

# DNV Layer Measures

The measures and the bundle listed below are provided to GWTC-Stroke sites that opt-in to the DNV Layer. These measures are developed and implemented by DNV according to DNV stroke center certification program requirements. Please direct any questions related to these measures or requirements to the DNV.

- QM.7-CR.2a: Door to ED Provider within 10 minutes
- QM.7-CR.2b: Door to Stroke Team Arrival within 15 minutes
- QM.7-CR.2c: Door to CT Results Reported within 45 minutes
- QM.7-CR.2d: Lab Results Completed within 45 minutes of Initial Order
- QM.7-CR.2e: Telestroke Consultation Request to Connected Contact within 20 minutes
- QM.7-CR.2f45: Door to Needle within 45 minutes
- QM.7-CR.2f60: Door to Needle within 60 minutes
- QM.7-CR.2g: Transfer to Higher-Level Stroke Center within 2 Hours of ED Arrival
- QM.7-CR.3a: Venous Thromboembolism Prevention (VTE)
- QM.7-CR.3b: Discharged on Antithrombotic Therapy
- QM.7-CR.3c: Anticoagulation Therapy for Atrial Fibrillation
- QM.7-CR.3d: Thrombolytic Therapy
- QM.7-CR.3e: Antithrombotic Therapy by End of Day 2
- QM.7-CR.3f: Discharged on Statin Medication
- QM.7-CR.3g: Dysphagia Screen
- QM.7-CR.3h: Stroke Education (Patient and Family)
- QM.7-CR.3i: Assessed for Rehabilitation
- QM.7-CR.4a Assessment and Identification of Impairments within 24 Hours of Admission
- QM.7-CR.6a: Pre-Morbid mRS
- QM.7-CR.6b: Modified Rankin Score at Discharge
- QM.7-CR.7a: Interventional Mortality Rate by Procedure Type
- QM.9-CR.1: NIHSS Score Documented
- QM.9-CR.7: Thrombolytic and Endovascular Therapy Complications
- QM.9-CR.9: 90-Day mRS for IVT or EVT Patients
- QM.9-CR.12: Baseline Severity Measurement for Hemorrhagic Stroke Patients
- QM.9-CR.12a: Baseline Severity Score for SAH Patients
- QM.9-CR.12b: Baseline Severity Score for ICH Patients
- QM.9-CR.15: Nimodipine Treatment within 24 Hours and Continued
- MR.4-CR.2: Reasons for No IV Thrombolytic
- MR.4-CR.3: Endovascular Intervention for Eligible Patients with Ischemic Stroke

# DNV Advanced Layer Measures

The measures and the bundle listed below are provided to GWTG-Stroke sites that opt-in to the DNV Advanced Layer. These measures are developed and implemented by DNV according to DNV stroke center certification program requirements. Please direct any questions related to these measures or requirements to the DNV.

- QM.9-CR.6a: Median Time from Hospital Arrival to Skin Puncture – Transfer In
- QM.9-CR.6b: Median Time from Hospital Arrival to Skin Puncture – Direct Presenters or Mode of Arrival ND
- QM.9-CR.18: Complication Rates for Aneurysm Endovascular and/or Surgical Treatment
- QM.9-CR.18a: Complication Rates for Unruptured Brain Aneurysms Undergoing Endovascular Treatment
- QM.9-CR.18b: Complication Rates for Ruptured Brain Aneurysm Undergoing Endovascular Treatment
- QM.9-CR.18c: Complication Rates for Unruptured Brain Aneurysms Undergoing Surgical Treatment
- QM.9-CR.18d: Complication Rates for Ruptured Brain Aneurysms Undergoing Surgical Treatment
- QM.9-CR.20: Surgical or Endovascular Treatment of an AVM with Stroke or Death
- QM.9-CR.24: Ventriculitis from External Ventricular Drain (EVD)
- QM.9-CR.27: Rate of Substantial Reperfusion
- QM.9-CR.28: Door to Recanalization/Reperfusion (DTRp) within 120 minutes
- QM.9-CR.29: Skin Puncture to Recanalization / Reperfusion (DTRp) within 60 minutes