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(57) Abstract :

Existing appliances for mandibular molar uprighting and distalization are prone to loosen-up thereby causing discomfort to the subject. Besides, the existing spring designs are bulkier and tend to irritate oral mucosa. Accordingly, the present disclosure provides a simple, economical and non-irritant device (100) that helps in bodily molar uprighting and distalizing either unilaterally or bilaterally the impacted mandibular 2nd molar tooth. The device (100) comprising an anchor molar tube (200), a buccal arch wire (300), whose distal end (310) is provided with a torque of 45°. The middle portion of the device (100) is configured with a ‘U’ shaped loop (320) and proximal end is configured with a tear drop shaped hook connector (330). Importantly, the buccal arch wire (300) is configured with a rubber or plastic sleeve (300a) and (300b) to prevent oral mucosal irritation caused, if any by the device (100).

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