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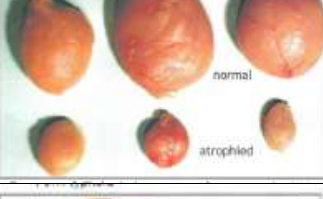

Berbagai patologi anatomi dapat diidentifikasi secara visual selama pemeriksaan nekropsi. Berikut merupakan jenis lesi yang paling umum dijumpai dan lesi yang berhubungan dengan penyakit patogen dan membutuhkan diagnosis cepat untuk kontrol yang tepat.

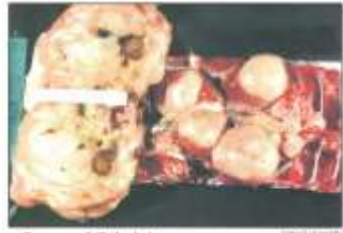






Patologi Anatomi	Lesi	Penyakit
	Skin erythema	<ul style="list-style-type: none"> - Velogenic viscerotropic Newcastle disease (vvND) - Highly pathogenic avian influenza (HPAI) - Septicemia - Alabama redleg syndrome (Marek's disease)
	Skin lesions	<ul style="list-style-type: none"> - Fowl pox – nodul, keropeng, pustul - Cannibalism – keropeng, <i>blood crusts</i>
	Swollen feather follicles	<ul style="list-style-type: none"> - Marek's disease (skin leukosis) - Vesicular dermatitis - Fowl pox
	White scaly dermatomycosis	<i>Fungal infection</i> (favus)
	Gangrenous dermatitis	<ul style="list-style-type: none"> - Chicken infectious anemia (CIA) - Infectious bursal disease (IBD) - Reovirus





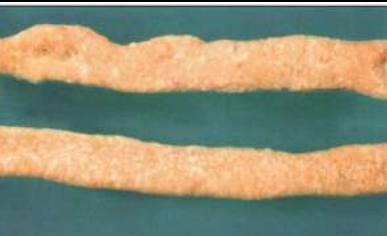
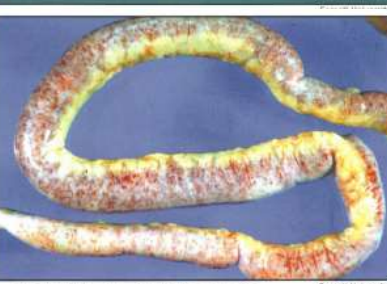
	<p>Swollen head</p>	<ul style="list-style-type: none"> - vvND - HPAI - Infectious coryza - Swollen head syndrome (SHS)
	<p>Skin cyanosis</p>	<ul style="list-style-type: none"> - Velogenic Newcastle disease - HPAI - Fowl cholera - Septicemia
	<p>Deformasi/discolor iris</p>	<ul style="list-style-type: none"> - Marek's disease
	<p>Konjungtivitis</p>	<ul style="list-style-type: none"> - ND - AI - Infectious coryza - Infectious laryngotracheitis - Ammonia (debu, ventilasi buruk)
	<p>Nasal discharge</p>	<ul style="list-style-type: none"> - Infectious bronchitis - ND - Mycoplasmosis - Infectious coryza
	<p>Sinusitis</p>	<ul style="list-style-type: none"> - Velogenic ND - HPAI - ILT - Infectious coryza
	<p>Eksudat di khoane</p>	<ul style="list-style-type: none"> - Fowl cholera - Diphtheritic fowl pox
	<p>Deviated keel</p>	<ul style="list-style-type: none"> - Defisiensi kalsium, fosfor, dan atau vit. D

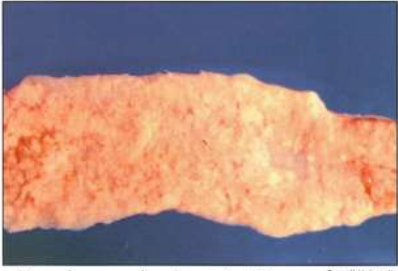



	<p>Subkutan dan muskular hemoragi</p>	<ul style="list-style-type: none"> - Chicken infectious anemia (CIA) - Defisiensi vit E dan atau selenium - IBD
	<p>Atrofi timus</p>	<ul style="list-style-type: none"> - Chicken infectious anemia (CIA) - Marek's disease - IBD - <i>Sexually mature bird</i>
	<p>Catarrhal tracheitis</p>	<ul style="list-style-type: none"> - ND (also post live vaccine) - AI - Infectious bronchitis (<i>also post live vaccine</i>) - Infectious laryngotracheitis (<i>also post live vaccine</i>) - Ventilasi buruk
	<p>Tracheal petechiation</p>	<ul style="list-style-type: none"> - ND - AI - Infectious laryngotracheitis (ILT)
	<p>Hemorrhagic tracheitis</p>	<ul style="list-style-type: none"> - vvND - HPAI - Infectious laryngotracheitis (ILT)
	<p>Necrotic tracheitis</p>	<ul style="list-style-type: none"> - Infectious laryngotracheitis (ILT) - Diphtheritic pox
	<p>Esophageal plaque</p>	<ul style="list-style-type: none"> - Defisiensi vit A - Diphtheritic pox

