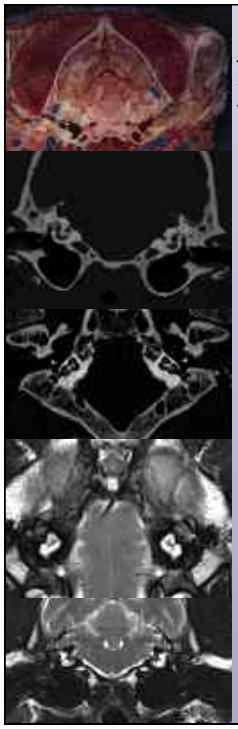

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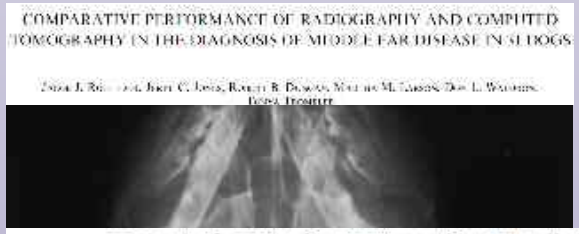
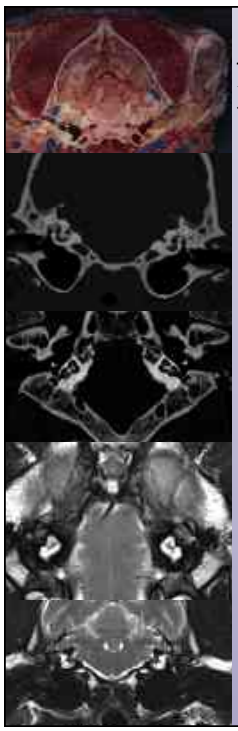
Jeudi 3 mai 2012



COMPARATIVE PERFORMANCE OF RADIOGRAPHY AND COMPUTED TOMOGRAPHY IN THE DIAGNOSIS OF MIDDLE EAR DISEASE IN SI DOGS

TABLE 3. Sensitivity, Specificity and Predictive Values

Test	Gold Standard	Modality CT (%)	Modality Radiography (%)
Sensitivity	Histopathology	64	54
	Surgery	86	55
Specificity	Histopathology	100	100
	Surgery	89	83
Positive predictive value	Histopathology	100	100
	Surgery	93	84
Negative predictive value	Histopathology	29	24
	Surgery	80	54



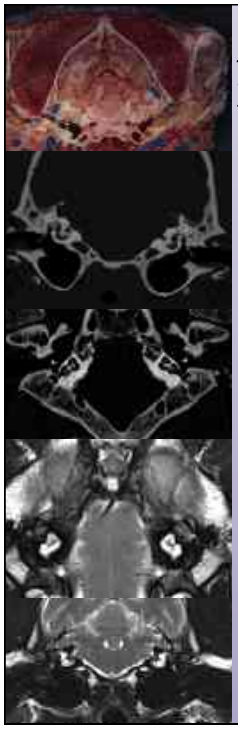
Académie vétérinaire

Jeudi 3 mai 2012

Intérêts comparés du scanner et de l'IRM dans le diagnostic des atteintes de l'oreille moyenne et interne

Francoise Delisle

Jean-Laurent Thibaud



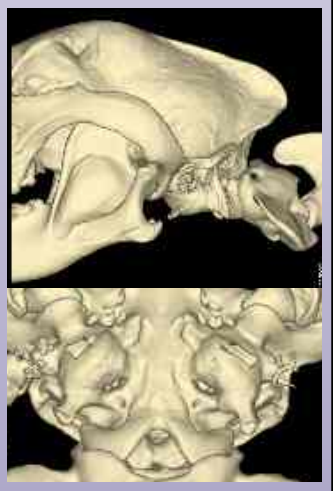
Académie vétérinaire

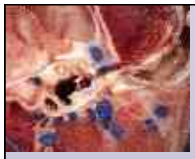
Jeudi 3 mai 2012

- **Inflammations**
- **Traumatismes**
- **Tumeurs**
- **Malformation**
- **Toxique**

