkbox"/> wire-haired	1) color: <input type="checkbox"/> pigmented <input type="checkbox"/> non-pigmented	1) color: <input type="checkbox"/> pale pink <input type="checkbox"/> pigmented <input type="checkbox"/> pallor	1) bite: <input type="checkbox"/> correct <input type="checkbox"/> incorrect
2) dimness: <input type="checkbox"/> silky <input type="checkbox"/> matte	2) continuity: <input type="checkbox"/> maintained <input type="checkbox"/> not maintained	2) moistness: <input type="checkbox"/> dry <input type="checkbox"/> moist	2) dentition completeness: <input type="checkbox"/> complete <input type="checkbox"/> incomplete lack:
3) adherence: <input type="checkbox"/> adherent <input type="checkbox"/> rough	– area – L – W – look – penetration level	3) mucus: <input type="checkbox"/> stingy <input type="checkbox"/> mediocre <input type="checkbox"/> abundant	3) socket placement <input type="checkbox"/> well <input type="checkbox"/> loose
4) continuity: <input type="checkbox"/> maintained <input type="checkbox"/> not maintained	3) skin turgor <input type="checkbox"/> normal <input type="checkbox"/> decreased	<input type="checkbox"/> transparent <input type="checkbox"/> stained with blood	4) development: <input type="checkbox"/> correct <input type="checkbox"/> incorrect
– area – L. – W.	4) pustules, spots, abscesses, growths, tumors or other: <input type="checkbox"/> lack <input type="checkbox"/> present in number:	<input type="checkbox"/> serous <input type="checkbox"/> mucoserous <input type="checkbox"/> mucous	5) color: <input type="checkbox"/> white <input type="checkbox"/> yellow-cream
5) embedding: <input type="checkbox"/> well <input type="checkbox"/> weakly	<i>description below</i>		6) hardly exfoliating teeth tartar : <input type="checkbox"/> significant <input type="checkbox"/> mediocre <input type="checkbox"/> absent
6) elasticity: <input type="checkbox"/> elastic <input type="checkbox"/> brittle			

Discontinuity of the coat or skin/ skin products:

Description on the outside: area, shape, size, color, consistency, peduncle ; inside: color, consistency

1.

outside

inside

2.

outside

inside

nostrils/rhinarium	mucosa of RIGHT vestibule of the nasal cavity	mucosa of LEFT vestibule of the nasal cavity	RIGHT eye palpebral fissure	LEFT eye palpebral fissure
1) species-specific <b>R</b> <input type="checkbox"/> yes <input type="checkbox"/> no <b>L</b> <input type="checkbox"/> yes <input type="checkbox"/> no	1) color: <input type="checkbox"/> pale pink <input type="checkbox"/> pigmented <input type="checkbox"/> pallor	1) color: <input type="checkbox"/> pale pink <input type="checkbox"/> pigmented <input type="checkbox"/> pallor	<input type="checkbox"/> opened <input type="checkbox"/> semi-open <input type="checkbox"/> closed	<input type="checkbox"/> closed <input type="checkbox"/> semi-open <input type="checkbox"/> closed
2) development: <b>R</b> <input type="checkbox"/> correct <input type="checkbox"/> incorrect <b>L</b> <input type="checkbox"/> correct <input type="checkbox"/> incorrect	2) moistness: <input type="checkbox"/> dry <input type="checkbox"/> moist	2) moistness: <input type="checkbox"/> dry <input type="checkbox"/> moist	appearance of the conjunctiva of the upper, lower and third eyelids	appearance of the conjunctiva of the upper, lower and third eyelids
3) symmetry: <b>R</b> <input type="checkbox"/> symmetrical <input type="checkbox"/> unsymmetrical <b>L</b> <input type="checkbox"/> symmetrical <input type="checkbox"/> unsymmetrical	3) mucus: <input type="checkbox"/> stingy <input type="checkbox"/> mediocre <input type="checkbox"/> abundant  <input type="checkbox"/> transparent <input type="checkbox"/> stained with blood  <input type="checkbox"/> serous <input type="checkbox"/> mucoserous <input type="checkbox"/> mucous	3) mucus: <input type="checkbox"/> stingy <input type="checkbox"/> mediocre <input type="checkbox"/> abundant  <input type="checkbox"/> transparent <input type="checkbox"/> stained with blood  <input type="checkbox"/> serous <input type="checkbox"/> mucoserous <input type="checkbox"/> mucous	1) color: <input type="checkbox"/> pale pink <input type="checkbox"/> pigmented <input type="checkbox"/> pallor	1) color: <input type="checkbox"/> pale pink <input type="checkbox"/> pigmented <input type="checkbox"/> pallor
			2) moistness: <input type="checkbox"/> dry <input type="checkbox"/> moist	2) moistness: <input type="checkbox"/> dry <input type="checkbox"/> moist
			3) discharge: <input type="checkbox"/> stingy <input type="checkbox"/> mediocre <input type="checkbox"/> abundant  <input type="checkbox"/> transparent <input type="checkbox"/> stained with blood  <input type="checkbox"/> serous <input type="checkbox"/> mucoserous <input type="checkbox"/> mucous	3) discharge: <input type="checkbox"/> stingy <input type="checkbox"/> mediocre <input type="checkbox"/> abundant  <input type="checkbox"/> transparent <input type="checkbox"/> stained with blood  <input type="checkbox"/> serous <input type="checkbox"/> mucoserous <input type="checkbox"/> mucous
			cornea <input type="checkbox"/> transparent <input type="checkbox"/> opaque <input type="checkbox"/> continuous <input type="checkbox"/> discontinuous	cornea <input type="checkbox"/> transparent <input type="checkbox"/> opaque <input type="checkbox"/> continuous <input type="checkbox"/> discontinuous
			Eye tonus <input type="checkbox"/> maintained <input type="checkbox"/> not preserved	Eye tonus <input type="checkbox"/> maintained <input type="checkbox"/> not preserved

