

Correction of Congenital Cleft Palate by Modified Sliding Bipedicle Flap Technique in a Pup- A Case Study

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Abstract—Cleft palate is an abnormal communication between nasal passage and mouth, which may be acquired or congenital. Congenital defect occurs due to failure of two sides of palate to fuse during embryonic stage. Present report describes a case of congenital secondary cleft palate in a 4 months old mongrel pup referred with a complaint of sneezing, coughing and expulsion of ingesta from nostril during feeding. Successful surgical correction was made with modified sliding bipedicle flap technique. Congenital cleft palate mostly occurs due to folic acid deficiency and/or inherited recessive or irregular dominant gene. So, prevention of cleft palate due to deficiency of folic acid should be done with folic acid supplementation in pregnant bitches and sliding bipedicle flap technique can effectively be followed with some modifications for surgical repair of cleft palate in dog.