

Supplementary Table 1: Final validated questionnaire for assessing orthodontists' perceptions and clinical experience regarding maxillary molar distalization

1. Do you use molar distalizers in your practice?				
Yes		No		
2. In your experience, what is the most common indication for molar distalization?				
Class II malocclusion.	Crowding correction.	Overjet reduction.	Other	
3. What percentage of your patients require molar distalization during treatment?				
Less than 10%	25-50%	10%	1.67%	I do not use molar distalizers
4. What do you consider the main advantage of using a molar distalizers over other methods (e.g., extractions)?				
Non-invasive	Shorter treatment time	Preserves tooth structure	Higher patient satisfaction	I do not use molar distalizers
5. What complication do you most commonly encounter with molar distalizers? (You can choose more than one option)				
Patient compliance issues	Root resorption	Anchorage loss	Soft tissue irritation	I do not use molar distalizers
6. What is the most common reason for molar distalization failure in your experience?				
Patient non-compliance	Poor diagnosis or planning	Appliance malfunction	Biological factors (e.g., slow tooth movement)	I do not use molar distalizers
7. What challenges do you face commonly when using molar distalizers?				
Patient compliance.	Long treatment duration.	Appliance breakage or discomfort.	Difficulty achieving desired results.	I do not use molar distalizers
8. Which diagnostic tool/s do you rely on most when deciding to use a molar distalizers? (You can choose more than one option)				
Lateral cephalogram	Study models	3D CBCT scans	Clinical examination	I do not use molar distalizers
9. How do you assess the success of molar distalization in your practice? (You can choose more than one option)				
Clinical observation	Digital scans and measurements	Cephalometric analysis	Patient feedback and aesthetic improvement	I do not use molar distalizers
10. What age group do you typically treat with molar distalizers?				
Pre-adolescent patients (under 12 years).	Adults (18+ years).	Adolescents (12-18 years)	All age groups	I do not use molar distalizers
11. What factor do you consider primarily when choosing a molar distalizers for a patient?				
Patient compliance	Duration of treatment	Cost	Severity of malocclusion	Patient's age
12. Which type of molar distalizers do you most commonly use?				
Fixed (e.g., pendulum, distal jet).	Skeletal anchorage devices (TADs).	Removable (e.g., headgear, clear aligners)	I do not use molar distalizers	
13. In case you use skeletal anchorage molar distalizers, where do you prefer to place the TADs?				
Interradicular buccal alveolar bone.	Extra-alveolar (Infra-zygomatic crest).	Interradicular Palatal alveolar bone.	Anterior palatal area.	
14. Do you typically use molar distalizers in combination with other appliances?				
Yes, with fixed braces	No, I use distalizers independently	Yes, with aligners	Rarely	I do not use molar distalizers
15. How long, on average, does the molar distalization phase last in your treatment?				
Less than 6 months	6 to 12 months	12 to 18 months	More than 18 months	I do not use molar distalizers