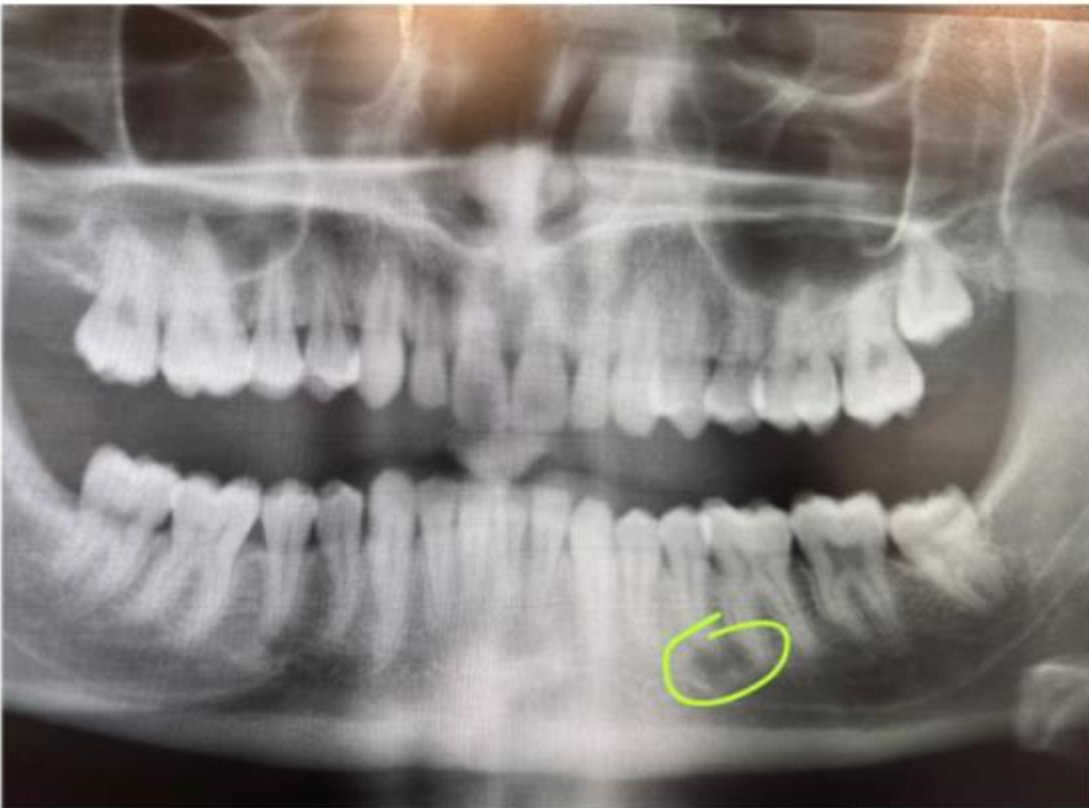


BEYOND THE APEX:
IDENTIFICATION OF
AN "ENDO-
ENDOCRINO-NEURO"
LESION IN A 17-
YEAROLD PATIENT
WITH PSEUDOTUMOR
CEREBRI AND TYPE 2
DIABETES

Res. Ass. Mevlut Berat BULBUL

- A 17-year-old male patient with Pseudotumor Cerebri (PTC) presented with a significant radiolucency at the apex of the mandibular second premolar (#35). Despite the lesion, the tooth was fully vital (EPT+/Cold+). The clinical history revealed that intermittent pain had begun one year prior, coinciding exactly with the cessation of his neurological medications.



- Recognizing the systemic-dental link, the patient was referred to Neurology and Endocrinology. While the physician deferred an MRI, laboratory tests led to a first-time diagnosis of Type 2 Diabetes Mellitus. No endodontic treatment was performed. **A 6-month follow-up radiograph showed significant healing of the periapical lesion following systemic glycemic control and neurological management.**

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Kasım
2025

T.C. SAĞLIK BAKANLIĞI ANKARA
EĞİTİM VE ARAŞTIRMA
HASTANESİ

10 Değer Referans Dışı

PDF

İNSÜLİN

2 Değer Referans Dışı

İşlem adı	Referans Aralığı	Değer		
İnsülin (Açlık)	H(2.6 - 25) mU/L	47.20 mU/L	!	🔍
HOMA-IR	H(<2.5)	10.9	!	🔍

- This case confirms a rare "Endo-Endocrino-Neuro" interaction (prevalence <1%), where localized diabetic neuropathy was exacerbated by PTC-related neurovascular pressure. This demonstrates that meticulous differential diagnosis can prevent unnecessary invasive treatments and identify life-altering systemic diseases.