**RIGHT auricle**

- 1) development
  - correct
  - incorrect
- 2) species-specific
  - yes
  - no
- 3) color
  - pale pink
  - grey
  - pale
  - pigmented

external ear canal **R**

- 4) patency
  - patent
  - obstructed
- 5) cerumen
  - stingy
  - mediocre
  - abundant
  
  - dark brown
  - yellow

**LEFT auricle**

- 1) development
  - correct
  - incorrect
- 2) species-specific
  - yes
  - no
- 3) color
  - pale pink
  - grey
  - pale
  - pigmented

external ear canal **L**

- 4) patency
  - patent
  - obstructed
- 5) cerumen
  - stingy
  - mediocre
  - abundant
  
  - dark brown
  - yellow

**foreskin**

- mucous membrane
- 1) color
    - pale pink
    -
  - 2) moistness:
    - dry
    - moist
  - 3) smegma:
    - stingy
    - mediocre
    - abundant
  
    - white
    - green
    - yellow
    - stained with blood

**Testes**

- 1)
  - LACK
  - PRESENT
- 2) age-dependent development
  - correct
  - incorrect
- 3)
  - descended
  - undescended
    - both
    - one

**R**

- 4) size
  - correct
  - enlarged
  - reduced
- 5) shiftability
  - movable
  - non-movable

**L**

- 6) size
  - correct
  - enlarged
  - reduced
- 7) shiftability
  - movable
  - non-movable

**testicular parenchyma**

- R**
- correct
  - tumors?
- L**
- correct
  - tumors?

*If tumor is present, describe it below.*

**vagina**

- labia
- 1) development
    - correct
    - incorrect
  - 2) symmetry
    - symmetrical
    - unsymmetrical

## mucous membrane

- 3) color
  - pale pink
  -
- 4) moistness:
  - dry
  - moist
- 5) discharge:
  - stingy
  - mediocre
  - abundant
  
  - transparent
  - stained with blood
  
  - serous
  - mucoserous
  - mucous

**anus**

- open
  - closed
  - patulent
- 1) fecal contamination
    - yes
    - no
- mucous membrane
- 2) color
    - pale pink
    - pigmented
    - partially pigmented
    - white
  - 3) moistness:
    - dry
    - moist
  - 4) discharge:
    - stingy
    - mediocre
    - abundant
  
