

## ANNEXURE-1

### Tooth width analysis

11	7.66 mm	21	7.56 mm	Actual arc length: 113.44 mm
12	6.22 mm	22	5.75 mm	
13	6.34 mm	23	6.57 mm	
14	6.07 mm	24	5.90 mm	
15	6.25 mm	25	5.27 mm	
16	9.30 mm	26	9.14 mm	
17	8.95 mm	27	9.06 mm	
18	6.01 mm	28	7.38 mm	
48	5.01 mm	38	4.53 mm	Actual arc length: 102.39 mm
47	8.18 mm	37	8.98 mm	
46	8.96 mm	36	9.57 mm	
45	5.78 mm	35	6.69 mm	
44	6.10 mm	34	6.82 mm	
43	5.95 mm	33	5.73 mm	
42	4.98 mm	32	5.39 mm	
41	4.64 mm	31	5.09 mm	

### Space Analysis

#### MAXILLARY SPACE ANALYSIS

- Total space available: 63.60
- Sum of incisor widths: 27.20

##### Moyers

- Sum of left canine & premolars: 20.96
- Sum of right canine & premolars: 20.96
- Total space required: 69.11
- Discrepancy: -5.52

##### Tanaka & Johnston

- Sum of left canine & premolars: 21.05
- Sum of right canine & premolars: 21.05
- Total space required: 69.30
- Discrepancy: -5.70

#### MANDIBULAR SPACE ANALYSIS

- Total space available: 57.17
- Sum of incisor widths: 20.09

##### Moyers

- Sum of left canine & premolars: 20.46
- Sum of right canine & premolars: 20.46
- Total space required: 61.01
- Discrepancy: -3.84

##### Tanaka & Johnston

- Sum of left canine & premolars: 20.55
- Sum of right canine & premolars: 20.55
- Total space required: 61.19
- Discrepancy: -4.02