



NEVA 1st PASS in JENA UNIVERSITY

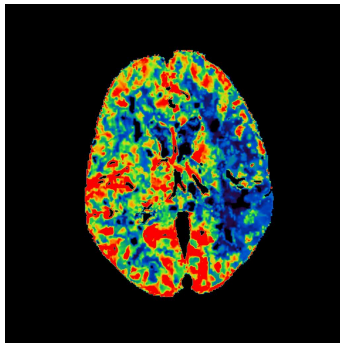
Clinical Case Report



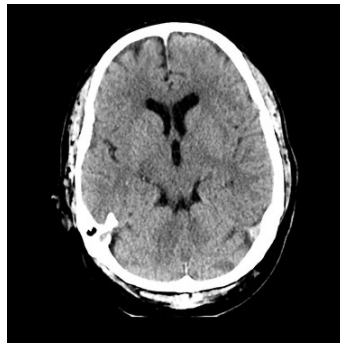
Professor Thomas
Mayer Head of INR
Department, Jena
University, GERMANY

Presentation

55 year old stroke patient presented with hemiplegia and aphasia. Imaging confirmed a left MCA (M1) occlusion. The CBF map confirmed the existence of significant salvageable penumbra in the occluded area.



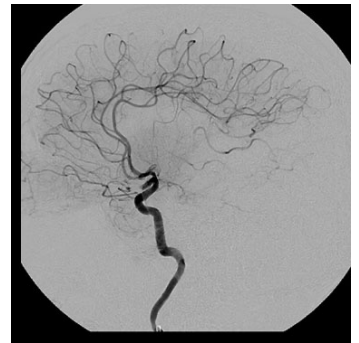
Colorful CT Image



CT Image



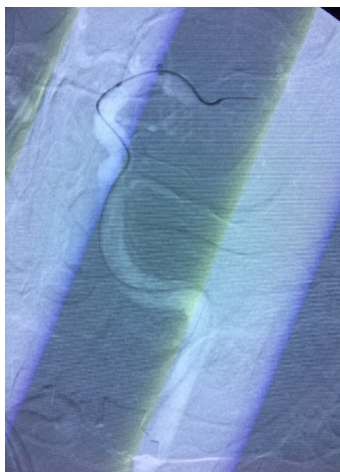
AP View



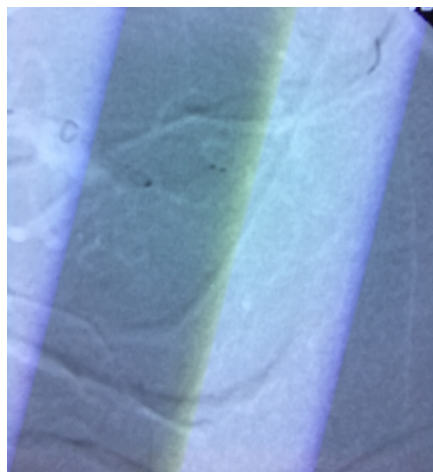
Lateral View

The Procedure

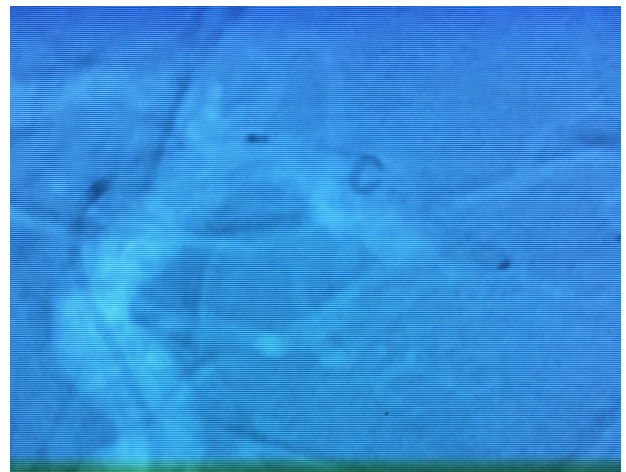
Professor Mayer and his team decided to do thrombectomy with a NeVa 4.0 x 30 under distal aspiration and got the clot out in a single pass.



