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## Abstract

### Preferential sites for arterial blood sampling in cattle

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The aim of this study was to compare the feasibility and reliability of different methods for obtaining samples of arterial blood from calves and adult dairy cows. The intermediate branch of the caudal auricular artery was easy to use in animals of all ages. The common carotid artery was also suitable, but only in

standing animals. In recumbent animals, the brachial artery and the common palmar digital artery were suitable in calves up to six months old, and the saphenous artery was suitable in both young and adult cattle. The facial, axillary and median caudal arteries were either difficult to use or unreliable.