

EQUINE TOMOSYNTHESIS

Head (B0006, 13 Feb 2019)

Gelding 9 years old with purulent excretions from the left nostril, periodically observed during 1,5 years. Tomosynthesis scans of maxillary sinuses and cheek teeth of the horse were done.

In tomosynthesis slices a round-shaped region is observed with diameter about 35 mm with increased intensity in the left maxillary sinus cavity (**Figure B6.1 a,b**).



a)



b)

Figure B6.1. The images of tomosynthesis slice the left maxillary sinus and cheek teeth in lateral oblique (**a**) and lateral (**b**) projections.

The same formation in the cavity of the right maxillary sinus was not observed on the Right Lateral or Right Lateral Oblique tomosynthesis slices (**Figure B6.2 a,b**).



a)



b)

Figure B6.2. The images of tomosynthesis slice the right maxillary sinus and cheek teeth in lateral oblique (**a**) and lateral (**b**) projections.

Diagnosis: cyst in the left maxillary sinus.