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Title: Accuracy of clinical methods of age estimation based on permanent teeth present as erupted: A study on the coastal population of India



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Running Title : Accuracy of clinical methods of age estimation based on permanent teeth present as erupted

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Dr. Neil J De Souza Senior Lecturer, Department of Pedodontics and Preventive Dentistry, Government Dental College and Hospital Bambolim, Goa 403202 Email address: neildoc86@gmail.com, desouzaorama@gmail.com Phone No : +91- 9922087494, 7350433344, 0832-2735076 Total Number of pages: 18 Total Number of Tables : 7 Word Count: for the abstract: 188 words For the text : 2885 Words (Excluding Abstract, References and Figure legends)

Highlights

• B. Foti's method of age estimation tested in Indian children between 6-14 years.

• 3rd molars excluded from the sample due to high variability in eruption timings.

• New India specific regression models show higher accuracy in a validation sample

• New methods show greater accuracy in males and in age group of 10-12 years.

• Can be used in the absence of radiographs, with little expertise/ training required.

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