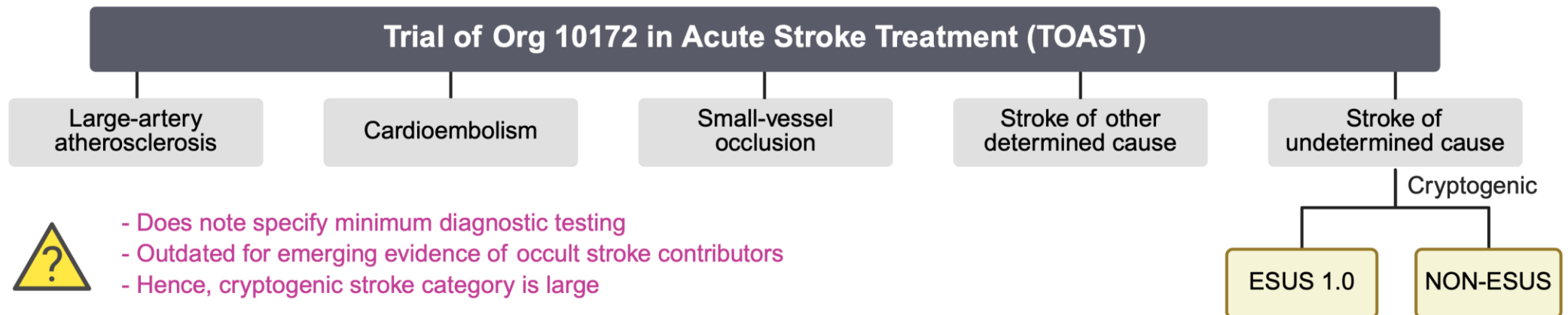


## The Critical Role of Etiologic Investigation in Acute Ischemic Stroke

### Acute Ischemic Stroke: A Heterogeneous Syndrome

- Ischemic stroke - not a single disease entity, but a final common pathway of diverse vascular pathologies.
- Similar clinical syndromes can arise from distinct mechanisms, with different treatment implications and prognosis.
- Etiologic determination is often challenged by incomplete data and multiple, coexisting potential causes.

### TOAST Classification: widely used due to its simplicity but outdated



### ISPS25 - Proposed Ischemic Stroke Phenotyping System 2025

- Modernizes etiologic classification: incorporating current diagnostic technologies, addressing new mechanisms.
- Introduces a structured first-pass and second-pass workup, narrows “undetermined” category.

