



Figure 6: Distalization Plate (D-Plate) design. D-plates have been designed for retracting posterior teeth (A). These plates can be used directly for retracting posterior teeth, especially when the patient is missing third molar or even second molars, by simultaneously applying buccal and lingual distalizing forces (blue arrows in B). This plate can also be used to simultaneously apply a lingual force directly to the target tooth, while securing the adjacent tooth (anchor tooth) for application of a buccal force (C, distalization forces shown as blue arrows). By modifying the D-Plate shape, and removing one wing, it can be used for unilateral distalization (D).