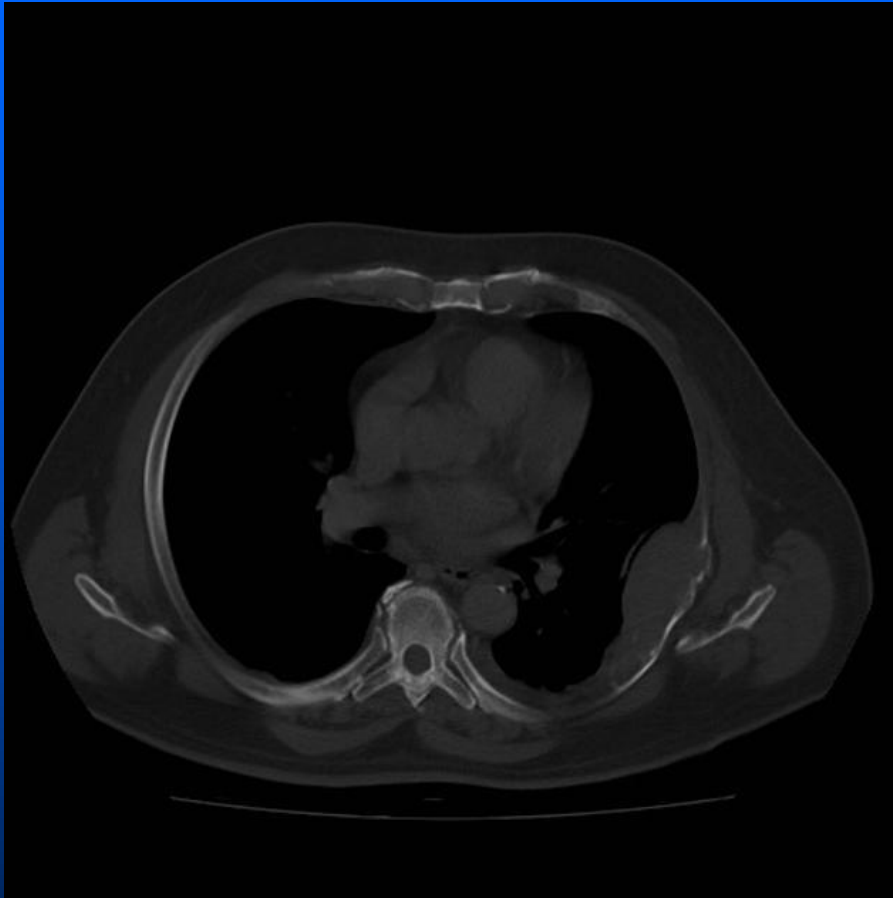


Plasmacytoma

- Solitary tumors of neoplastic monoclonal plasma cells in either bone or soft tissue (extramedullary).
- Rare tumor
- Minimal or no systemic bone marrow involvement
- Solitary plasmacytomas can be divided into two groups according to location:
 - Solitary bone plasmacytoma (~70%)
 - Extramedullary plasmacytoma (~30%)
- Progression rate to multiple myeloma is higher in solitary bone plasmacytoma (65-85% at 10 years) than extramedullary plasmacytoma

Plasmacytoma

- Can arise in any part of the body.
- Solitary bone plasmacytoma arises from the plasma cells located in the bone marrow,
- Extramedullary plasmacytoma is thought to arise from plasma cells located in mucosal surfaces.
- Both represent a different group of neoplasms in terms of location, tumor progression, and overall survival rate.
- Both do, however, share many of the biologic features of other plasma cell disorders

