



Mechanical thrombectomy with a novel stent retriever with multifunctional zones: Initial Clinical Experience with the NeVa™ thrombectomy device

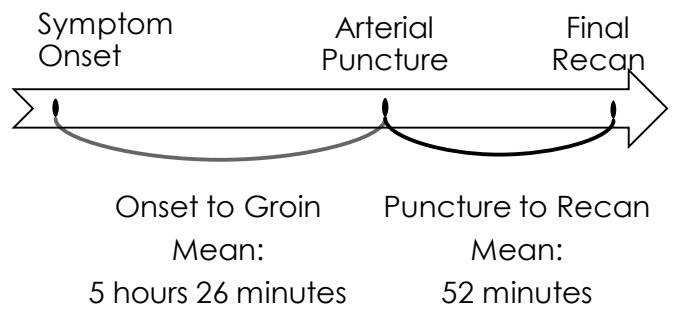
M. RIBO, J. MACHO, J. ZAMARRO, P. MACHI, D. HERNANDEZ, J. BLASCO, A. TOMASELLO

First in Man study: retrospective analysis of the first 30 consecutive patients treated with the NeVa™ device as first line therapy in 4 centers (Clinic Barcelona, Vall d'Hebron Hospital, Murcia Hospital, University Hospital of Geneva)

Baseline Information – 30 Patients

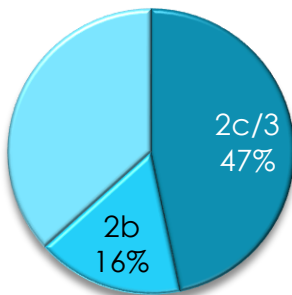
Mean Age:	72
Mean NIHSS at admission:	16
ASPECTS:	> 5
IV Thrombolysis:	40%
Occlusion site:	
3% Basilar	
53% Left	} 10% Extra-cranial 23% ICA T 54% M1 10% M2
44% Right	

Workflow Information



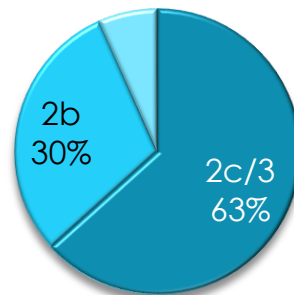
First Pass TICI Scores with NeVa

TICI 2C/3	14/30	47%
TICI 2B+	19/30	63%



Final TICI Scores with NeVa

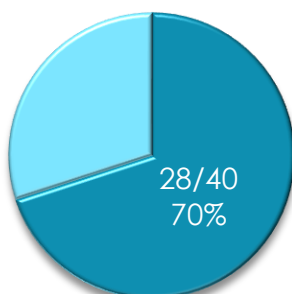
TICI 2C/3	19/30	63%
TICI 2B+	28/30	93%



Average # of passes for final recan → 1.7

Discussion

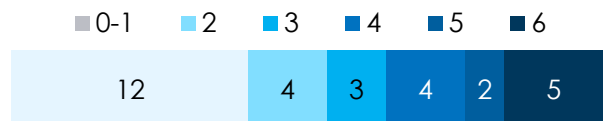
In the 40 passes where the info was available: 70% clot incorporation into device basket



NeVa was effective with both balloon guide and local aspiration strategies

Patient Outcomes

Mean NIHSS @ 24hr:	7
90 day mRS < 2 :	53%



Zero NeVa related adverse events & sICH

Conclusion

- NeVa has high 1st pass success
- Good safety profile
- Favorable outcomes