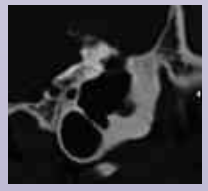
Francoise Delisle
Jean-Laurent Thibaud

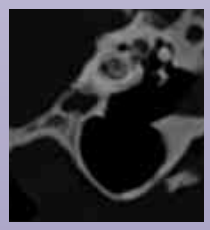
L'oreille

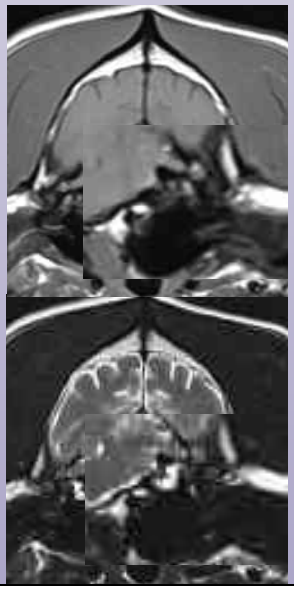




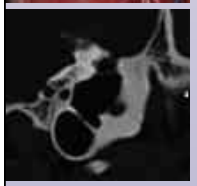
L'oreille moyenne







Visualisation de l'os
Résolution spatiale



Atteintes de l'oreille moyenne

Primary secretory otitis media in the Cavalier King Charles spaniel:

