

Steatosis in a Slaughtered Korean Native Cattle

Sun-Hee Do, Cha-Soo Lee, Won-Il Jeong, Da-Hee Jeong, Dong-Hyung Noh,

Mi-Na Lee and Kyu-Shik Jeong

College of Veterinary Medicine, Kyungpook National University

Daegu city, 702-701, Korea

Abstract: Muscular lesion was detected in a 23-month-old castrated bull encountered at Kyungsan slaughter house. The lesion appeared as fat intervening muscle fibers. The affected animal had no clinical signs. On microscopic examination, there was replacement of many muscle fibers by normal fat cells. Numerous fat cells were located between muscle fibers. Remaining skeletal muscle cells were in degenerative process, and thus abnormal skeletal muscle cells had loose fibers while normal had intact ones. The advent of inflammatory cells is not at the lesion, which is unique view in steatosis.