	<p>Crop inflammation</p>	<ul style="list-style-type: none"> - Mycosis - Capillariosis
	<p>Ascites</p>	<ul style="list-style-type: none"> - Right ventricular failure - Pulmonary hipertension - Adenocarcinoma - Amyloiosis
	<p>Catarrhal airsacculitis</p>	<ul style="list-style-type: none"> - Mycoplasmosis - Respiratory viral infections - Colibacillosis
	<p>Fibrinopurulent airsacculitis</p>	<ul style="list-style-type: none"> - Mycoplasmosis - Colibacillosis - Bacterial respiratory infectious
	<p>Impacted oviduct</p>	<ul style="list-style-type: none"> - Mycoplasmosis - Colibacillosis - Infectious bronchitis squale
	<p>Heart petechiation</p>	<ul style="list-style-type: none"> - ND - Septicemia - HPAI
	<p>Heart nodules</p>	<ul style="list-style-type: none"> - Marek's disease - Pullorum disease
	<p>Tumor limpa</p>	<ul style="list-style-type: none"> - Marek's disease - Lymphoid leukosis

 <p>normal</p>	<p>Tumor hati</p>	<ul style="list-style-type: none"> - Marek's disease - Lymphoid leukosis
	<p>Nekrosis hati</p>	<ul style="list-style-type: none"> - Histomoniasis (umum terjadi pada kalkun) - Clostridiosis - Tuberculosis (granuloma)
	<p>Multifokal liver necrosis</p>	<ul style="list-style-type: none"> - Fowl cholera - Fowl typhoid - Colibacillosis - Infeksi bakteri lain
	<p>Liver hemoragi</p>	<ul style="list-style-type: none"> - vvND - Fatty liver - Defisiensi vit. K - Mycotoxicosis
 <p>normal</p>	<p>Discolorisasi hati</p>	<ul style="list-style-type: none"> - <i>Mycoplasma synoviae</i> (hijau) - <i>Fol typhoid</i> (hijau) - <i>Fatty liver</i> (kuning) - Mycotoxicosis (kuning)
	<p>Sirosis hati</p>	<ul style="list-style-type: none"> - Mycotoxicosis - Hipoksia
 <p>normal</p> <p>atrophied</p>	<p>Atrofi bursa Fabricius</p>	<ul style="list-style-type: none"> - IBD - Marek's disease - Chicken infectious anemia
	<p>Hemoragi bursa Fabricius</p>	<ul style="list-style-type: none"> - vvND - HPAI - IBD

	<p>Tumor bursa Fabricius</p>	<ul style="list-style-type: none"> - Lymphoid leukosis (umum) - Reticuloendotheliosis - Marek's disease (jarang)
	<p>Kongesti paru</p>	<ul style="list-style-type: none"> - Velogenic ND - HPAI - Fowl cholera - Septicemia
	<p>Lung granulomas</p>	<ul style="list-style-type: none"> - Aspergillosis - Pullorum disease
	<p>Kidney urates</p>	<ul style="list-style-type: none"> - IBD - Infectious bronchitis (IB) - Dehidrasi - Defisiensi vit. A
	<p>Pembesaran saraf</p>	<ul style="list-style-type: none"> - Marek's disease (asimetris) - Defisiensi riboflavin (simetris)
	<p>Pembesaran rib joint</p>	<ul style="list-style-type: none"> - Rikets (kalsium, fosfor dan atau defisiensi vit D)
	<p>Penebalan proventricular</p>	<ul style="list-style-type: none"> - Marek's disease - Transmissible proventriculus - Sindrom malabsorpsi

	<p>Hemoragi proventricular</p>	<ul style="list-style-type: none"> - HPAI - vvND - Infectious bursal disease (IBD)
	<p>Erosi gizzard</p>	<ul style="list-style-type: none"> - Gizzerotoxin (black vomit) - Foreign bodies (nails) - Hipotermia
	<p>Peritonitis</p>	<ul style="list-style-type: none"> - HPAI - vvND - Infectious bronchitis - Kolibasilosis
	<p>Intestinal necrosis</p>	<ul style="list-style-type: none"> - Ulcerative enteritis - Focal duodenal necrosis - Nekrotik enteritis
	<p>Mucoid enteritis</p>	<ul style="list-style-type: none"> - Koksidioidis (<i>Eimeria acervulina</i>, <i>Eimeria mivati</i>) - Syndrom malabsorpsi
	<p>Petechia dan white spot</p>	<ul style="list-style-type: none"> - Koksidiosis (<i>Eimeria necatrix</i>)

	<p>Mucohemorrhagic enteritis</p>	<ul style="list-style-type: none"> - Koksidirosis (<i>Eimeria maxima</i>) - Malabsorption syndrome
	<p>Intestinal dan cecal necrosis</p>	<ul style="list-style-type: none"> - Koksidirosis (<i>Eimeria brunetti</i>) - Necrotic enteritis
	<p>Hemoragi dan necrotic ceca</p>	<ul style="list-style-type: none"> - Koksidirosis (<i>Eimeria tenella</i>)
	<p>Kloakal hemoragi</p>	<ul style="list-style-type: none"> - Velogenic Newcastle disease - HPAI - Canibalism (vent pecking)

Sumber: Lucio-Martinez dan Korich 2010

DAFTAR PUSTAKA

- Lucio-Martinez B, Korich JA. 2010. *Illustrated Guide to Poultry Necropsy and Diagnosis*. Ithaca (NY): Cornell University.
- Saif YM. 2008. *Diseases of Poultry*. 12th Ed. Iowa (US): Blackwell Publishing.
- Swayne DE. 2013. *Disease of Poultry*. 13th Ed. Iowa (US). Wiley-Blackwell Publishing.