Douleur

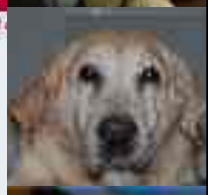
tête penchée

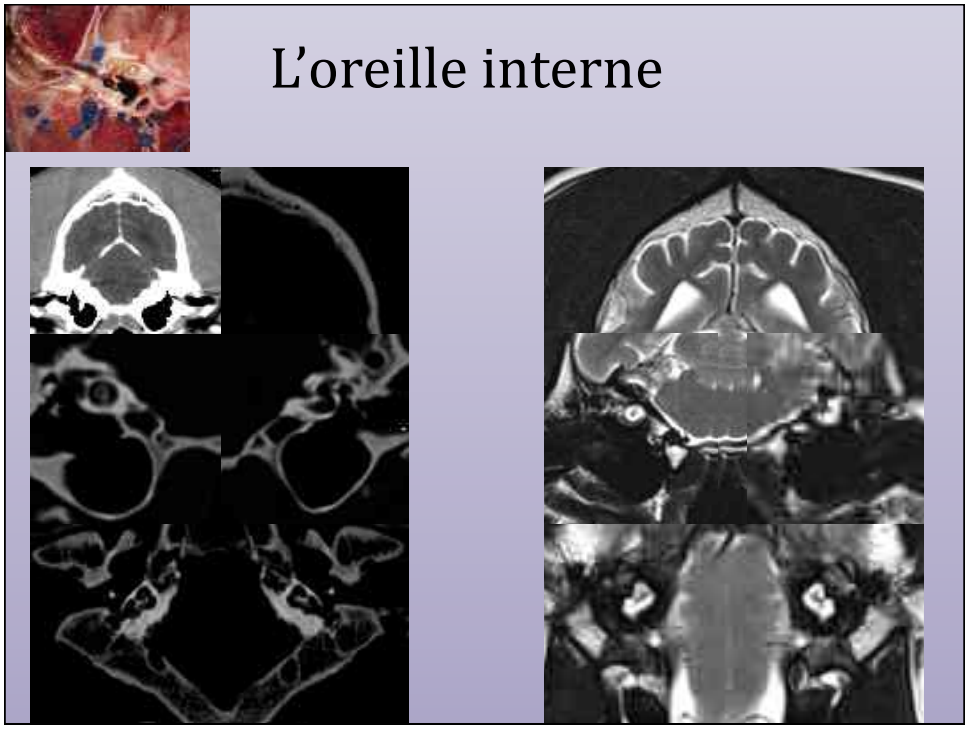
plaintes à l'ouverture de la bouche

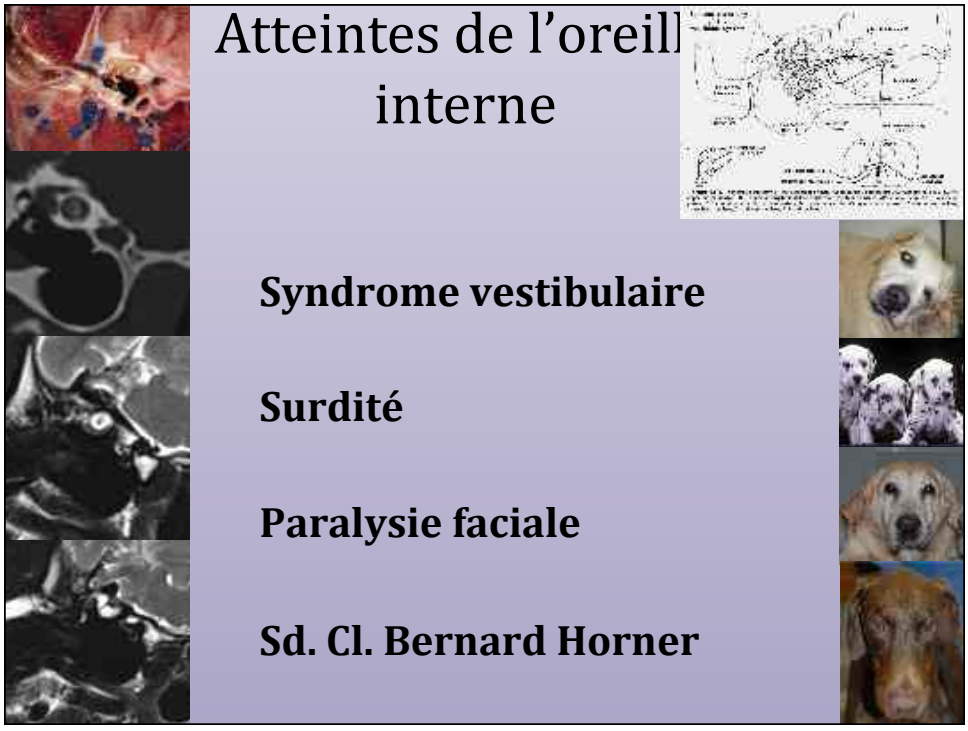
Hypoacousie

Paralysie faciale

Sd de Cl. Bernard Horner

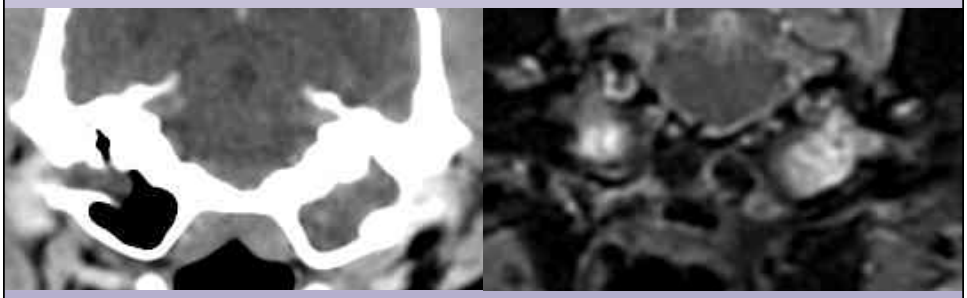



L'oreille interne


Atteintes de l'oreille interne
Syndrome vestibulaire
Surdité
Paralysie faciale
Sd. Cl. Bernard Horner

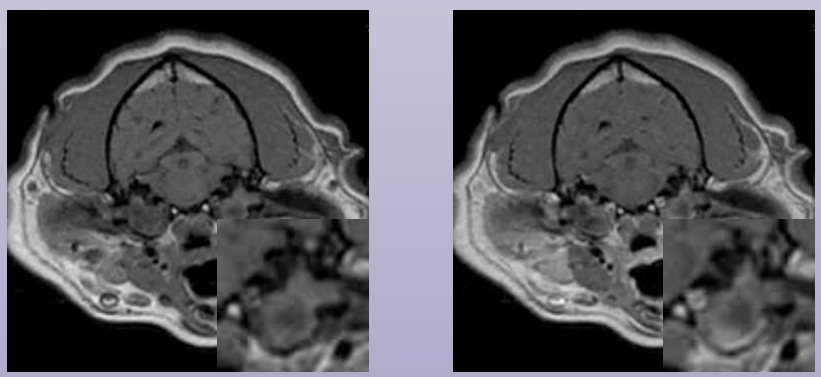
CT/IRM: intérêts comparés dans… la détection des lésions

