

Superimposition:

Three composite tracings are required (digital or manual). **Initial = black. Progress = blue. Final = red. Follow up = green**

1-Craniofacial composite; 2-Maxillary composite; 3-Mandibular composite

1-Craniofacial Composite: Register on Sella with the best fit on the anterior cranial base bony structures (Planum Sphenoidum, Cribriform Plate, Greater Wing of the Sphenoid) to assess overall growth, soft tissue, and treatment changes.

Note: If Frankfort Horizontal is drawn on the original tracing, it should be transferred to subsequent tracings. By not drawing Porion and Orbitale on the subsequent tracings, one will be reminded to superimpose on the cranial base and transfer the original Frankfort Horizontal. This will help reduce tracing and measurement error.

Superimposition:

2-Maxillary Composite: Register on the lingual curvature of the palate and the best fit on the maxillary bony structures to assess maxillary tooth movement.

Superimposition:

3-Mandibular Composite: Register on the internal cortical outline of the symphysis with the best fit on the mandibular canals to assess mandibular tooth movement and incremental growth of the mandible.