    - transparent
    - stained with blood
  
    - serous
    - mucoserous
    - mucous

## INTERNAL EXAM

## 5. BLOOD, SUBCUTANEOUS TISSUE AND SKELETAL MUSCLE

**blood flowing from cut subcutaneous, axillary and inguinal vessels:**

- 1) amount of flowing blood:
  - stingy
  - mediocre
  - abundant
- 2) density:
  - dense
  - runny
- 3) color:
  - dark red
  - vivid red
  - bright red
- 4) air coagulation:
  - coagulate
  - does not coagulate

**subcutaneous tissue:**

- 1) amount:
  - well-developed
  - underdeveloped
- 2) color:
  - creamy yellow
  - green
  - yellow-green

**livor mortis, extravasation?**

area \_\_\_\_\_  
width: \_\_\_\_\_  
length: \_\_\_\_\_

**skeletal muscles:**

- 1) development:
  - correct
  - incorrect
- 2) color:
  - dark red
  - vivid red
- 3) consistency:
  - stout
  - flaccid
- 4) fibrillar structure:
  - preserved
  - abolished

## 6. ABDOMINAL

**abdominal fluid**

- 1) quantity
  - sufficient to wet the organs
  - (ml) \_\_\_\_\_
  - a. color:
    - colored with blood stains
    - transparent
    - yellow
  - b. clarity:
    - clear
    - cloudy

**omentum**

- 1) development:
  - correct
  - incorrect
- 2) continuity
  - maintained
  - not preserved
- 3) fatness
  - stingy
  - mediocre
  - abundant
- 4) smoothness
  - smooth
  - rough
- 5) translucency
  - translucent
  - opaque

**abdominal viscera**

- 1) arrangement
  - correct
  - incorrect

*description of changes*

**parietal peritoneum**

- 1) smoothness
  - smooth
  - rough
- 2) shine
  - shiny
  - matt
- 3) translucency
  - translucent
  - opaque
- 4) muscles of abdominal wall
  - visible, dark red, with preserved filamentary structure
  -

## 6. THORAX

**sternal pleura**

- 1) smoothness
  - smooth
  - rough
- 2) shine
  - shiny
  - matt
- 3) translucency
  - translucent
  - opaque
- 4) sternalis muscles
  - visible, dark red, with preserved filamentary structure
  -

**thorax fluid**

- 1) quantity
  - sufficient to wet the organs
  - (ml) \_\_\_\_\_
  - c. color:
    - colored with blood stains
    - transparent
    - yellow
  - d. clarity:
    - clear
    - cloudy

**thorax viscera**

- 1) arrangement
  - correct
  - incorrect

*description of changes*

**wall pleura**

- 1) smoothness
  - smooth
  - rough
- 2) shine
  - shiny
  - matt
- 3) translucency
  - translucent
  - opaque
- 4) intercostal muscles
  - visible, dark red, with preserved filamentary structure
  -

## 7. VISCERA OF THE HEAD, NECK AND THORAX

**tongue**

- 1) development:
- correct
  - incorrect
- 2) size:
- length \_\_\_\_\_ cm
  - width \_\_\_\_\_ cm
- 3) consistency
- flaccid
  - flexible

**mucous membrane of the tongue**

dorsal side - rough mucus with lingual papillae  
ventral side - smooth mucus membrane

- 4) color:
- pale pink
  - pink-red
  - raspberry-red
- 5) continuity
- maintained
  - not preserved
- 6) swell:
- mediocre
  - strong
- 7) moistness:
- dry
  - moist
- 8) discharge:
- stingy
  - mediocre
  - abundant
  - transparent
  - stained with blood
  - serous
  - mucoserous
  - mucous

**on the cross-section of muscles of the tongue**

- 9) color
- dark pink
  - pale
  - raspberry-red
- 10) filamentous structure
- maintained
  - not-preserved

**RIGHT tonsil**

- 1) size:
- length \_\_\_\_\_ cm
  - width \_\_\_\_\_ cm
- 2) shape:
- oval
  - round
  - thaler-like
  - crescent