Présence de matériel dans la bulle tympanique



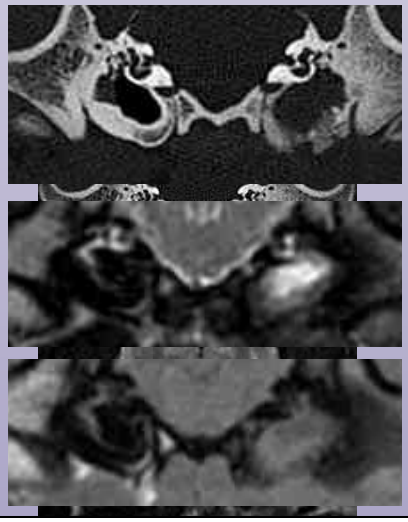
CT/IRM: intérêts comparés dans… la détection des lésions

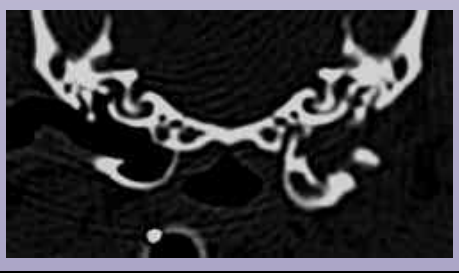
Infiltration de la muqueuse de la bulle tympanique



CT/IRM: intérêts comparés dans… la détection des lésions

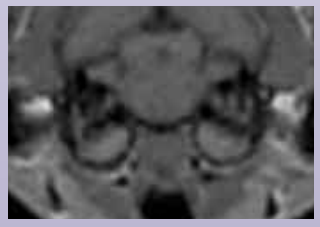
Modifications de la paroi de la bulle tympanique

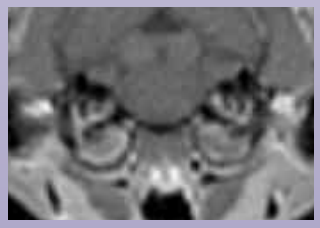




CT/IRM: intérêts comparés dans… la détection des lésions

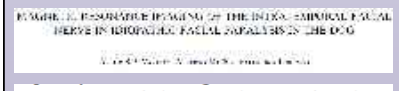
Modifications du labyrinthe membraneux





CT/IRM: intérêts comparés dans… la détection des lésions

Atteinte du nerf facial



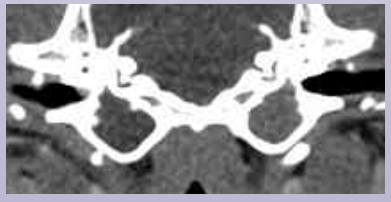
Veterinary Radiology & Ultrasound, Vol. 47, No. 4, 2006, pp 328–333.

MAIS

- ! Aimant : 0,5 T
- ! Ep. Coupe : 2-3 mm
- ! Absence de population témoin

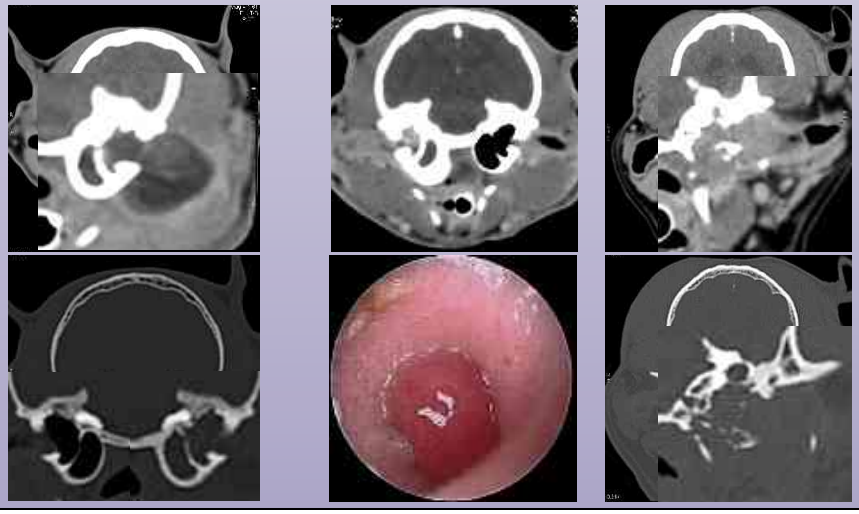
CT/IRM: intérêts comparés dans… la spécifité du diagnostic

