



SUCCESSFUL THROMBOLYTIC TREATMENT IN A 102 YEARS OLD PATIENT.

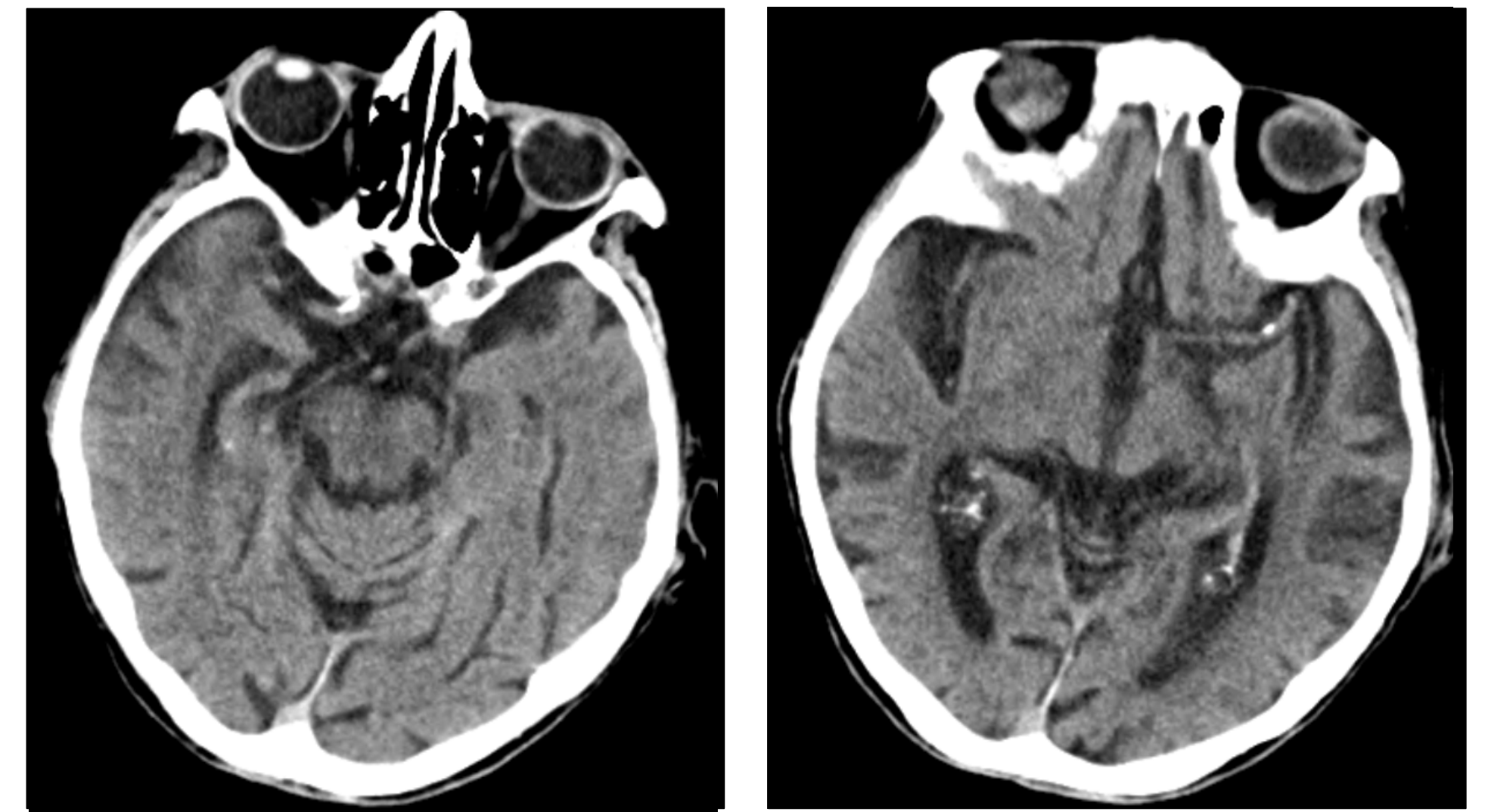
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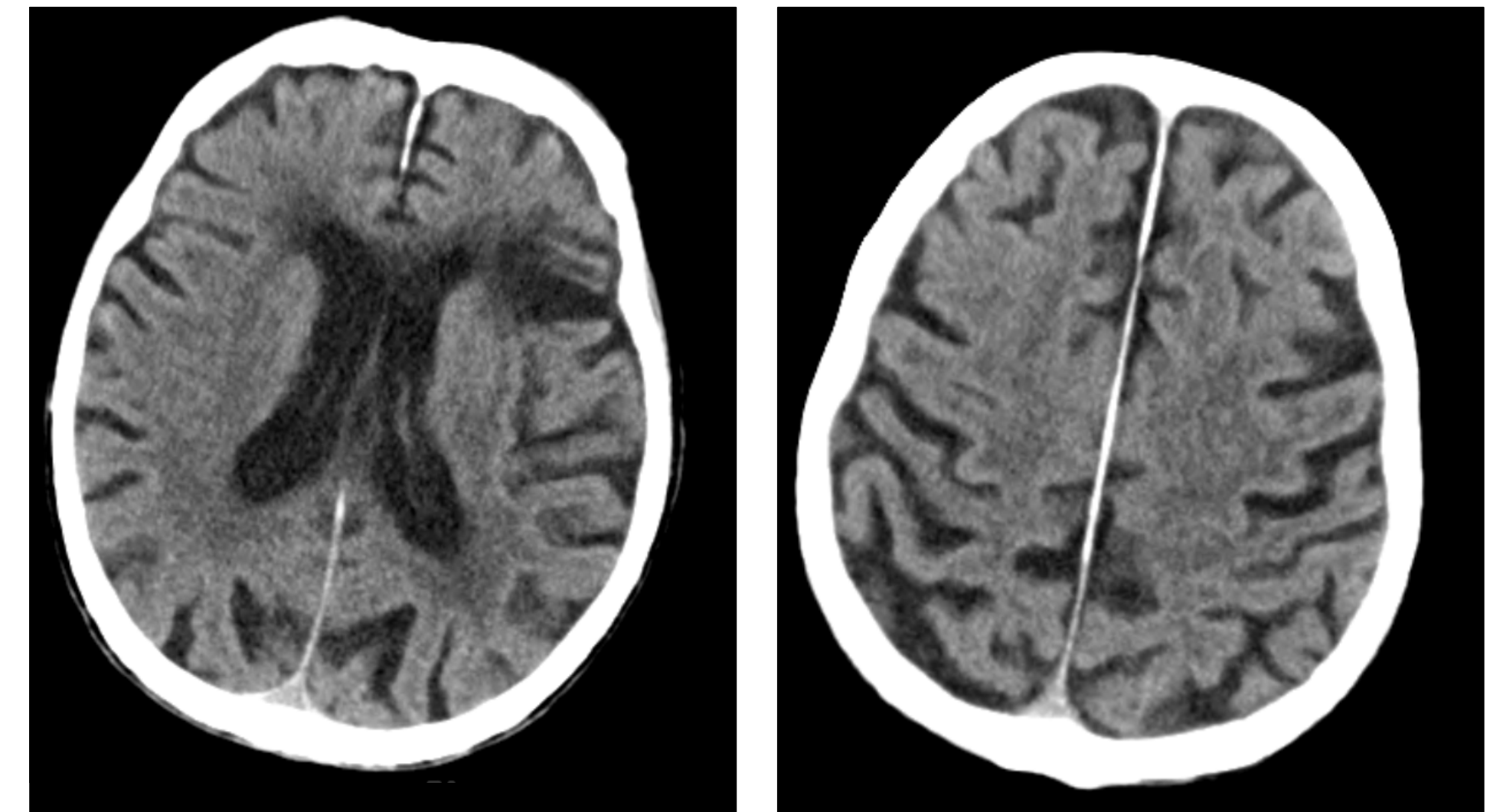
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OBJECTIVE: The incidence of ischemic stroke rises with age. The new Italian guidelines of 2015 did not identify a limit of age for thrombolytic treatment in patients affected by ischemic stroke within 4.5 hour from the onset of symptoms. We describe a successful thrombolytic treatment in a 102 years old patient.

