



**QUALITY OF STROKE CARE IN CANADA
KEY QUALITY INDICATORS
FOR ACUTE STROKE MANAGEMENT
7TH EDITION**

Update 2022

*Canadian Stroke Best Practices
Health Systems Quality Advisory Committee*

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Summary Table of Target Times in Early Acute Stroke Management

FIGURE ONE: TARGET PROCESS TIMES FOR PATIENTS ARRIVING DIRECTLY TO A COMPREHENSIVE STROKE CENTRE

Indicator	Current target time interval
Symptom onset to arrival at comprehensive stroke centre	As soon as possible, < 4.5 hours
Emergency department (ED) arrival to first brain imaging.	Median time 15 minutes; 90 th Percentile 30 min
Arrival ED to start of IV thrombolysis	Median < 30 min
ED Arrival to start endovascular thrombectomy (EVT)	Median < 60 min
Qualifying diagnostic imaging to EVT <i>(‘qualifying’ is the imaging that is used for decision making regarding proceeding with EVT – whether the first imaging or a repeated imaging)</i>	Median < 45 min
Arrival at ED to establishing final reperfusion with EVT	Median < 90 min

FIGURE 2: TARGET PROCESS TIMES FOR PATIENTS ARRIVING FIRST TO PRIMARY/DISTRICT/ADVANCED STROKE CENTRE THEN TRANSFERRED TO COMPREHENSIVE STROKE CENTRE

Note, the target times below are specific to people arrive first at a primary, district, or advanced stroke hospital within 24 hours of stroke symptom onset, who are then transferred to a comprehensive stroke centre.

Indicator	Current target time interval
Symptom onset to arrival at first hospital (<i>primary, district, or advanced stroke hospital</i>)	As soon as possible; < 4.5 hours
Emergency department (ED) arrival to first brain imaging.	Median time 15 minutes; 90 th Percentile 30 min
Arrival ED to start of IV thrombolysis	Median < 30 min
ED arrival at first hospital to ED departure from first hospital enroute to EVT enabled hospital (Door In-Door Out time; DIDO)	Shortest time possible. Target median < 45 minutes
ED Arrival at comprehensive stroke centre to start EVT – arterial puncture	Median < 60 min
Qualifying diagnostic imaging to EVT	Median < 45 min
Arrival to comprehensive stroke centre ED to final reperfusion	Median < 90 min

FIGURE 1: TARGET PROCESS TIMES (MEDIAN) FOR PATIENTS ARRIVING DIRECTLY TO COMPREHENSIVE STROKE CENTRE

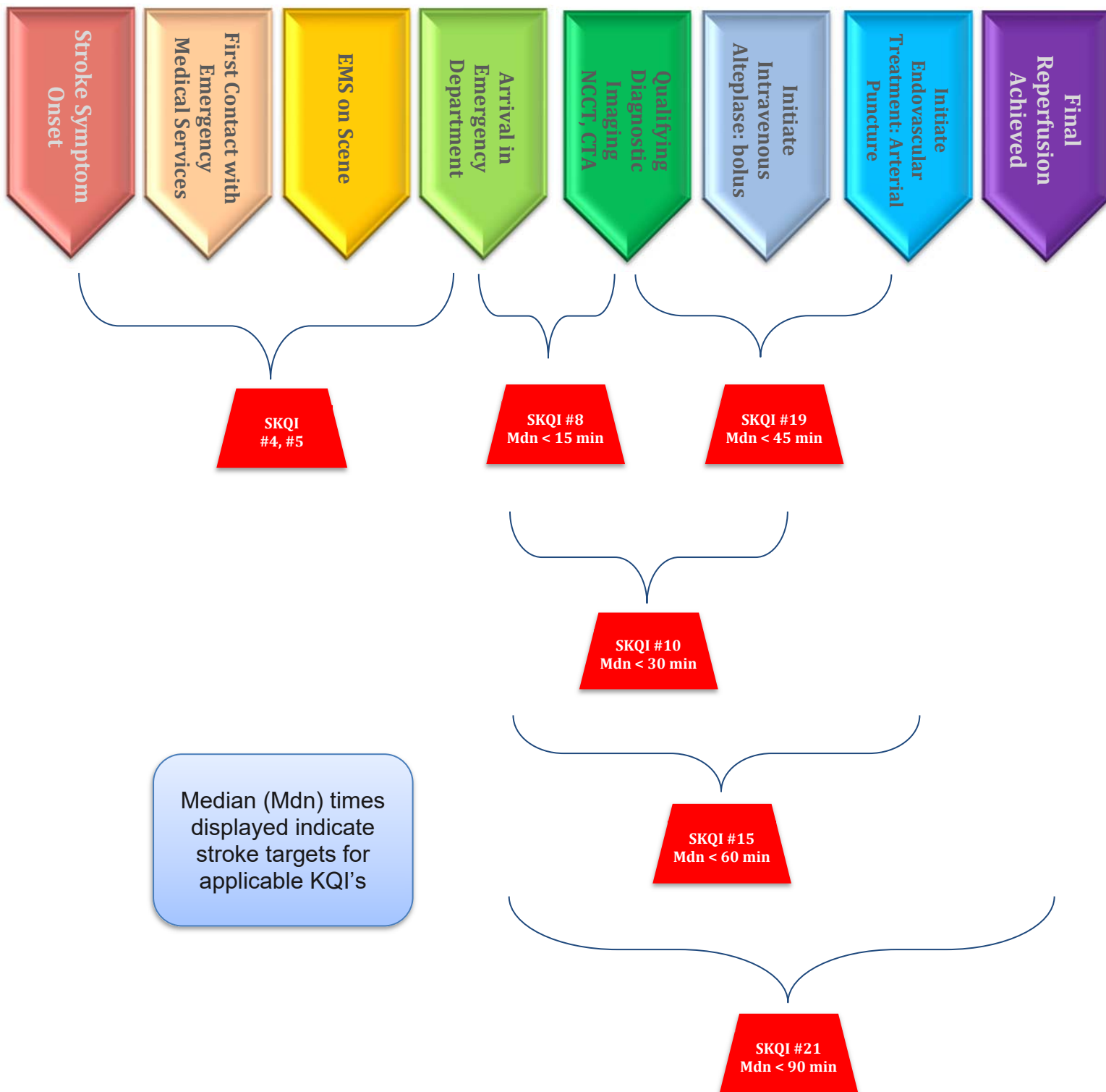


FIGURE 2: TARGET PROCESS TIMES (MEDIAN) FOR PATIENTS ARRIVING FIRST TO PRIMARY/DISTRICT/ADVANCED STROKE CENTRE THEN TRANSFERRED TO COMPREHENSIVE STROKE CENTRE