Contenu de la bulle tympanique



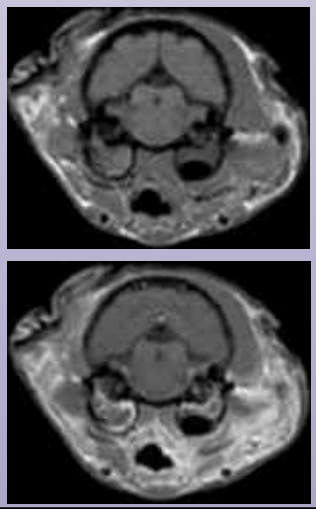
CT/IRM: intérêts comparés dans… la spécifité du diagnostic

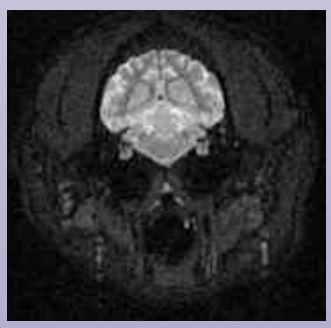
Inflammatoire Vs Tumoral



CT/IRM: intérêts comparés dans… le bilan d'extension de la lésion

Aux tissus autour de la bulle tympanique





CT/IRM: intérêts comparés dans… le bilan d'extension de la lésion

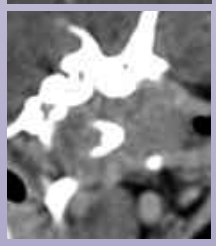
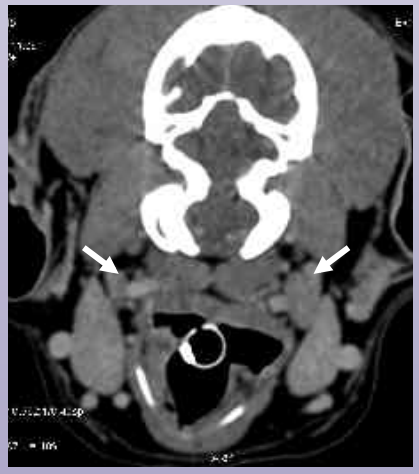
A la cavité crânienne





