

THROMBECTOMY AVAILABILITY – STRATEGIES TO OVERCOME LACK OF AVAILABILITY

Vanessa Carvalho

Portugal





CONFLICTS OF INTEREST

Speaking fees from Bial

- Member of the Young Neurologists Subgroup of the Education Committee of the WFN.
- Member of the Resident and Research Fellow Section of the EAN working group on EVT availability.
- Not a vascular neurologist!

LECTURE GOALS

- To discuss the morbidity and mortality of stroke and specially of large vessel occlusion (LVO).
- To discuss the relevance of mechanical thrombectomy (MT) of in the treatment of LVO.
- To discuss the heterogeneity of MT access across the world.
- To discuss how to improve access in underserved areas, specially in low resource regions.

KEY MESSAGES

- Stroke is a major cause of mortality and morbidity worldwide.
- Mechanical thrombectomy(MT) is currently a first-line treatment.
- There is a huge heterogeneity of access to MT worldwide, even in high resources regions.
- This is a Young Neurologists issue's, regardless of our main field of specialization.

BIBLIOGRAPHY

- 1. Feigin VL, Roth GA, Naghavi M, et al. Global burden of stroke and risk factors in 188 countries, during 1990-2013: a systematic analysis for the Global Burden of Disease Study 2013. *Lancet Neurol*. 2016;15(9):913-924. doi:10.1016/S1474-4422(16)30073-4
- 2. Asif KS, Otite FO, Desai SM, et al. Mechanical Thrombectomy Global Access For Stroke (MT-GLASS): A Mission Thrombectomy (MT-2020 Plus) Study [published correction appears in Circulation. 2023 Apr 18;147(16):e716]. *Circulation*. 2023;147(16):1208-1220. doi:10.1161/CIRCULATIONAHA.122.063366
- 3. Yeghiazaryan N, Isahakyan A, Zubalova L, et al. Stroke care in Armenia: Recent developments. Eur Stroke J. 2023;8(1 Suppl):28-34. doi:10.1177/23969873221108739
- 4. Tsang ACO, Yang IH, Orru E, et al. Overview of endovascular thrombectomy accessibility gap for acute ischemic stroke in Asia: A multi-national survey. *Int J Stroke*. 2020;15(5):516-520. doi:10.1177/1747493019881345
- 5. Schreier DR, Di Lorenzo F, Iodice F, Shribman S; RRFS National Representatives Network. Do you want to perform endovascular therapy? Perspectives from neurology trainees across Europe. *Eur J Neurol*. 2020;27(12):2646-2650. doi:10.1111/ene.14519