**flesh after cutting:**

- 1) color:
- yellow-cream
  - pink
- 2) tenderness:
- non-tender
  - tender

**LEFT tonsil**

- 1) size:
- length \_\_\_\_\_ cm
  - width \_\_\_\_\_ cm
- 2) shape:
- oval
  - round
  - thaler-like
  - crescent

**flesh after cutting:**

- 3) color:
- yellow-cream
  - pink
- 4) tenderness:
- non-tender
  - tender

**throat – mucous membrane**

- 1) color:
- pale pink
  - vivid pink
  - dark red
- 2) swell:
- mediocre
  - strong
- 3) moistness:
- dry
  - moist
- 4) discharge:
- stingy
  - mediocre
  - abundant
  - transparent
  - stained with blood
  - serous
  - mucoserous
  - mucous

**oesophagus**

- 1) color:
- pale pink
  - vivid pink
  - dark red
  - white
- 2) swell:
- mediocre
  - strong
- 3) moistness:
- dry
  - moist
- 4) discharge:
- stingy
  - mediocre
  - abundant
  - transparent
  - stained with blood
  - frothy**
  - serous
  - mucoserous
  - mucous
- 5) mucosal defects
- no
  - ecchymoses
  - erosions
  - ulcers

**larynx****laryngeal cartilage**

- 1) development:
- correct
  - incorrect
- 2) symmetry:
- symmetrical
  - unsymmetrical
- 3) flexibility:
- flexible
  - inflexible

**laryngeal mucosa**

- 1) color:
- pale pink
  - redness
  - pale
- 2) swell:
- mediocre
  - strong
- 3) moistness:
- dry
  - moist
- 4) discharge:
- stingy
  - mediocre
  - abundant
  - transparent
  - stained with blood
  - frothy**
  - serous
  - mucoserous
  - mucous

**trachea****tracheal cartilage**

- 1) development:
- correct
  - incorrect
- 2) symmetry:
- symmetrical
  - unsymmetrical
- 3) flexibility:
- flexible
  - inflexible

**tracheal mucosa**

- 1) color:
- pale pink
  - redness
  - pale
- 2) swell:
- mediocre
  - strong
- 3) moistness:
- dry
  - moist
- 4) discharge:
- stingy
  - mediocre
  - abundant
  - transparent
  - stained with blood
  - frothy**
  - serous
  - mucoserous
  - mucous

**pulmonary pleura**

- 1) smoothness
  - smooth
  - rough
- 2) shine
  - shiny
  - matt
- 3) translucency
  - translucent
  - opaque

**lungs**

*if the lobe of the lung is altered, make a separate description*

- lungs with the number and shape of lobes characteristic of the species
  -
- 1) development:
    - correct
    - incorrect
  - 2) edge shape:
    - rounded
    - sharp
  - 3) color:
    - pinkish-gray
    - blue-red
    - marbled from \_\_\_\_\_ to \_\_\_\_\_
  - 4) consistency:
    - spongy
    - squishy
    - fluffy
    - hard
    - rubbery
    - dull

**on the cross-section**

*determine which airfoil*

**RIGHT lung**

- 1) color:
    - pinkish-gray
    - red
    - cherry
  - 5) discharge:
    - stingy
    - mediocre
    - abundant
- transparent
  - stained with blood
  - frothy**
- serous
  - mucoserous
  - mucous

**LEFT LUNG**

- 1) color:
    - pinkish-gray
    - red
    - cherry
  - 2) discharge:
    - stingy
    - mediocre
    - abundant
- transparent
  - stained with blood
  - frothy**
- serous
  - mucoserous
  - mucous

**aeration of RIGHT lung**

- cranial lobe
- aerated
  - partially aerated
  - not-aerated
- middle lobe
- aerated
  - partially aerated
  - not-aerated
- caudal lobe
- aerated
  - partially aerated
  - not-aerated
- additional lobe
- aerated
  - partially aerated
  - not-aerated

**aeration of LEFT lung**

- cranial lobe
- aerated
  - partially aerated
  - not-aerated
- caudal lobe
- aerated
  - partially aerated
  - not-aerated

**fibrous pericardium:**

- 1) development:
  - correct
  - incorrect
- 2) continuity
  - maintained
  - not preserved
- 3) fatness
  - stingy
  - mediocre
  - abundant

