The main findings in Aly

1. Displaced fracture of the right paracondylar process

- Normal paracondylar process
- Fractured paracondylar process
- External acoustic meatus
- Stylomastoid foramen
- Fractured paracondylar process
Main findings in Aly

- Medial to the paracodnylar fracture there is soft tissue swelling with a central hypoattenuating region, consistent with seroma or hematoma either causing extrinsic compression of or within the caudodorsal aspect of the guttural pouch.

- Paracondylar fractures have been previously described: Fracture of the paracondylar process in four horses: advantages of CT imaging. C Lischer, U Walliser, P Witzmann, M Wehrli Eser and S Ohlerth. *EVJ* (2005) 37(5) 483-487
Main findings in Aly

2. Suspect subluxation of right temporohyoid joint with periarticular new bone proliferation

The right stylohyoid bone is rostrally displaced relative to temporal bone and subluxation is considered likely. Mild new bone formation adjacent to the articulation extending along ventral aspect of tympanic bulla may represent early temporohyoid osteopathy.
Main findings in Aly

3. Small comminuted fractures of the mastoid process of temporal bone on the right

The distolateral aspect of the mastoid process is irregular with small osseous bodies in the adjacent soft tissues representing small comminuted fractures.
• All of these findings have clinical implications in this horse that presented with facial nerve paralysis due to the close anatomic proximity to the stylomastoid foramen, which is where the facial nerve emerges.