



American Stroke Association.
A division of the American Heart Association.

Together to End Stroke®

Stroke Urban Transport Recommendations

LVO Stroke Suspected?

NO

YES

Transport to closest stroke center.

*Primary Stroke Center (PSC) or
Acute Stroke Ready Hospital (ASRH)*

**CSC within 30 minutes
max transport time?**

NO

YES

Transport to TSC.
If no TSC is available,
transport to nearest
PSC or ASRH.

**Transport
to CSC**



— Stroke Urban Transport Recommendations —

Endorsed by the AAN, AHA/ASA, ASNR, NAEMSP, NASEMSO, NCS, SNIS, and SVIN.

ADDITIONAL RECOMMENDATIONS:

- » EMS agencies should implement simplified and actionable destination plans that prioritize Comprehensive Stroke Centers (CSCs) over other nearby centers for patients with suspected large vessel occlusion (LVO) within 24 hours of last known well.
- » Urban communities that have limited healthcare resources and no Thrombectomy-capable Stroke Centers (TSCs) or CSCs within 45 minutes of the majority of scene departures should consider adopting the recommendations for suburban communities.
- » Urban areas are often served by multiple EMS agencies and vehicles, including Mobile Stroke Units, so integration of all these service into a cohesive Stroke System of Care (SSOC) is essential.
- » Urban tertiary care facilities within a SSOC should serve as a source for exporting best practice, assist referring hospitals with in-house and transfer protocols, and provide overall continuing education opportunities for regional partners.