**pericardial sac fluid:**

- straw-clear liquid in the amount necessary to wet the heart muscle
- (ml)\_\_\_\_\_
  - a. color:
    - colored with blood stains
    - transparent
    - yellow
  - b. clarity:
    - clear
    - cloudy

**parietal layer of visceral pericardium:**

- 1) smoothness
  - smooth
  - rough
- 2) shine
  - shiny
  - matt
- 3) translucency
  - translucent
  - opaque

**epicardium**

- 1) smoothness
  - smooth
  - rough
- 2) shine
  - shiny
  - matt
- 3) translucency
  - translucent
  - opaque

**heart muscle**

- 1) shape:
  - conical heart
  - spherical

*similar length and width → cardiomyopathy*

- 2) size (cm):
  - length\_\_\_\_\_
  - width\_\_\_\_\_

**left ventricle and atrium****clots**

- lack
- present
- non-clotting blood

- 1) color
  - dark red
  -
- 2) moistness
  - dry
  - moist

**pentobarbital signs**

- yes
- no

**endocardium**

- 1) smoothness
  - smooth
  - rough
- 2) shine
  - shiny
  - matt
- 3) translucency
  - translucent
  - opaque

**mitral valve**

- 1) development:
  - correct
  - incorrect
- 2) smoothness
  - smooth
  - rough
- 3) shine
  - shiny
  - matt
- 4) membranousness:
  - membranous
  - non-membranous
- 5) translucency
  - translucent
  - opaque

**tendon strings**

- 1) development:
  - correct
  - incorrect

**papillary muscles**

- 1) development:
  - correct
  - incorrect

**right ventricle and atrium****clots**

- lack
- present
- non-clotting blood

- 1) color
  - dark red
  -
- 2) moistness
  - dry
  - moist

**pentobarbital signs**

- yes
- no

**endocardium**

- 1) smoothness
  - smooth
  - rough
- 2) shine
  - shiny
  - matt
- 3) translucency
  - translucent
  - opaque

**tricuspid valve**

- 1) development:
  - correct
  - incorrect
- 2) smoothness
  - smooth
  - rough
- 3) shine
  - shiny
  - matt
- 4) membranousness:
  - membranous
  - non-membranous
- 5) translucency
  - translucent
  - opaque

**tendon strings**

- 1) development:
  - correct
  - incorrect

**papillary muscles**

- 1) development:
  - correct
  - incorrect

**pulmonary artery****clots**

- lack
- present
- non-clotting blood

- 1) color
  - dark red
  -
- 2) moistness
  - dry
  - moist

**inner membrane**

- 1) smoothness
  - smooth
  - rough
- 2) color
  - light pink
  - colored with blood stains
- 3) shine
  - shiny
  - matt

**pulmonary semilunar valve**

- 1) smoothness
  - smooth
  - rough
- 2) shine
  - shiny
  - matt
- 3) translucency
  - translucent
  - opaque

**aortic intima****clots**

- lack
- present
- non-clotting blood

- 1) color
  - dark red
  -
- 2) moistness
  - dry
  - moist

**inner membrane**

- 3) smoothness
  - smooth
  - rough
- 4) shine
  - shiny
  - matt
- 5) translucency
  - translucent
  - opaque

**semilunar valve of the aorta**

- 1) smoothness
  - smooth
  - rough
- 2) shine
  - shiny
  - matt
- 3) translucency
  - translucent
  - opaque
  -

**chamber wall thickness: (cm)**

- left \_\_\_\_\_
- right \_\_\_\_\_

**left ventricular muscle on a cross-section:**

- 1) color:
  - dark pink
  - light pink
  - burgundy
- 2) preservation of the filamentous structure:
  - preserved
  - not-maintained

