

Abstract:
This research aimed to study and determine the kind of skin tumors of 25 cattle in Barbarah only, after surgical removal of this tumor by using histopathologic, smears, and special stains. Papilloma was a proliferative neoplasm which benign typically that affecting mostly of animal species. The samples were taken from the sites of 25 infected cows and surgically removed at the College of Veterinary Medicine (Bagdad Laboratory, then histopathological sections prepared from the samples at Pathology and Preclinical Diagnostic Department where diagnosed. The histopathological sections revealed vacuolation and degeneration of epidermis and dermis cell layers, hyperkeratosis, hyperplasia of stratum spinosum and Basals, vacuolation of dermal cells, and hyperplasia of hair follicles. Other papilloma in dermal layer represented by hyperplasia of fibroblast, and hair follicles in dermis. The tissue sections represent positive results to special stains. The Masson stain sections revealed proliferation of connective tissues (fibrocytes). The PAS stain sections showed large amount of collagen into dermal layer.

Keywords: Papilloma, Skin Tumors, Cattle.

