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## **Cyberknife radiosurgery for trigeminal neuralgia.**

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**BACKGROUND:** We present preliminary results using Cyberknife radiosurgery as a noninvasive treatment for trigeminal neuralgia (TN).

**METHODS:** Ten patients with medically refractory TN who were deemed unsuitable for conventional surgery underwent Cyberknife radiosurgery using CT cisternography for localization.

**RESULTS:** Pain relief was achieved in 7 patients, in 5 of them within 24-72 h after irradiation.

**CONCLUSION:** Cyberknife radiosurgery can achieve early-onset pain relief in a subset of TN patients. Improvements using this technique include the absence of a stereotactic ring, potentially improved targeting accuracy produced by CT cisternography and improved dose homogeneity.

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