



Fish Disease Pathology

Necropsy





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Pay particular attention to:

- Liver color (should be “coffee with cream” color).
- Note different color
- Note whether liver reddened or very pale color
- Ulcers
- Hemorrhaging
- Inflammation of the spleen (enlarged and very dark red)
- Pale color of kidney
- Any white spots or nodules on kidney liver or spleen
- Transparency and inflammation of the intestine
- Hardening of the gall bladder
- Excess fluid in the peritoneal cavity (note whether fluid is yellow, bloody, or aqueous)



A curved banner at the top of the slide features a microscopic image of skin cells, showing various cell types and structures in shades of blue and purple. Below the banner, the title is written in large, bold, white capital letters.

PATHOLOGICAL CHANGES of INTEGUMENTARY SYSTEM

- 1) Excoriation and wounds:
- 2) Degenerative changes:
- 3) Edema:



PATHOLOGICAL CHANGES of INTEGUMENTARY SYSTEM

- 4) Ulcer:
- 5) Epidermal hyperplasia:
- 6) Tumor:

A curved banner at the top of the slide features a microscopic image of lung tissue, showing various types of alveoli and bronchioles. The banner has a blue background with a yellow border.

PATHOLOGICAL CHANGES of RESPIRATORY SYSTEM

- 1) Degenerative changes:
- 2) Circulation anomalies:

A curved banner at the top of the slide features a microscopic image of liver tissue, showing various cellular structures in shades of blue and green. Below the banner, the slide has a dark blue background.

PATHOLOGICAL CHANGES of LIVER

- 1) Degeneration
- 2) Necrosis
- 3) Fatty degeneration
- 4) Atrophy

A decorative header image showing a curved, yellow-bordered section containing a microscopic view of biological tissue, possibly showing various cell types and structures in shades of blue and green.

RENAL SYSTEM

- The organ is divided into two portions, an anterior head kidney composed of hematopoietic, lymphoid, and endocrine tissue, and a posterior trunk (body) kidney composed of numerous nephrons surrounded by interstitial lymphoid tissue.

A curved banner at the top of the slide features a microscopic image of kidney tissue, showing various structures like glomeruli and tubules in shades of blue and green. Below the banner, the title 'PATHOLOGICAL CHANGES of RENAL SYSTEM' is written in a bold, yellow, sans-serif font.

PATHOLOGICAL CHANGES of RENAL SYSTEM

- Hypertrophy of glomerulus
- Clogging of the space between the Glomerulus and Bowman's capsule
- Destruction and fibrosis of capsule
- Degeneration of tubul epithelial cells
- Necrosis of epithelial cells
- Hyaline droplets



PATHOLOGICAL CHANGES of REPRODUCTIVE SYSTEM

- Insufficient development
- Oocyte atresia
- Degenerative changes
- Tumor