## 8. ABDOMINAL ORGANS

**spleen**

- 1) size:
  - length \_\_\_\_\_
  - width \_\_\_\_\_
- 2) shape:
  - extended
  - funnel-shape (horse, dog, cat)
  - oval (cattle, pig)
  - triangular (goat, sheep)
- 3) edges:
  - rounded
  - sharp
  - notched
- 4) color:
  - reddish-purple
  - bluish-red
  - red
- 5) consistency:
  - flaccid
  - stout
  - tender
  - doughy
  - smear
- 6) color on the cross-section
  - red
  - brown
- 7) appearance of the discharge:
  - stingy
  - mediocre
  - abundant
  - transparent
  - stained with blood
  - serous
  - mucoserous
  - mucous
- 8) pickup of pulp on the knife:
  - stingy
  - mediocre
  - abundant

**diaphragm**

tendon to diaphragm muscle ratio (1:3/4)

- preserved
- not preserved

**diaphragmatic pleura**

- 1) smoothness
  - smooth
  - rough
- 2) shine
  - shiny
  - matt
- 3) translucency
  - translucent
  - opaque
- 4) diaphragm muscles
  - visible, dark red, with a fibrillar structure
  -

**diaphragmatic peritoneum**

- 1) smoothness
  - smooth
  - rough
- 2) shine
  - shiny
  - matt
- 3) translucency
  - translucent
  - opaque
- 4) diaphragm muscles
  - visible, dark red, with a fibrillar structure
  -

**liver**

- the number and shape characteristic for the specie

- 1) size:
  - length \_\_\_\_\_
  - width \_\_\_\_\_
- 2) edges:
  - rounded
  - sharp
  - notched
- 3) color:
  - yellow-brown
  - marbled from \_\_\_\_\_ to \_\_\_\_\_
- 4) consistency:
  - stout
  - flaccid
  - tender
  - doughy
  - smear

**liver parenchyma**

- 1) color:
  - red
  - brown-red
- 2) lobular structure:
  - preserved
  - obliterated
  - lack of lobular structure
- 3) discharge:
  - stingy
  - mediocre
  - abundant
  - transparent
  - stained with blood
  - serous
  - mucoserous
  - mucous

**gall bladder**

- 1) size:
  - length \_\_\_\_\_
  - width \_\_\_\_\_
- 2) filling:
  - empty
  - moderately
  - strongly
- 3) patency of the bile duct:
  - unobstructed
  - obstructed

**bile**

- 1) color
  - yellow
  - dark green
  - yellow-brown
  - coffee grounds alike

**follicle mucosa**

- 1) color:
  - pale pink
  - yellow-brown
  - yellow
- 2) swell:
  - mediocre
  - strong
- 3) moistness:
  - dry
  - moist



**RIGHT kidney**

- 1) size:
  - length \_\_\_\_\_
  - width \_\_\_\_\_
- 2) shape
  - bean
  - oval
- 3) type
  - multilobar with external lobation
  - multilobar with compact structure
  - unilobar with compact structure
  - reniculate
- 4) consistency:
  - flaccid
  - stout
  - tender
  - doughy
  - smear
- 5) renal capsule after cutting
  - curl up
  - no curl up
- 6) cortex to medulla ratio (1:3)
  - preserved
  - not preserved
- 7) cortex color
  - dark red-brown
  - yellow
- 8) medulla color
  - brown
  - pale grey
- 9) renal capsule exfoliation:
  - easily
  - with difficulty

**renal pelvis**

- 1) development:
    - correct
    - incorrect
- mucous membrane of the renal pelvis
- 2) color:
    - pale gray
    - white
  - 3) moistness:
    - dry
    - moist
  - 4) discharge:
    - stingy
    - mediocre
    - abundant
    - transparent
    - stained with blood
    - serous
    - mucoserous
    - mucous

**LEFT kidney**

- 1) size:
  - length \_\_\_\_\_
  - width \_\_\_\_\_
- 2) shape
  - bean
  - oval
- 3) type
  - multilobar with external lobation
  - multilobar with compact structure
  - unilobar with compact structure
  - reniculate
- 4) consistency:
  - flaccid
  - stout
  - tender
  - doughy
  - smear
- 5) renal capsule after cutting
  - curl up
  - no curl up
- 6) cortex to medulla ratio (1:3)
  - preserved
  - not preserved
- 7) cortex color
  - dark red-brown
  - yellow
- 8) medulla color
  - brown
  - pale grey
- 9) renal capsule exfoliation:
  - easily
  - with difficulty

