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**S**nell dysfunction is one of the main symptoms in chronic rhinosinusitis (CRS). Therapeutic ultrasound (US) is suggested as a novel method for treating the CRS. No study has evaluated the effect of therapeutic US in CRS. The aim of this study was to demonstrate the effect of therapeutic US on olfactory dysfunction. Twenty subjects (mean age  $47.90 \pm 4.6$  years; male 7; female 4) participated in a pretest-posttest study design with 2 measurements before and after treatment. The treatment was performed with 2 intensities/durations: 1 W/cm<sup>2</sup>/5 minutes and 0.5 W/cm<sup>2</sup>/4 minutes for the maxillary and frontal sinuses, respectively. Subjects underwent the SNOT-20 and University of Pennsylvania Smell Identification Test (UPSIT). The repeated measures ANOVA were