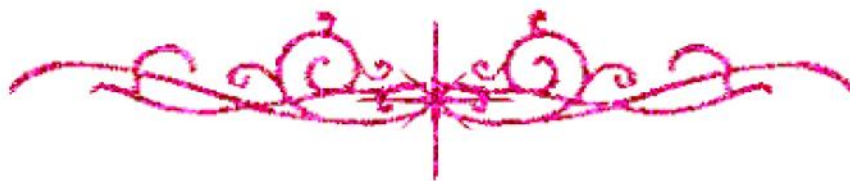


بسم الله الرحمن الرحيم





شبكة المعلومات الجامعية التوثيق الالكتروني والميكرو فيلم



جامعة عين شمس

التوثيق الإلكتروني والميكروفيلم

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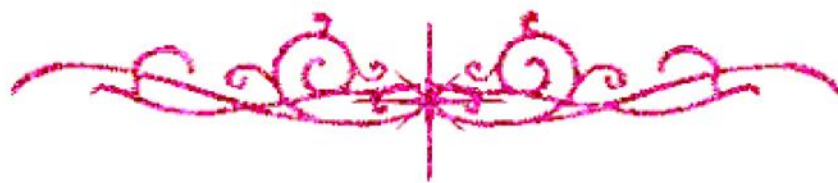


بعض الوثائق الأصلية تالفة





بالرسالة صفحات
لم ترد بالأصل



Diagnostic role of MUC4 immunohistochemical expression in various subtypes of meningioma.

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ABSTRACT

Background: Meningiomas exhibit a wide range of histological appearances and they may show overlapping morphology with other non-meningothelial tumours and so the differential diagnosis may be challenging.

Aim of the Work: To examine the diagnostic role of MUC4 expression in various histological subtypes and grades of meningioma and some other non-meningothelial tumours relevant to the potential diagnosis.

Materials and Methods: The expression of MUC4 and EMA was analysed by immunohistochemical staining in various subtypes of meningiomas and other non-meningothelial tumours that enter in the differential diagnosis (schwannoma, solitary fibrous tumours/hemangiopericytoma (SFT/HPC), glioblastoma and hemangioblastoma)

Results: A statistically significant difference was detected between MUC4 expression in meningioma and other non-meningothelial tumours (P value < 0.001). MUC4 was expressed in 83.3% of meningioma cases and was entirely negative in non-meningothelial tumours with 83.3% sensitivity and 100% specificity.

Conclusion: MUC4 is a possible novel adjunct diagnostic marker that can distinguish between confusing cases of meningioma and the tested non-meningothelial tumours.

Keywords: Meningiomas, non-meningothelial tumours, immunohistochemistry, MUC4



Diagnostic Role of MUC4 Immunohistochemical Expression in Various Subtypes of Meningioma

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بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

قالوا

سبحانك لا علم لنا
إلا ما علمتنا إنك أنت
العليم العظيم

صدق الله العظيم

سورة البقرة الآية: ٢٢

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Nermeen Mohammed Hasaneen

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