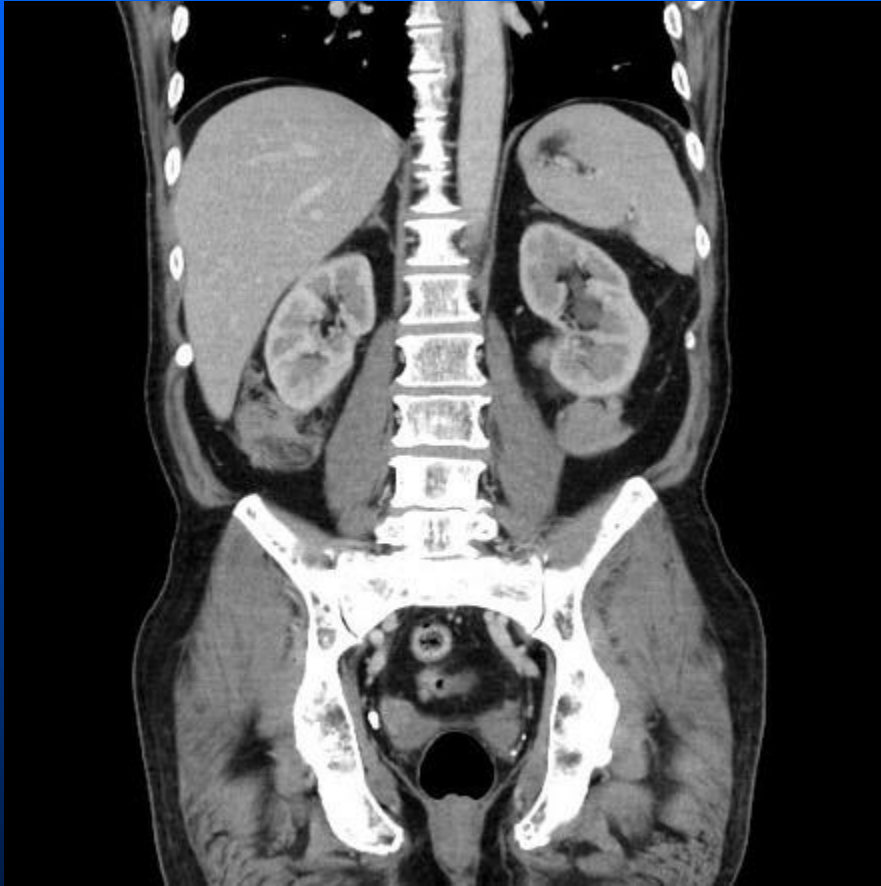




Extraosseous plasmacytoma

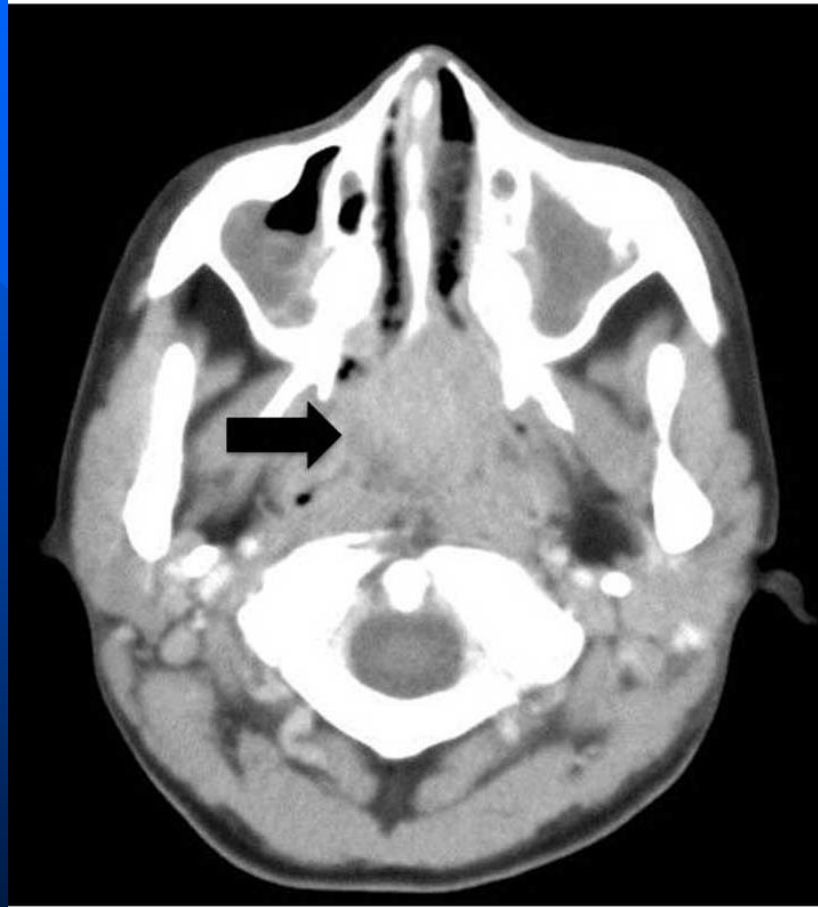
- Less common form of solitary plasmacytoma, manifesting as isolated plasma cell tumors located at a non-osseous site.
- In contrast to multiple myeloma, solitary plasmacytomas have little or no systemic bone marrow involvement.
- They most commonly occur in the **head and neck**
 - mostly involving sinuses, nasopharynx, oropharynx
- Rarely in the digestive tract, lung, or extremities.
- **Hyperamylasemia** may be an associated finding

Extramedullary plasmacytoma



Cross-sectional imaging demonstrates non-specific, well-circumscribed or infiltrative, homogeneously enhancing soft tissue masses or lymphadenopathy.

