

## **Morphology Study of Position, Shape, and Size of Mental Foramen in Dry Adult Human Mandibles**

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### **Abstract**

The mental foramen (MF) is an important landmark to facilitate surgical, local anesthetic, and other invasive procedures, hence the present study was aimed to elucidate its morphological features and morphometric parameters with reference to surrounding landmarks. Material and Method. During osteology demonstration we observed accessory mental foramen in 9 mandibles with varying location. We have conducted on 35 mandibles and standard deviations (SD). Results. In most cases (74.3%), the MF was oval in shape and situated on the longitudinal axis of the 2nd premolar tooth (61% on right side and 59.1% on left side). The mean distance for the right and left sides was measured from various landmarks. Conclusion. Prior knowledge of mental foramen variations helps surgeons in planning surgery in that region to avoid nerve damage and also enable effective mental nerve block anesthesia.