

| Parameter                  | Norm                | Range       | Patient value | Diagnosis                      |
|----------------------------|---------------------|-------------|---------------|--------------------------------|
| FH to SN(SN validity)      | 7                   | 6 8         | 7.9           |                                |
| Saddle Angle               | 129                 | 124 134     | 122.7         |                                |
| Articular Angle            | 143                 | 137 149     | 143.8         |                                |
| Gonial Angle               | 123                 | 128.5 117.5 | 135.7         |                                |
| Sum Of posterior Angles    | 395                 |             | 402.2         | Long face                      |
| Y axis                     | 66                  | 63 71       | 71.5          |                                |
| Inclination angle          | 85                  |             | 85            |                                |
| Basal angle(PP-GoMe)       | 25                  |             | 33.7          |                                |
| SN-GoMe                    | 34                  | 28.5 39.5   | 42.3          |                                |
| S-Go:N-Me (Jaraback Index) |                     | 62% - 65%   | 61            | Long face                      |
| Occlusal Plane-SN          | 14                  |             | 22.5          |                                |
| SNA                        | 82                  | 80-84       | 80.6          | Maxillary Retrognathism        |
| SNB                        | 80                  | 78-82       | 76            | Mandibular Retrognathism       |
| ANB                        | 2 (3 for Iranian)   |             | 4.6           | Class II                       |
| SN-Pog                     | 82 (86 for iranian) |             | 75.7          | Retruded Chin                  |
| U1 to SN                   | 102                 | 100 104     | 100.4         |                                |
| U1 to NA distance          | 4 mm                |             | 3             | Retrusion Incisors             |
| U1-PP                      | 110                 |             | 108.9         | Retroclined maxillary Incisors |
| L1-MeGo                    | 90                  | 87 93       | 94.9          | Proclined Mandibular Incisors  |
| L1 to NB distance          | 4 mm                |             | 6.3           | Protrusion mandibular Incisors |
| Interincisal angle         | 135                 | 130 150.5   | 122.4         |                                |
| Witts                      |                     | -1 0        | -3.4          | Class III                      |
| Ramus Height               | 43 mm               |             | 55.9 mm       |                                |
| Se-N (mm)                  |                     |             | 66.1          |                                |
| Mandibular Length          | 69.1                |             | 66.1          | Decreased Mandibular Length    |
| Maxillary Length           | 46.1                |             | 47.3          | Increased Maxillary Length     |
| Ramus Length (A.M.Schwarz) | 49.4                |             | 55.9          | Increased Ramus Length         |