There may be a mass effect on other adjacent structures such as vessels, or there may be an invasion of adjacent organ



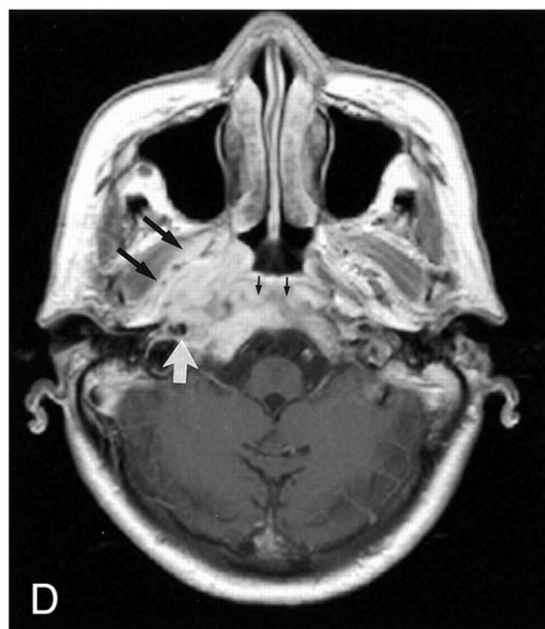
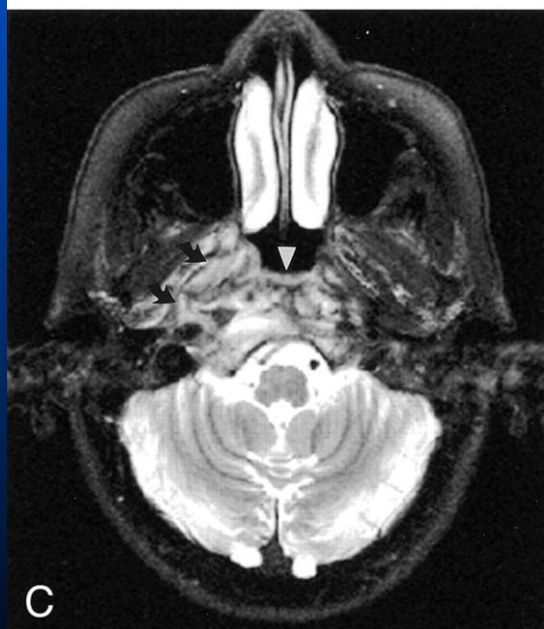
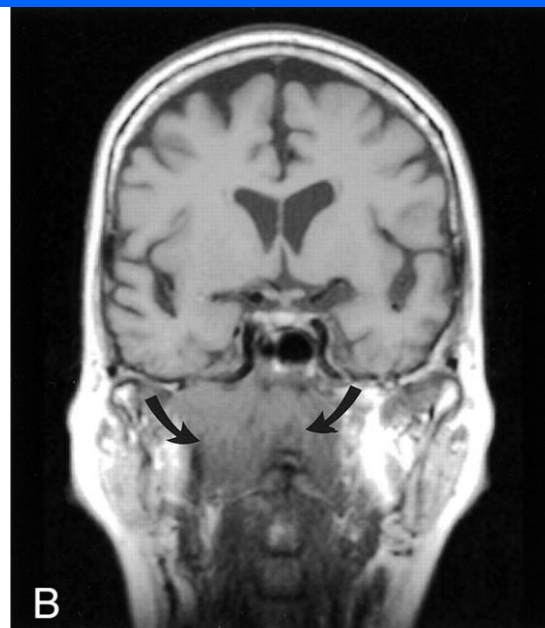
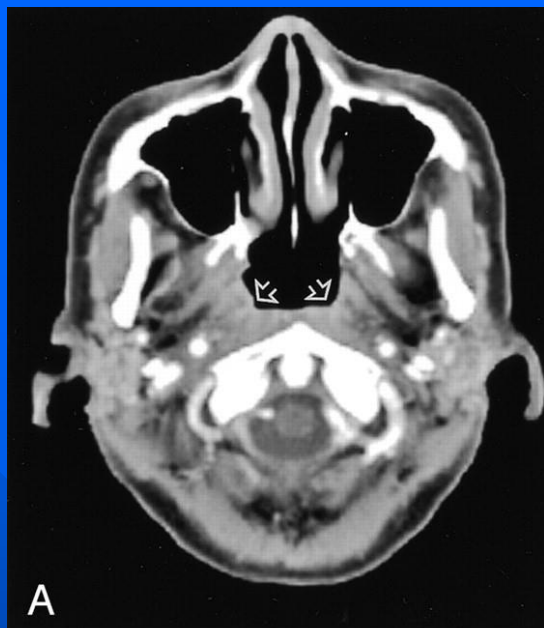
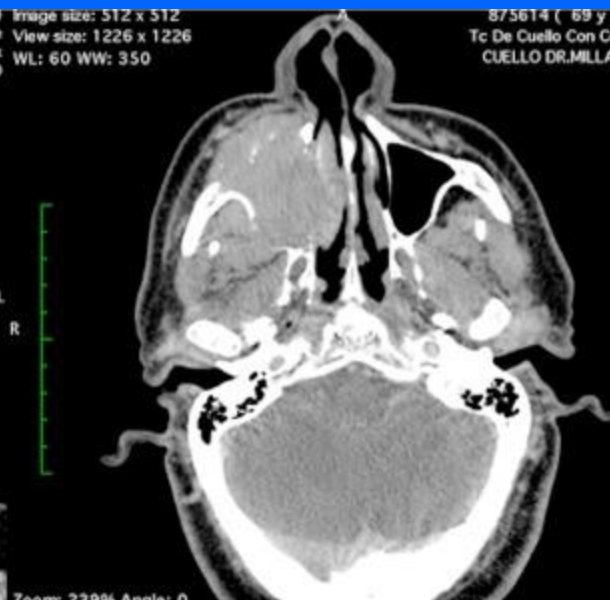