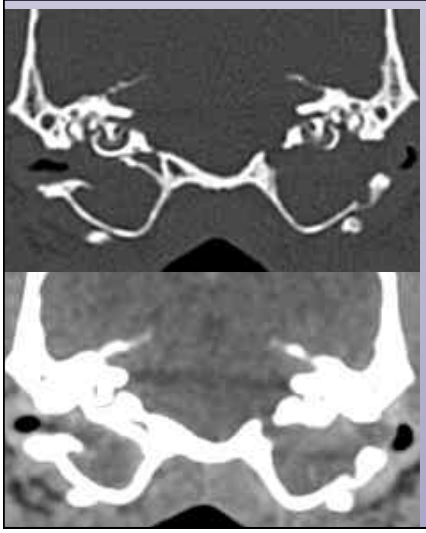

CT/IRM: intérêts comparés dans… le bilan d'extension de la lésion

Aux ganglions régionaux

CT/IRM: intérêts comparés lors…

De douleur/otorrhée/tête penchée

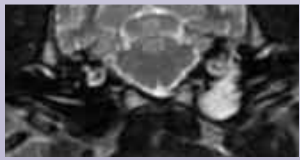


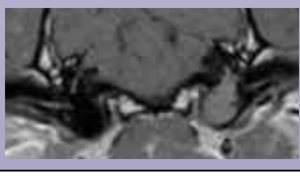
CT/IRM: intérêts comparés lors…

De syndrome vestibulaire

CT/IRM: intérêts comparés lors…

De surdité

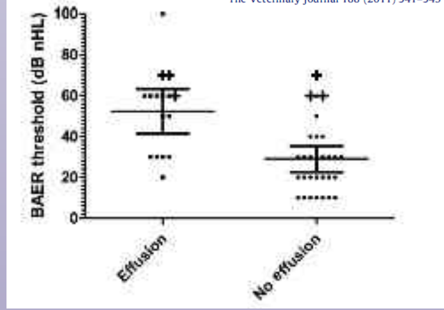




Effect of middle ear effusion on the brain-stem auditory evoked response of Cavalier King Charles Spaniels

Thomas K. Harcourt-Brown, Nick E. Parker, Nicolas Granger, Nick D. Jeffery

The Veterinary Journal 188 (2011) 341–345



CT/IRM: intérêts comparés lors…

De paralysie faciale

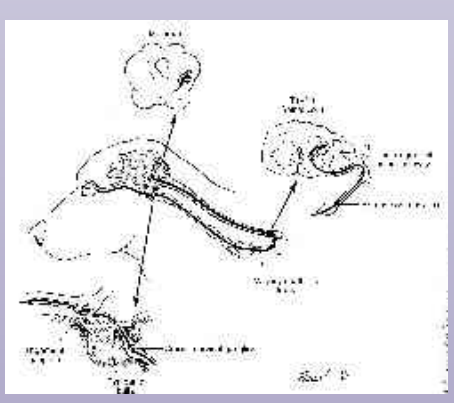
Facial Nerve Paralysis due to Chronic Otitis Media: Prognosis in Restoration of Facial Function after Surgical Intervention

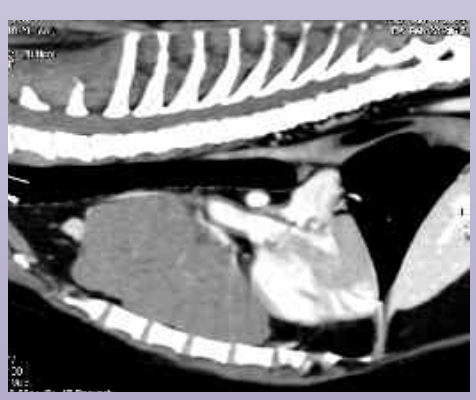
Yonsei Med J 53(3):642-648, 2012

Purpose: Facial paralysis is an uncommon but significant complication of chronic otitis media (COM). Surgical eradication of the disease is the most viable way to overcome facial paralysis therefrom. In an effort to guide treatment of this rare complication, we analyzed the prognosis of facial function after surgical treatment. **Materials and Methods:** A total of 3435 patients with COM who underwent various otologic surgeries throughout a period of 20 years, were analyzed retrospectively. Forty six patients (1.34%) had facial nerve paralysis caused by COM. We analyzed prognostic factors including delay of surgery, the extent of disease, presence or absence of cholesteatoma and the type of surgery affecting surgical outcomes. **Results:** Surgical intervention had a good effect on the restoration of facial function in cases of shorter duration of onset of facial paralysis to surgery and cases of sudden onset, without cholesteatoma. No previous ear surgery and healthy bony labyrinth indicated a good postoperative prognosis. **Conclusion:** COM causing facial paralysis is most frequently due to cholesteatoma and the presence of cholesteatoma decreased the effectiveness of surgical treatment and indicated a poor prognosis after surgery. In our experience, early surgical intervention can be crucial to recovery of facial function. To prevent recurrent cholesteatoma, which leads to local destruction of the facial nerve, complete eradication of the disease in one procedure cannot be overemphasized for the treatment of patients with COM.