**renal pelvis**

- 1) development:
    - correct
    - incorrect
- mucous membrane of the renal pelvis
- 2) color:
    - pale gray
    - white
  - 3) moistness:
    - dry
    - moist
  - 4) discharge:
    - stingy
    - mediocre
    - abundant
    - transparent
    - stained with blood
    - serous
    - mucoserous
    - mucous

**ureters**

- impalpable
- enlarged, tactile
- patent
- obstructed

**urinary bladder**

- 1) development:
  - correct
  - incorrect
- 2) filling:
  - empty
  - little
  - moderate
  - strong

**urine**

- 1) amount
  - small
  - (ml) \_\_\_\_\_
- 2) color
  - straw yellow
  - amber/brown
  - with "coffee grounds"
  - red

**bladder mucosa**

- 1) color:
  - pale pink
  - porcelain and white
  - stained with blood dyes
  - yellow
- 2) swell:
  - mediocre
  - strong
- 3) smoothness
  - smooth
  - rough
- 4) presence of
  - congestion
  - sand
  - stones
  - nothing

**urethra**

- patent
- obstructed

**uterus**

mucous membrane

- 1) color
  - pink
  -
- 2) swell
  - mediocre
  - strong
- 3) moistness:
  - dry
  - moist
- 4) discharge:
  - stingy
  - mediocre
  - abundant
  - transparent
  - stained with blood
  - serous
  - mucoserous
  - purulent

**Ovaries****P**

- 1) size:
  - length \_\_\_\_\_
  - width \_\_\_\_\_
- 2) presence of:  
(how much?)
  - dominant follicle
  - corpus luteum
  - hemorrhagic body
  - cyst
  - tumor
  - none - inactive

**L**

- 1) size:
  - length \_\_\_\_\_
  - width \_\_\_\_\_
- 2) presence of:  
(how much?)
  - dominant follicle
  - corpus luteum
  - hemorrhagic body
  - cyst
  - tumor
  - none - inactive

**stomach**

- 1) filling
- empty
  - little
  - mediocre
  - strong

**gastric contents**

- 1) color
- yellow
  - brown
  - with "coffee grounds"
- 2) odor
- typical
  - sour
  -

**mucous membrane**

- 1) continuity
- kept
  - interrupted
- 2) color
- pale pink
  - red
  - white
- 3) swell:
- mediocre
  - strong
- 4) corrugation
- preserved
  - unfolded
- 5) Can the gastric rugae be straightened?
- yes
  - no
- 6) moistness:
- dry
  - moist
- 7) discharge: (mucous)
- stingy
  - mediocre
  - abundant
  - transparent
  - stained with blood
  - serous
  - mucoserous
- 8) mucosal deficits
- no
  - ecchymosis
  - erosions
  - ulcers

**small intestine**

- 1) filling
- empty
  - little
  - mediocre
  - strong
- 2) gastric contents color
- yellow
  - brown
  - with "coffee grounds"

**mucous membrane**

- 1) color
- pale pink
  - red
  - porcelain white
- 2) swell:
- mediocre
  - strong
- 3) moistness:
- dry
  - moist
- 4) discharge: (mucous)
- stingy
  - mediocre
  - abundant
  - transparent
  - stained with blood
  - serous
  - mucoserous
- 5) mucosal deficits
- no
  - ecchymosis
  - erosions
  - ulcers

**large intestine**

- 1) filling
- empty
  - little
  - mediocre
  - strong
- 2) gastric contents fecal masses
- formed
  - unformed
- color
- dark brown
  - red
  - yellow
  - like "coffee grounds"

**mucous membrane**

- 1) color
- pale pink
  - red
  - porcelain white
- 2) swell:
- mediocre
  - strong
- 3) moistness:
- dry
  - moist
- 4) discharge: (mucous)
- stingy
  - mediocre
  - abundant
  - transparent
  - stained with blood
  - serous
  - mucoserous
- 5) mucosal deficits
- no
  - ecchymosis
  - erosions
  - ulcers

## 9. GROSS NECROPSY DIAGNOSES AND CAUSE OF DEATH