Image size: 512 x 512
View size: 1445 x 1226
WL: 60 WW: 350



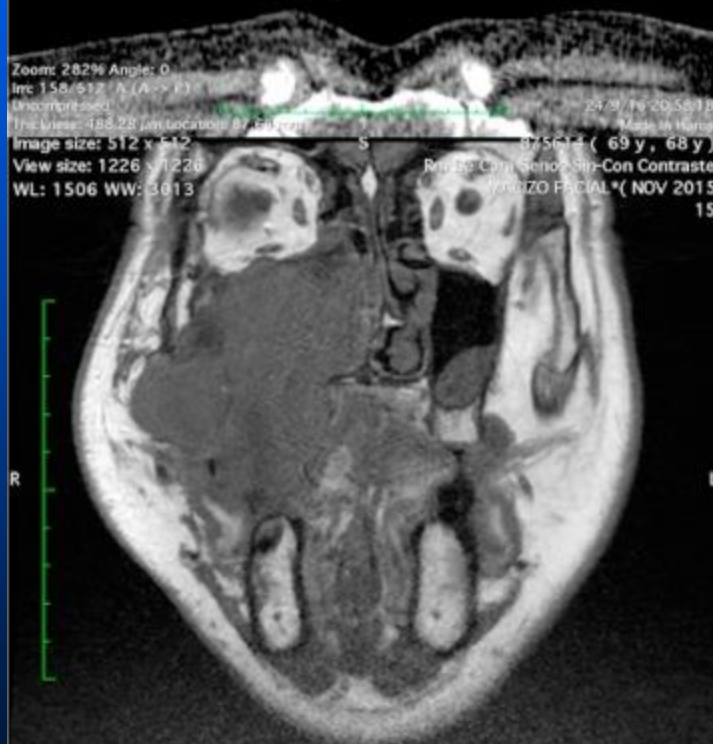
875614 (69 y, 67 y)
Tc De Cuello Con Contraste
CUELLO DR.MILLAN-Neck
10380

Image size: 512 x 512
View size: 1226 x 1226
WL: 60 WW: 350



875614 (69 y, 67 y)
Tc De Cuello Con Contraste
CUELLO DR.MILLAN-Neck
10380

Zoom: 282% Angle: 0
Im: 158/512 A (A -> P)
Uncompressed
The View: 488.28 mm Location: 87.14 mm
Image size: 512 x 512
View size: 1226 x 1226
WL: 1506 WW: 3013



875614 (69 y, 68 y)
Rm De Cara Senos Sin-Con Contraste
MACIZO FACIAL*(NOV 2015
15

Zoom: 239% Angle: 0
Image size: 512 x 512
View size: 1228 x 1228
WL: 1401 WW: 2803



875614 (69 y, 68 y)
Rm De Cara Senos Sin-Con Contraste
MACIZO FACIAL*(NOV 2015
11

Zoom: 239% Angle: 0
Im: 17/35 (A -> P)

TE: 11.456 TR: 425
FS: 1.5

Zoom: 240% Angle: 0
Im: 31/35 S (I -> S)
Uncompressed
Thickness: 3.00 mm Location: 14.62 mm P

TE: 116.168 TR: 4288
FS: 1.5
19/10/16 19:57:52
Made In Horos

