PATENT DUCTUS ARTERIOSUS WITH GLOMERULAR MESANGIOLYSIS IN A WHITE-FULANI CALF IN NIGERIA


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ABSTRACT
A rare case of Patent ductus arteriosus (PDA) with glomerular mesangiolysis was observed in a 7-day-old White Fulani calf. Grossly, there was severe cyanosis of the mucous membranes, severe pulmonary congestion and oedema, severe ventricular hypertrophy, marked dilatation of pulmonary artery and left atrium, mild renomegaly with patent ductus arteriosus. Histologically, degeneration, disorganization and fragmentation of the ductus arteriosus smooth muscles, and moderate tubular nephrosis with marked diffuse glomerular mesangiolysis. This report seems to be the first reported case of PDA with glomerular mesangiolysis in calf in Nigeria: