

The lancet 2024



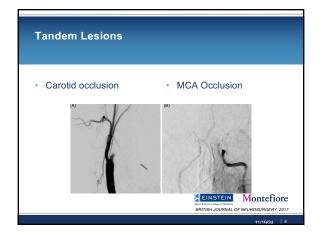
- · Patient selection?
- The lack of advanced imaging??
- · Technically are we still a generation away???

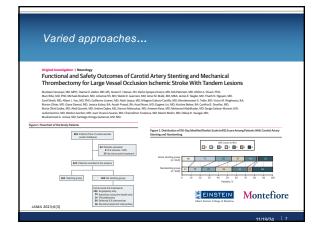
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Poor efficiency????

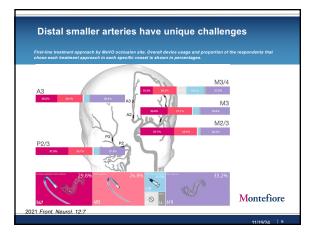
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## Adjunctive Therapies are the Next Generation

- Neuroprotective agents act by slowing or freezing infarct growth, antiapoptosis, anti-inflammatory effect, antioxidation, stimulating collateral flow, protecting the microcirculation, limiting hemorrhagic conversion of ischemic infarction, and limiting cerebral edema
- Example: Nerinetide is a peptide molecule that inhibits excitotoxic glutamate signalling via disruption of the synaptic folding protein PSD-95

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## The Other Holy Grail<br/>Intracranial atherosclerotic disease LCDIntracranial atherosclerotic disease LCD)-related<br/>LO accounts for 10–65% of LVO stroke, and is<br/>more frequent in people with Asian, Hispanic, or<br/>Black ethnicitiesThe presence of underlying ICAD is<br/>associated both with a greater than 3-fold ris<br/>of re-occlusion and with procedural<br/>chalenges due to vessel wall disruptionColspan="2">Colspan="2"Colspan="2">Colspan="2"</



## Conclusions Thank you • Next generation combined/efficient devices • Abrook@Montefiore.org • Direct Carotid access and closure • Abrook@Montefiore.org • Robots • Protective agents • Rehabilitation • Advanced imaging

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