

Abstract

The invention relates to a mandibular protrusion device comprising an upper dental
5 tray (1) to be placed on the upper dental arch of a patient and a lower dental tray (2) to be
placed on the lower dental arch, as well as two lateral links for connecting both trays (1, 2)
in order to advance or draw back the lower dental arch during a vertical movement
between both dental arches, each lateral link comprising a means of traction (3) attached to
the trays (1,2) via its ends (3a). Each lateral link comprises ball pivots (4) having an
10 opening (4a, 4b) for receiving an end (3a) of a means of traction (3), and each tray (1, 2)
comprises two lateral seats (1d, 2d) for accommodating a ball pivot (4) connected to a
means of traction (3) so that the lateral links are connected to the trays (1, 2) via a ball
pivot joint. The invention also relates to a corresponding lateral link and to a method for
assembling the mandibular protrusion device.

Figure 1b



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