

Lipoma in a Slaughtered Cattle

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A dome-shaped mass measuring 6.0×4.0 cm in size was noted on the forehead of 2-year-old mixed cattle encountered at Jeju slaughter house. On the horizontal section, the mass was composed of large central milky-white area and thin peripheral shiny zone connected with skin. And the mass had a distinctive greasy appearance and floated in 10% buffered formalin. This animal had no clinical signs before slaughter. Histopathologically, mass was well circumscribed but unencapsulated. The neoplastic mass is composed of clusters of mature adipocytes with large lipid vacuoles or irregular sized small adipocytes and mixed with proliferating small blood vessels. The mass was occupied in the most of subcutis and some area showed infiltrative tendency into the adjacent muscle. Based on the gross and histopathologic findings, this case was diagnosed as lipoma in cattle. Lipoma are most common in domestic animal. But there was no the case report for the bovine lipoma in Korea.

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