Final Result

Combined Use of Contact Aspiration and the Stent Retriever Technique Versus Stent Retriever Alone for Recanalisation in Acute Cerebral Infarction (ASTER2 Combined)

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On behalf of the ASTER2 Trial Investigators.
Study Objective

What technique should I choose in frontline strategy

**Combined CA+SR or Stent Retriever**

to achieve **maximum reperfusion**?

ClinicalTrials.gov Identifier: NCT03290885
Primary Outcome
Core Lab assessed reperfusion outcomes

Post-Procedure (all treatments)

<table>
<thead>
<tr>
<th>Frontline Treatment</th>
<th>TICI 2c/3 % Patients</th>
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<tbody>
<tr>
<td>Combined CA+SR</td>
<td>131 (64.5%)</td>
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<tr>
<td>STENT RETRIEVER</td>
<td>117 (57.9%)</td>
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P value = 0.17
ASTER2 Trial Take Away

• First independent large RCT focusing on combined CA+SR technique with blinded assessment data

• ASTER2 trial shows no statistical difference between combined and stent retriever as a frontline thrombectomy approach

• Whatever the strategy, choose the one you trust!

• What’s next? Clot-based endovascular Strategy
  • Location (ICA terminus)
  • Clot types
Study Organization

**Non Invasive Imaging Core Lab**
- Marie Tisserand
- Sébastien Soize
- Pascal Roux
- Charlotte Rosso

**Invasive Core Lab**
- Olivier Heck
- Florence Tahon

**Methodology and Biostatistics**
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- Julien Labreuche
- Lynda Djemmane
- Florence Duflot

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- JC Gentic
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- Research Staff