European Stroke Organisation (ESO) guidelines on intravenous thrombolysis for acute ischaemic stroke.

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European Stroke Organisation (ESO)

Berge E, Whiteley W, Audebert H, et al. European Stroke Organisation (ESO) guidelines on intravenous thrombolysis for acute ischaemic stroke. Eur Stroke J. 2021 Mar;6(1):I-LXII. [240 references] *PubMed*

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Overview

Guideline Objective

To assist physicians in their clinical decisions with regard to intravenous thrombolysis (IVT) for acute ischaemic stroke

Patient Population

Patients with acute ischaemic stroke

Recommendations

Recommendation Statements

Major interventions covered in this guideline include:

- Guidance on treatment options based on duration after onset, including alteplase with and without the use of advanced imaging, tenecteplase, and adjunctive therapies (i.e., antithrombotic agents, ultrasound)
- Guidance on specific populations, including older adults, multimorbidity or co-existing conditions, frailty or prior disability, minor and severe stroke, high blood pressure, and high blood glucose
- Use of antithrombotic drugs prior to stroke and guidance on risk factors for bleeding

Note: Full recommendation statements have not been provided because this guideline does not meet EGT's systematic review of the evidence criteria. Refer to the original guideline for more information; and refer to the 2022 European Stroke Organisation – European Society for Minimally Invasive Neurological Therapy Expedited Recommendation on Indication for Intravenous Thrombolysis before Mechanical Thrombectomy in Patients with Acute Ischaemic Stroke and Anterior Circulation Large Vessel Occlusion for an updated expert consensus statement on IVT before mechanical thrombectomy (MT) in patients who wake up with stroke symptoms.

Evidence Rating Scheme

Refer to the original guideline documentation for more information.

Recommendation Rating Scheme

Refer to the original guideline documentation for more information.

Related Content

Supporting Documents

- Supplemental Material.
- Thrombolysis for Acute Ischaemic Stroke (Review); 2014 Jul 29.

Implementation Tools

No implementation tools available.

Patient Education

No patient education materials available.

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