Aimee J. Szewka, MD
Hilary Purdy, MS
Jordan Topel, MD
Miral D. Jhaveri, MD

A 49-year-old woman presented with isolated chin hypoesthesia. She had no history of malignancy or systemic symptoms and has worn dentures for 24 years. Results of a neurologic examination were unremarkable except for a hypoesthetic area of her left chin. DentaScan showed unroofing of the left mental foramen (figures 1 and 2). Results of extensive investigation for malignancy were negative.

Numb chin syndrome causes hypoesthesia, paresthesia, or orofacial pain from mental nerve compression and can be an ominous sign of systemic illness or malignancy.1 Mental neuropathy in edentulous patients from erosion into the mental foramen has been described previously.2 Realignment of her dentures resolved her symptoms.

AUTHOR CONTRIBUTIONS
Dr. Szewka: drafting and editing of manuscript for medical content and format imaging. H. Purdy: drafting of manuscript for medical content and format imaging. Dr. Topel: editing manuscript for medical content. Dr. Jhaveri: editing manuscript for medical content and obtaining and interpreting relevant neuroimaging.

REFERENCES
Teaching NeuroImages: Numb chin syndrome in an edentulous patient
Aimee J. Szewka, Hilary Purdy, Jordan Topel, et al.

Neurology 2011;77;e38
DOI 10.1212/WNL.0b013e318228bf3e

This information is current as of August 8, 2011