7:31 - Reticuloendotheliosis in turkeys; slide f00-397-a9

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Several 19-week-old turkeys were submitted for laboratory evaluation with a history of severe increase in mortality. Necropsy revealed severely enlarged and pale spleen, liver, and kidneys. In some birds, there were multiple white nodules in the liver. Histopathology revealed neoplastic infiltration of lymphocytes most prominent in the liver. Serology of live birds revealed that the birds were positive for reticuloendotheliosis virus (REV) and reticuloendotheliosis virus was isolated from the liver and spleen. REV is a retrovirus which is distinct from the leukosis/sarcoma group of avian retroviruses. Natural hosts for REV include turkeys, chickens, ducks, geese, pheasants, and Japanese quail.

BREAK