Computer Tomography of the intracranial sinuses of two Australian psittacines: practical consideration

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Abstract

Sinus pathology is not uncommon in Australian psittacine birds. The use of computer tomography (CT) to assess pathology in the sinuses of psittacine birds has been documented in several South Amercian psittacine species. Computer tomography studies were performed on two Australian psittacine birds: an 18-year old male Galah *Eolophus roseicapilla* and a six year old Major Mitchell/Corella *Cacatua leadbeateri/Cacatua sanguinea*. Both had been clinically normal for the last six months. The CT scans were performed to assess the normal anatomical intracranial sinuses of these two Australian psittacine birds. The birds were anaesthetised using isoflourane. Total anaesthetic time was six minutes. The slice thicknesses were 2mm. The total time to perform one CT scan was 30 seconds. The scans were performed in the axial plane with the bird supine. Scans were performed on a Toshiba Aquilion Multislice scanner. The practicalities associated with computer tomography are briefly discussed as well as a presentation of the CT images.

References

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