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# Complete amputation of the Thoracic limb in Goats

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## Abstract:

Complete amputation of the thoracic limb was performed on 5 goats. The aim of this study is to explain whether the animal can tolerate the amputation or not; to establish the preferable surgical procedure adopted in this condition and to detect the degree of compensatory hypertrophy which is apt to occur in the contralateral thoracic limb. All operated animals tolerated the amputation and they were able to stand, walk and even run few days after the operation. The radical removal of the limb proved to be the surgical technique of choice. Electromyography of some muscles of the contralateral limb showed a significant increase in their electropotential activity a fact which allowed the condition of the animal to be healthy throughout his life.

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