

Sexing of Human Mandibles From 'Rameal-Breadth' and 'Mandibulo-Foraminal' Index

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ABSTRACT Fifty intact, dry and healthy human 'Mandibles' were examined with special reference to the 'Rameal-Breadth' Index (RBI) and 'Mandibulo-Foraminal' Index (MFI). Attempt was made to assess the utility and dependability of these two indices chiefly for the identification of sex, besides trying to establish their co-relationship with different age groups. Both the RBI and MFI were significantly higher in females ($P < 0.01$ and < 0.001 for RBI and MFI, respectively) in comparison to males in all the age groups. The MFI was found to be a better discriminating function as compared to RBI for sexing. The RBI and MFI were in a way, associated with the age group. In the higher age group, the RBI, in males, showed a declining value while in the same age group and sex, the MFI revealed a gradual ascent. In the female MFI values, the trend, however, was reverse.