

INITIAL EXPERIENCE WITH THE NEW NEVA™ 3 AND 5 DROP ZONE DEVICES IN LVO ISCHEMIC STROKE

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Initial evaluation of the newly launched NeVa 3 and 5 Drop Zone Devices - 4.5 x 29 mm with 3 DZs and 4.5 x 44 mm with 5 DZs - in 5 large vessel occlusion cases.

Baseline Information

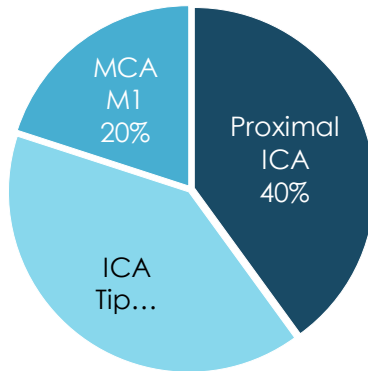
Average age:
76.8

Gender:
80% Male

Mean NIHSS at admission: **17.6**

Occlusion Site:
60% L / 40% R

Tandem Occlusions:
40%



Treatment Information

IV-tPA: not used

BGC used in all cases (Cello 9Fr)

Local aspiration used in all cases (REACT, SOFIA Plus, JED D, ACE)

2 cases required stenting after final recanalization

Various .021, .025 or .027 microcatheters were used to deliver the NeVa devices

First Pass Success: 60%

TICI 2B in 1, TICI 2C in 1, TICI 3 in 1 patient

Final Recanalization Success: 100%

TICI 2B in 1, TICI 2C in 3, TICI 3 in 1 patient

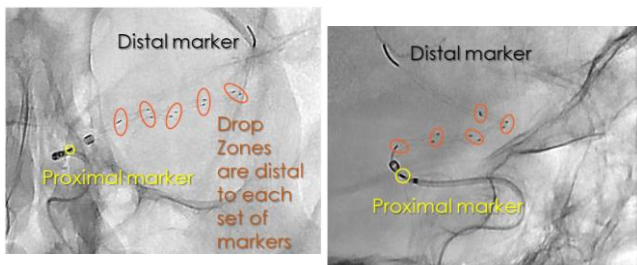
Mean NIHSS at discharge: 12.6

- **Mean number of passes to achieve final recanalization:** 2, despite 40% of cases being tandem occlusions
- 1 **rescue pass** was done with a smaller diameter device for a distal M2/M3 occlusion
- In the 7 passes where the NeVa device was used, **clot was observed at every pass** and was completely incorporated in the basket in 5 out of 7 passes

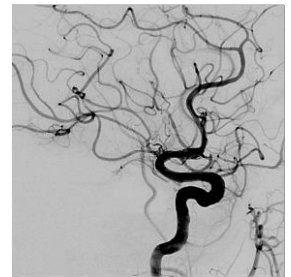
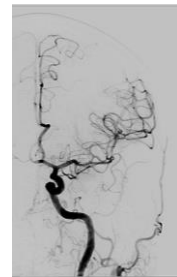
81 y-old male patient, Left ICA Tip Occlusion

Access Set Up:
Cello 9F, JET D aspiration, Phenom 27, Traxcess 14

NeVa 4.5 x 44 mm deployment & retrieval



First Pass
TICI 2C
Recan



Several pieces of clot retrieved in
NeVa 4.5 x 44 mm



Conclusion NeVa 3 and 5 Drop Zone devices were efficient and gave high rates of first pass success in our initial series. Positioning is easier with the new sizes and added Drop Zones are a welcome development on the existing concept.