

Definition Legend

| Abbreviation | Variable | Definition |
|-------------------------------------|------------------------------|---|
| Landmarks | | |
| A | A Point | Point of maximum concavity in the midline of the alveolar process of the maxilla |
| ANS | Anterior nasal spine | The tip of the median, sharp bony process of the maxilla at the lower margin of the anterior nasal opening |
| AR | Articulare | Most posterior point of the mandibular condyle |
| B | B Point | Point of maximum concavity in the midline of the alveolar process of the mandible |
| BA | Basion | Most inferior and posterior point on the most anterior margin of the foramen magnum |
| Gn | Gnathion | Halfway between pogonion and menton on the symphysis, it is the most anterior/inferior point of the symphysis of the mandible |
| Go | Gonion | Point on the mandibular angle representing the intersection of the lines of the posterior ramus and the inferior border of the mandible |
| Men | Menton | Most inferior midpoint of the chin on the outline of the mandibular symphysis |
| N | Nasion | Junction of the frontonasal suture at the most posterior point on the curve at the bridge of the nose |
| PNS | Posterior Nasal Spine | Most posterior midpoint of the posterior nasal spine of the palatine bone. |
| Pog | Pogonion | Most anterior midpoint of the chin on the outline of the mandibular symphysis |
| Po | Porion | Most superior point of each external acoustic meatus |
| PP | Medial pterygoid plate | Most anterior point of the medial pterygoid plate at the pterygomaxillary fissure |
| S | Sella | Center of the hypophyseal fossa |
| Distances, ratios and angles | | |
| S-N | Sella-Nasion | the anterior cranial base length |
| S-ANS | Sella-Anterior nasal spine | the distance between sella and anterior nasal spine |
| S-A | Sella-A point | the distance between sella and A point |
| S-B | Sella-B point | the distance between sella and B point |
| S-Pog | Sella-Pogonion | posterior facial height |
| S-GN | Y Axis | the distance between sella and Gnathion |
| S-PNS | Nasion-Posterior nasal spine | the distance between nasion and posterior nasal spine |
| S-GO | Sella-Gonion | the posterior total facial height right |
| S-AR | Sella-Articulare | the distance between sella and articulare |
| ANS-BA | Anterior nasal spine-Basion | midfacial length |
| ANS-N | Anterior nasal spine-Nasion | the anterior midfacial height |
| ANS-Men | Anterior nasal spine-Menton | anterior lower facial height |

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| N-Men | Nasion-Menton | anterior total facial height |
| N-ANS/S-PNS | upper anterior facial height-upper posterior facial height | indicates ratio of upper anterior facial height to upper posterior facial height |
| ANS-Men/N-Men | Lower facial height/Total facial height | Indicates ratio of lower to total facial heights |
| S-GO/N-Men | Posterior facial height-Anterior facial height | indicates ratio of posterior and anterior facial heights |
| Wit's | Modified 3-D Wit's measurement | The modified 3-D Wit's measurement is a projective linear measurement between the 3-D cephalometric hard tissue A point and B point landmarks that are projected perpendicular on the 3-D occlusal plane |
| SNA | Sella-Nasion-A point | indicates the sagittal position of the maxilla relative to the cranial base. |
| SNB | Sella-Nasion-B point | indicates the sagittal position of the mandible relative to the cranial base. |
| ANB | A point-Nasion-B point | the relative position of the maxilla to the mandible |
| N-S-AR | Nasion-Sella-Articulare | corresponding to cranial base angle |
| N-S-PP | Nasion-Sella-medial pterygoid plate | corresponding to the degree of backward rotation of the pterygoid plates |
| N-S-GN | Nasion-Sella-Gnathion | the relative position of gnathion to cranial base |
| N-A-Pog | Nasion-A point-Pogonion | indicates facial convexity angle |
| S-N-Pog | Sella-Nasion-Pogonion | indicates the sagittal position of the chin to anterior cranial base |
