A 62-year-old woman presented with 3 months of insidious-onset, persistent headache focused around the left temple. She had left-sided pulsatile tinnitus and the affected area was warm to touch. Neurologic examination, including hearing, was normal with no objective bruit. A minimally elevated alkaline phosphatase (282 U/L) was the only blood abnormality. Imaging (figure) revealed osteoporosis circumscripta: the acute lytic phase of Paget disease. Although frequently asymptomatic, associated bone pain may present as headache. The vascularity of the petrous lesion explains the tinnitus. Treatment with anti-resorptive agents modestly improved the headache and may prevent ensuing neurologic complications attributed to the proliferative phase.1

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REFERENCE