

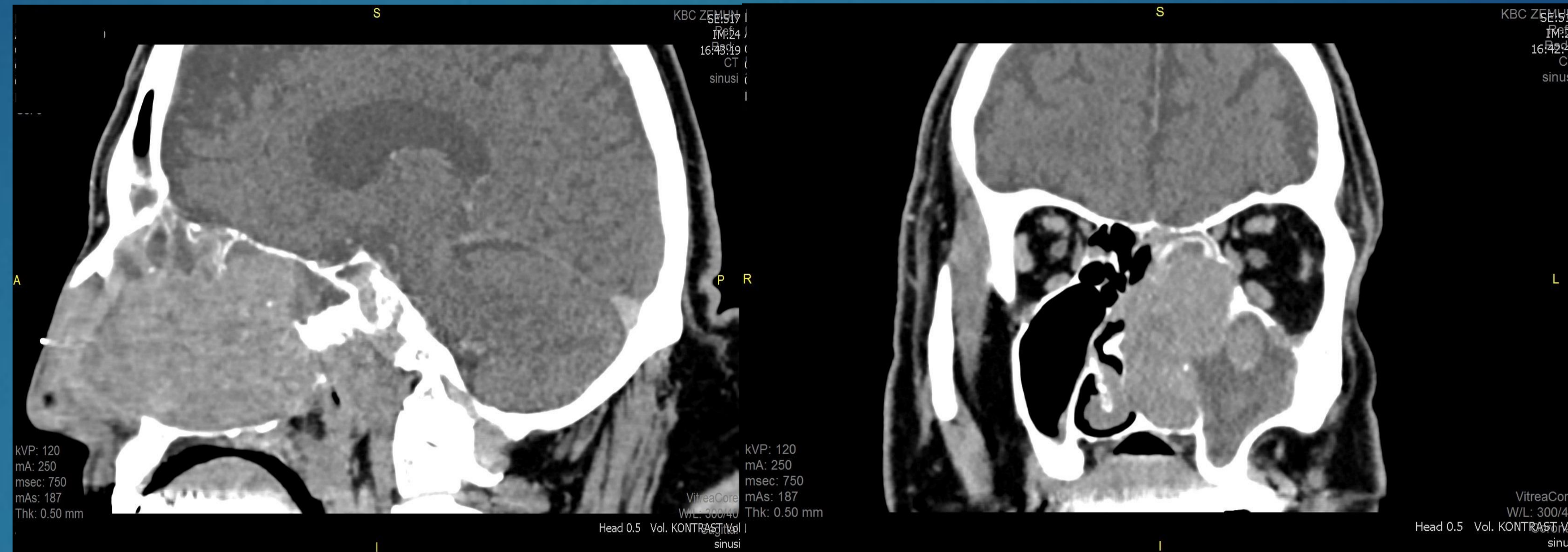
# CT presentation of rare extramedullary plasmacytoma septum nasi

Svetlana Kocić

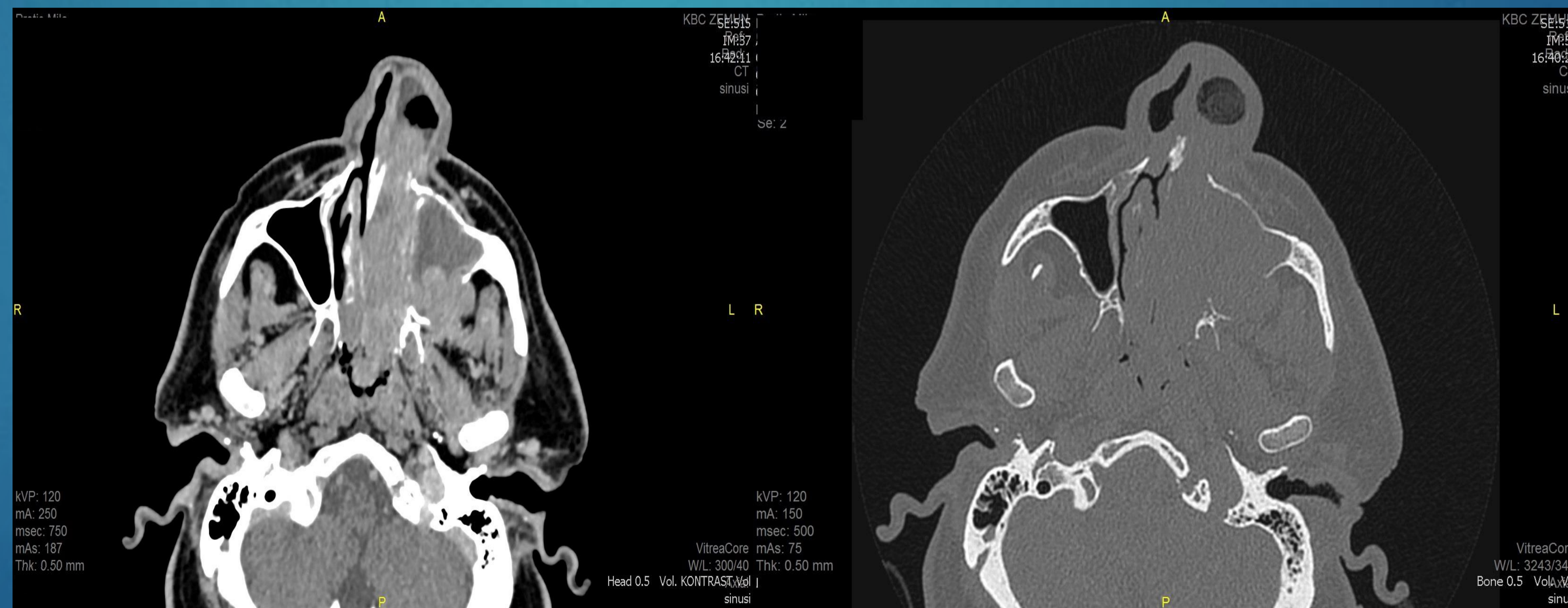
Department of radiology, Clinical hospital center Zemun, Belgrade, Serbia

Extramedullary plasmacytoma is a plasma cell tumor that grows within any of the soft tissues of the organism, presenting less than 1% of all head and neck malignancies. This tumor has atypical symptoms slow clinical course and its nonspecific findings make diagnosis difficult. The most common clinical symptoms are nasal congestion, epistaxis, and nasal discharge.

CT examination improved depiction of the tumor, local invasion and bony destruction but remains non-specific. CT presentation should be kept in mind in the differential diagnosis of intranasal masses. A multidisciplinary approach is important in the diagnosis and treatment.



A, B) sagittal and coronal postcontrast image Tu mass in left and right nasal cavity, left maxillary, frontal, sphenoid and ethmoid cells with destruction of the nasal septum, nasal concha and medial wall of the left maxillary sinus



C, D) Axial postcontrast image / soft tissue, bone window/ Tu mass in left nasal cavity, maxillary, sphenoid and ethmoid cells with destruction of the nasal concha, medial and lateral wall of the left maxillary sinus

We present a case of 50-year-old woman with progressive nasal obstruction and self-limiting epistaxis. There was no history of head trauma, mucosal or vascular injury or other systemic diseases.

Nasal endoscopy revealed a dark-red, polypoid mass arising from the nasal septum. CT examination with contrast revealed a heterogeneously enhancing expansive soft tissue mass 53x45x104mm originating from the nasal cavity almost completely filling frontal, maxillary, sphenoid sinus and ethmoid cells.