THROMBOLYSIS IN NON-APPARENT BRAIN TUMOURS ON NON-CONTRAST CT – TWO CASES

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Background:

Non-contrast CT (NCCT) is the pre-thrombolysis modality of choice in acute stroke assessment. We present two cases of normal NCCT and subsequent MRI revealing undiagnosed brain tumour. There were no adverse outcomes following thrombolysis.

Case report:

Case 1: 67 years old male with hypertension was admitted with sudden onset speech deficit and NIHSS of 6

Case 2: 79 years old female with hypertension was admitted with sudden onset speech deficit with NIHSS of 6

Relatively normal appearing NCCTs but subsequent abnormal MRI revealed slow growing glioma.

Conclusion: These cases add further unintentional data to support the data that thrombolytic therapy for acute stroke appears to be safe in patients with primary brain tumors, with similar rates of ICH.(1)

Reference:

1. J Clin Neurosci. 2015 Mar;22(3):474-8.