

IAOP INTERESTING CASE 1 CONCLUSION

Five revised diagnoses were received after posting the histopathology image. Four respondents made a diagnosis of a schwannoma, the other respondent offered a differential diagnosis of nodular fasciitis vs benign fibrous histiocytoma.

DIAGNOSIS: NEURILEMMOMA (SCHWANNOMA)

DISCUSSION

The lesion in the present case was S100 positive as would be expected. Neurilemmoma is a benign neural neoplasm originating from the neural sheath. This tumour is relatively uncommon with predilection for the head and neck region, which accounts for approximately 1/3 of the reported cases. Intraosseous neurilemmomas are rare, with the symphysis being the most common affected bone in the region. The patient presented does not have clinical evidence of Neurofibromatosis (NF). Rare cases of neurilemmomas are related to NF type II, particularly the plexiform variant. This latter form represents 4.3% of all neurilemmomas and 23% of head and neck cases. Genetic analysis was not performed in this patient considering the absence of other signs of NF and the negative familial history.

REFERENCES

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