

Illustrations for trigeminal neuralgia manuscript

Figure 1: A 78-year old female who presented with left side trigeminal neuralgia received Gamma Knife surgery 12 months after the failed glycerol injection and a neurectomy. The maximum dose was 80 Gy, and the target was set with 50% isodose configuration line outside the brainstem.

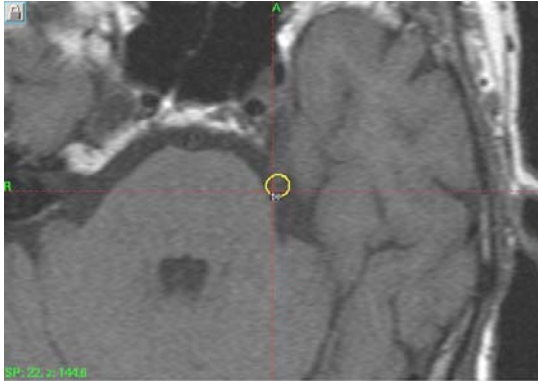


Figure 2: A 56-year-old male had recurrence of his trigeminal neuralgia 8 years after treatment by both a glycerol injection and infraorbital neurectomy. He received Gamma Knife surgery with maximum dose of 70 Gy, and the target was set with the 50% isodose configuration line abutting the brainstem.

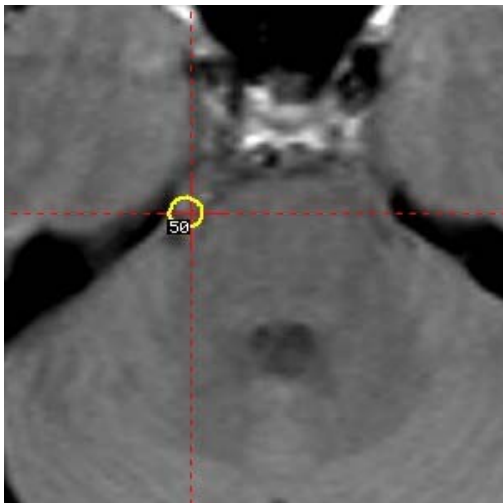


Figure 3: A 71-year-old female who presented with right side trigeminal neuralgia. She received Gamma surgery targeted on the nerve (similar to the targeting depicted in Figure 1). The patient became pain free but experienced mild facial numbness. T1-weighted imaging with Gadolinium contrast showed enhancement of the nerve and adjacent brainstem.

