

29. Incidence of sagittal root position of maxillary anterior teeth in osseous housing for immediate implant placement in the population of national capital region of india: a retrospective study

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This retrospective study was based on pretreatment records and cbct images of the patients who received treatment between 2012 and february 2018 in delhi ncr region. Forty two male and 58 female patients between the ages of 19 and 72 years (mean, 45.5 years) were selected according to the following criteria: atleast 18 years of age at the time of the cbct scan; all maxillary anterior teeth (canine to canine) were present, with at least two occluding posterior teeth (premolar and/or molar) in each quadrant; no radiographic evidence of infection, with no internal resorption.. The cbct images were evaluated and the relationship of the sagittal root position of the maxillary anterior teeth to its associated osseous housing was recorded as class i, ii, iii, or iv. The overall percentage of sagittal root position observed in ncr indian population was compared with overall percentage kan's srp classification... An understanding of the clinical relevance of sagittal root position will provide adjunct data for the treatment planning of immediate implant placement and provisionalization in the anterior maxilla.

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