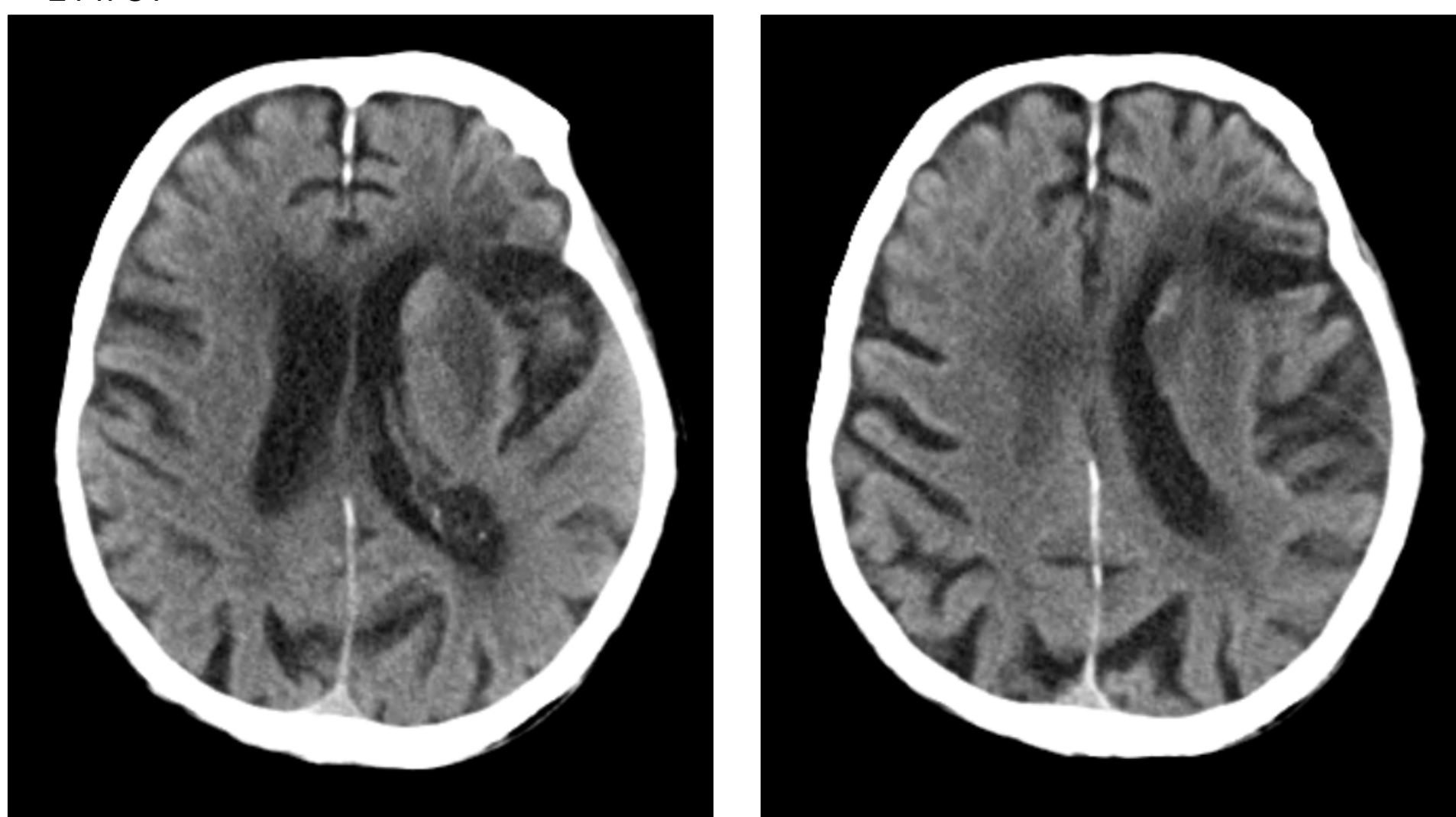
PATIENT: is a 102 year-old female affected by atrial fibrillation in treatment with antiplatelet drugs and chronic renal failure. She referred to our Emergency Room 45 minutes after onset of right hemiplegia and aphasia. Admission National Institutes of Health Stroke Scale (NIHSS) score was 20, with no early ischemic changes on imaging (CT). Pre-stroke modified Rankin Scale score was 0, and she lived independently with minimal help. She received alteplase at the dose of 0.9 mg/kg. At the end of intravenous thrombolysis the patient presented a partial benefit with improvement of strength and comprehension of language. A CT performed 24 hours later showed infarct of left nuclear-capsular and fronto-insular region associated with minimal hemorrhagic component, not anymore identifiable in a CT performed 7 days later.