CT/IRM: intérêts comparés lors…

De syndrome de Claude Bernard Horner

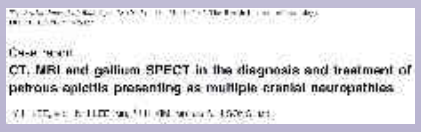


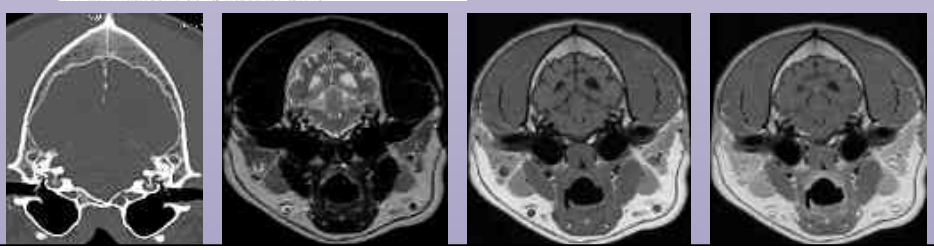


CT/IRM: intérêts comparés

Conclusion

Une complémentarité des examens
- **os Vs parenchyme**
- **hypothèses diagnostiques**


CT, MRI and gallium SPECT in the diagnosis and treatment of petrous apicitis presenting as multiple cranial neuropathies



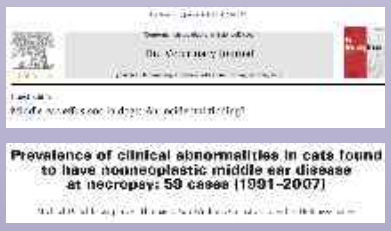
CT/IRM: intérêts comparés

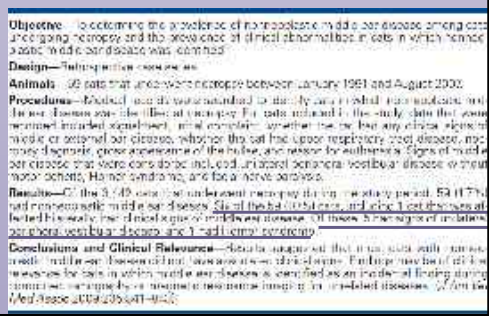
Conclusion

Intégration dans une démarche raisonnée

- signification des lésions

- limites diagnostiques

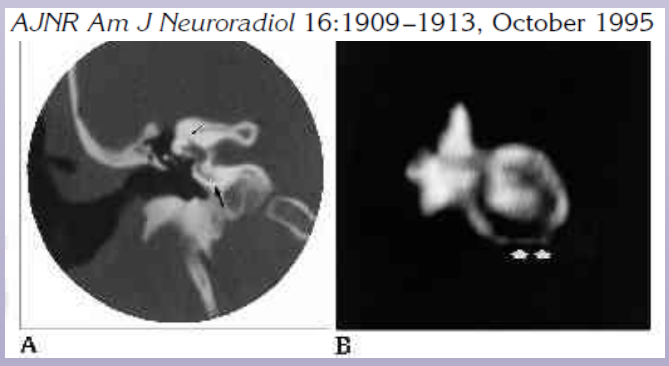

Prevalence of clinical abnormalities in cats found to have nonneoplastic middle ear disease at necropsy: 59 cases (1991–2007)



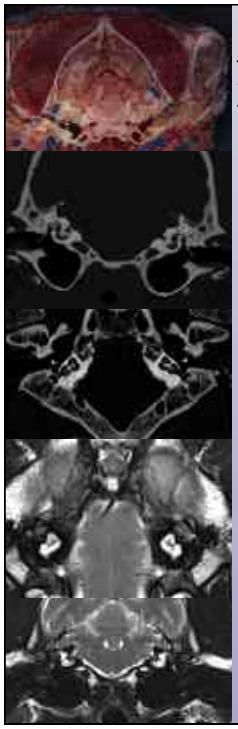
CT/IRM: intérêts comparés

Perspectives

Amélioration des séquences IRM



Etudes comparatives prospectives



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Jeudi 3 mai 2012

Intérêts comparés du scanner et de l'IRM dans le diagnostic des atteintes de l'oreille moyenne et interne

Francoise Delisle
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