Access to the
occlusion



NeVa 4.0 x 30 mm
deployed in the MCA

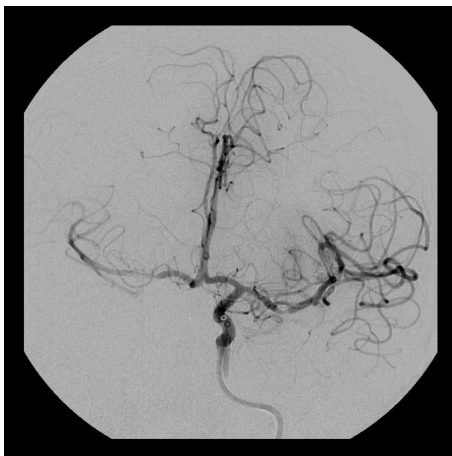


First pass retrieval with the NeVa
basket partially retrieved in the
distal access/aspiration catheter

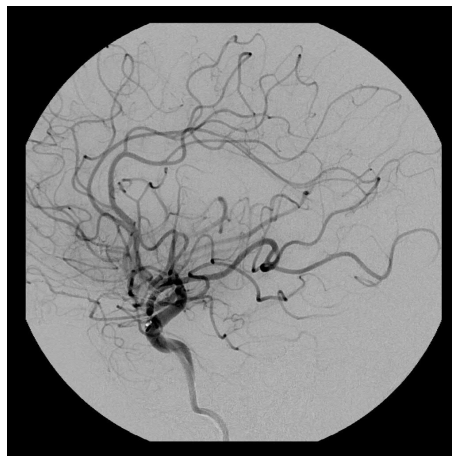


NeVa basket with
incorporated clot after
the first pass

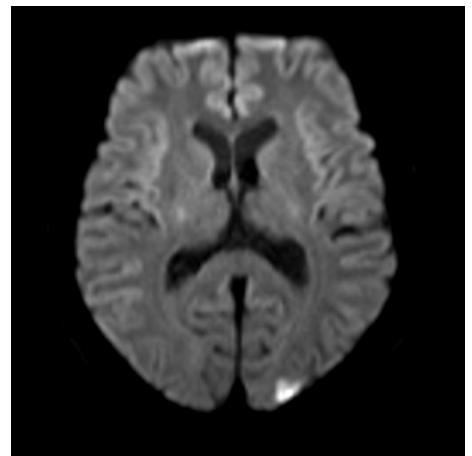
The resulting recanalization was a TICl 2C,
achieved in just under 15 minutes from groin
puncture.



DSA (AP) AFTER first
pass with NeVa: TICl 2C



DSA (Lateral) AFTER
first pass with NeVa:
TICl 2C



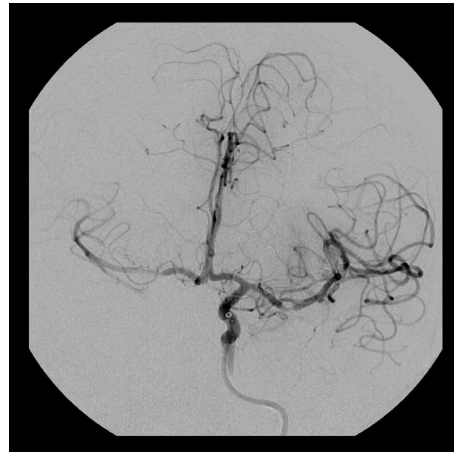
Diffusion-MR the day
after the procedure
showing minor infarct

Before:
Blocked M1
Hemiplegia & Aphasia at Onset



DSA (AP) BEFORE
recanalization attempt
with NeVa

After:
Near Complete Recannalization
and Resolution of Symptoms



DSA (AP) AFTER first
pass with NeVa: TIC1 2C

Clinical success

Since the patient had presented very early after the onset of symptoms and hardly had any ischemic core on his CT, an excellent recovery was possible with no symptoms at 24 hours.

At VESALIO, we feel blessed to be part of the stroke field where together with these dedicated physicians, we can make an incredible impact on people's lives.

Thank you Jena!