

Lacrimal Gland Carcinoma

■ Subtypes:

- Adenoid cystic carcinoma (ACCa)
- Adenocarcinoma
- Squamous cell carcinoma
- Carcinoma ex pleomorphic adenoma

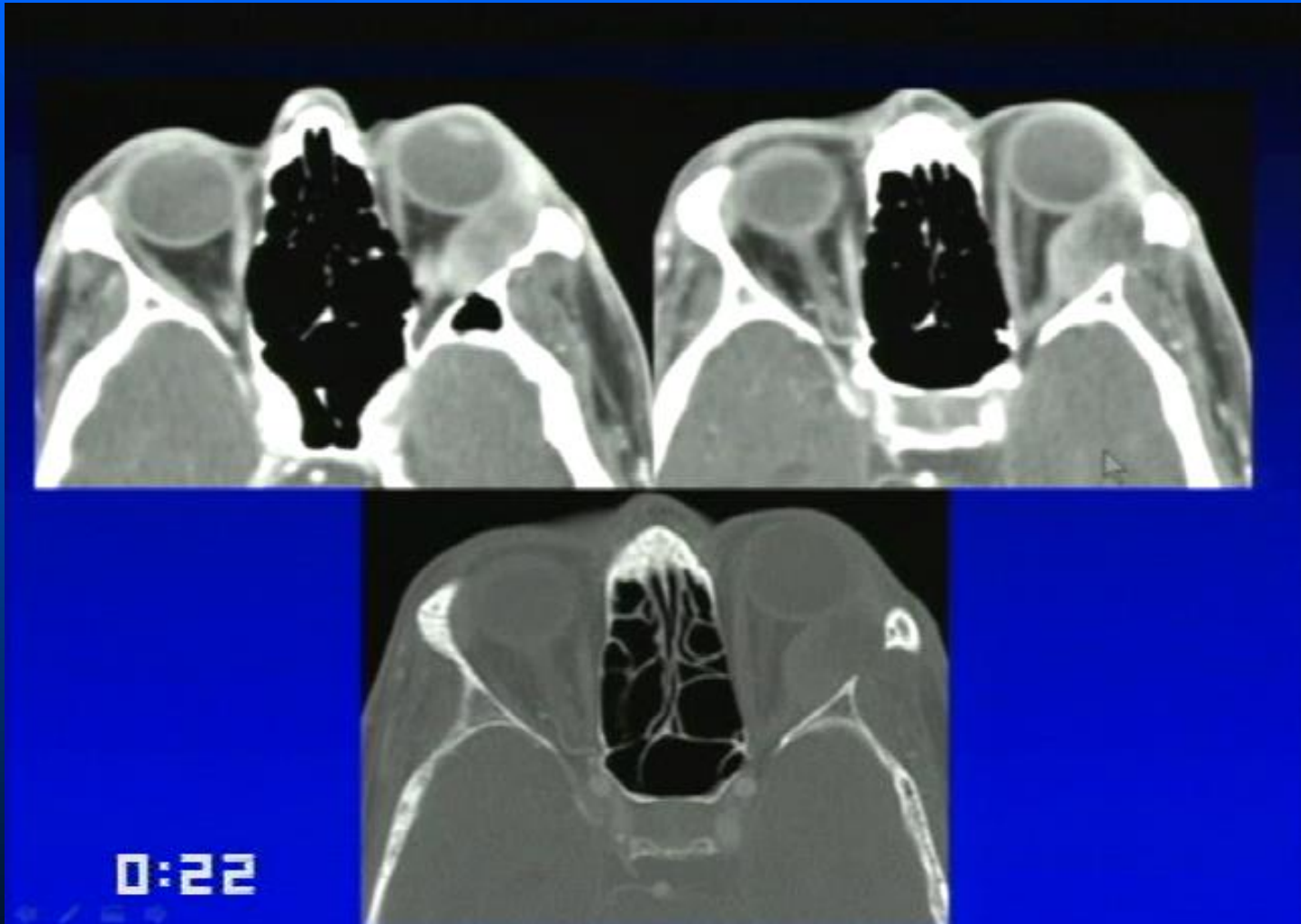
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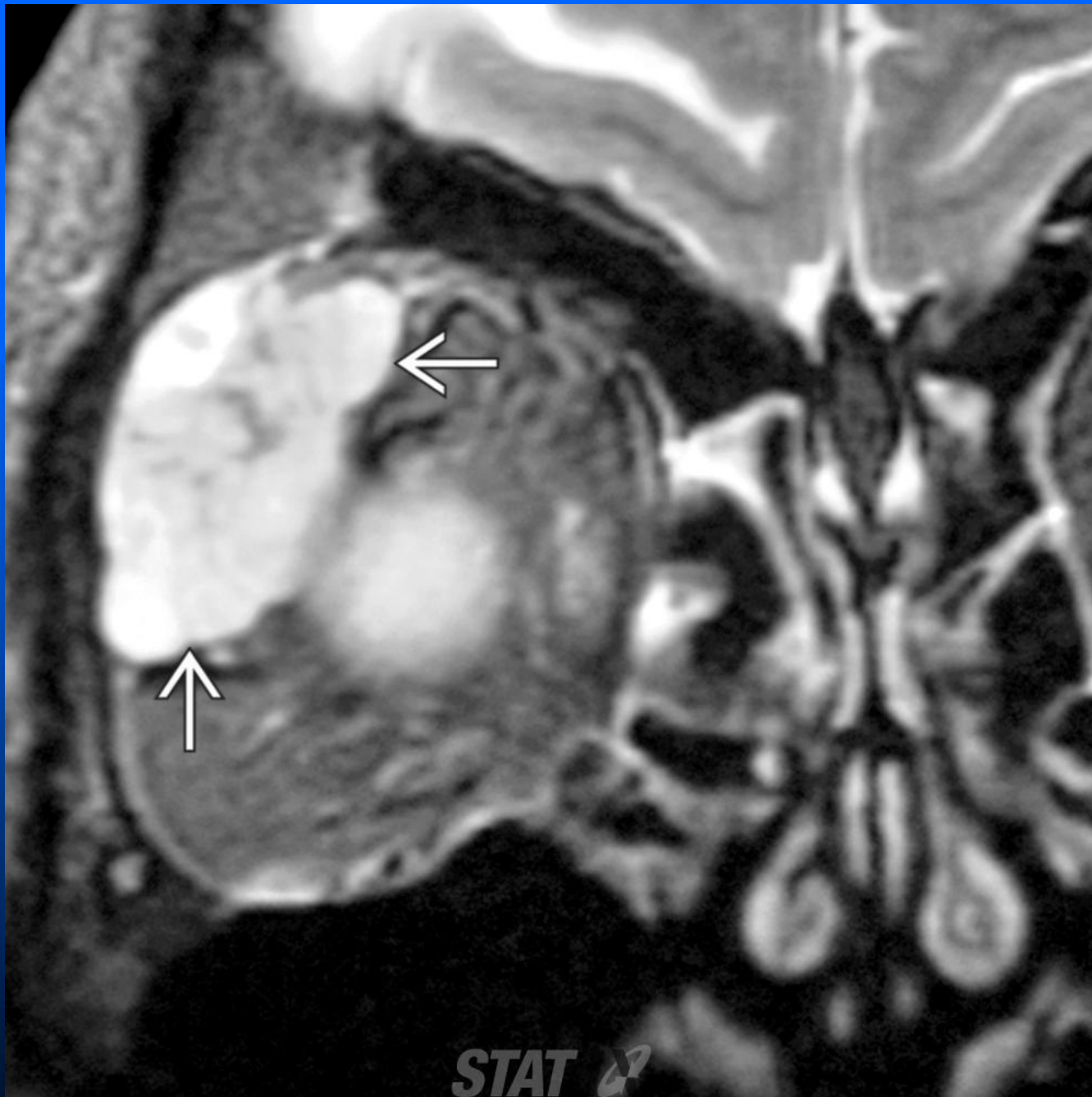
- Parallels that of salivary gland neoplasms
- Divided into low and high grade based on WHO classification of salivary tumors
- ACCa most common malignant lacrimal tumor
Must assess for perineural spread

DDX:

- Benign mixed tumor
- Lymphoproliferative lesion
- Dacryoadenitis
- Idiopathic inflammatory pseudotumor
- Sarcoidosis
- Sjögren syndrome
- Wegener granulomatosis

Adenoid Cystic Lacrimal gland





Coronal T2WI FS MR shows a markedly hyperintense, somewhat heterogeneous mass (white solid arrow) with lobulated, circumscribed borders centered in the right lacrimal fossa. In the absence of bone destruction, this adenoid cystic carcinoma cannot be distinguished from a benign lacrimal tumor.