

## APPENDIX

### Appendix 1: Survey Questions to Assess Preferences for Orthodontic Treatment and Orthognathic Surgery in Class III Malocclusion Cases

#### First Section

1) Gender:

- Male
- Female

2) Age:

- 21-30 years
- 31-40 years
- 41-years or more

3) Workplace:

- Public institution (e.g., Faculty of Dentistry or Public Hospital)
- Private clinic
- Clinic owner

4) Title:

- Research Assistant
- Specialist Dentist
- Faculty Members (Assistant Professor, Associate Professor, or Professor)

5) Years of clinical experience:

- 0-5 years
- 6-10 years
- 11 years or more

Second Section

6) Which of the following treatment options do you apply to patients with skeletal class III malocclusion? (You can select more than one option.)

- Chin cup
- Face mask
- Functional appliance therapy
- Bone-anchored maxillary protraction (BAMP)
- Camouflage treatment
- Distraction osteogenesis
- Orthognathic surgery

7) Do you consult patients who are mouth breathers with skeletal class III malocclusion to an otolaryngologist?

- Yes
- No

8) Which age group do you most often treat with face mask therapy?

- 6 years or less
- 6-8 years
- 9-11 years
- 12-14 years
- 14 years or more

9) Do you apply the Alternate rapid maxillary expansion and constriction (Alt-RAMEC) procedure on patients you treat with a face mask?

- Yes
- No

10) Do you use any removable/fixed appliance to support the lower incisors in patients on whom you apply face mask or chin cup treatment?

- Yes
- No

11) How many grams of force do you apply unilaterally to the maxilla for protraction in patients you treat with a face mask?

- 300 grams and less
- 300-500 grams
- 500 grams and more

12) How many hours per day do you have patients wear the face mask?

- 16 hours and less
- 16-18 hours
- 18-20 hours
- 20 hours and more

- 13) How many months do you have patients wear the face mask?
- 6 months and less
  - 6-8 months
  - 9-11 months
  - 12 months and more
- 14) Do you have patients use any appliances during the retention period in patients to whom you apply face mask therapy?
- Yes
  - No
- 15) How many years do you follow up the patients you treat with skeletal class III malocclusion after the end of treatment?
- 1 year or less
  - 1-2 years
  - 3-5 years
  - 5 years or more
- 16) In your skeletal Class III malocclusion cases, with which treatment option have you encountered relapse most frequently?
- Chin cup
  - Face mask
  - Functional appliance therapy
  - Camouflage treatment
  - Orthognathic surgery
- 17) Do you perform treatment of skeletal Class III malocclusions with orthognathic surgery in your clinic?
- Yes
  - No
- 18) What actions do you take when you encounter relapse during the retention period in skeletal Class III malocclusion cases treated with approaches other than orthognathic surgery?
- I wait until the patient's growth and development period is over and then apply orthognathic surgical treatment.
  - I refer the patients to a public/private institution providing oral and dental health services.
- 19) If you do not apply orthognathic surgery in the treatment of skeletal class III malocclusions, what is the most important reason?
- Unsuitable physical conditions required to perform the surgery
  - Lack of a surgical team to perform surgery
  - Patients' concerns about orthognathic surgery
  - The high incidence of complications and risks associated with orthognathic surgical procedures
  - Lack of theoretical knowledge and practical experience