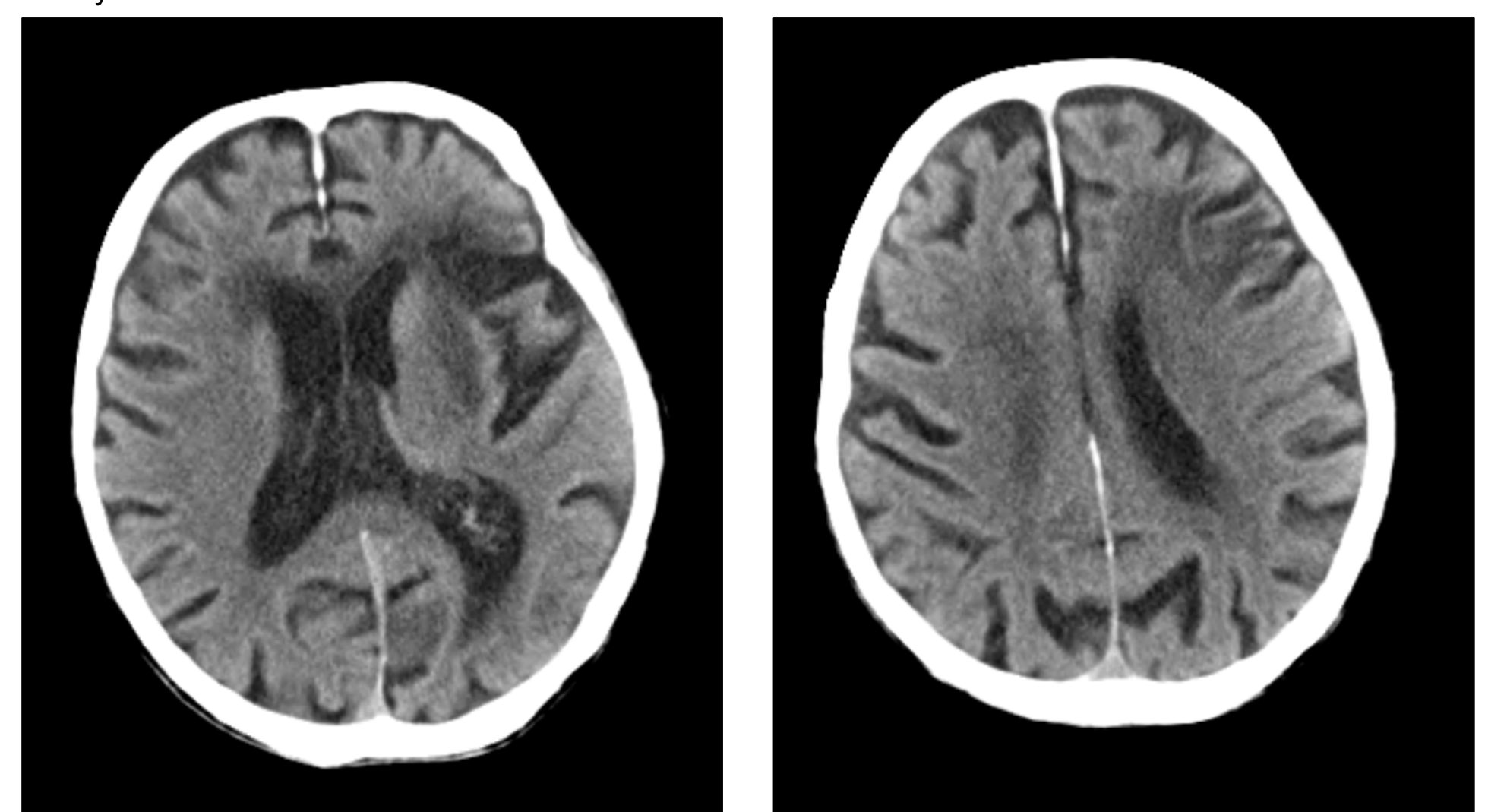
Admission CT



24-h CT



7 days CT



RESULTS: At the discharge from the stroke unit the NIHSS score was 10, presenting only slight hemiparesis and expressive aphasia. For secondary stroke prevention, therapy with rivaroxaban was started.

CONCLUSION: To the best of our knowledge this is the case of the oldest patient treated with i.v. thrombolytic treatment in Italian experience and confirms the safety of thrombolytic treatment in old patients.

References:

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