EMS Region II Stroke Point of Entry Plan (S-PEP)

- Following the applicable Massachusetts Statewide Treatment Protocol for Stroke (adult or pediatric), establish a diagnosis of possible stroke based on **FAST-ED Stroke Scale**.
- Establish **time of onset** of stroke symptoms and **last time seen at baseline** (Last Known Well, LKW).

If stroke symptoms are present and **time from onset of symptoms to hospital arrival will be ≤ 4 hours**

- Transport patient to nearest appropriate Massachusetts Department of Public Health (DPH)-designated stroke care hospital or satellite-emergency facility* **OR**
- Only If determined in consultation with real-time on-line medical control (OLMC), a Massachusetts Department of Public Health (DPH) designated endovascular capable hospital**
- Notify receiving facility as early as possible by requesting a **Stroke Alert** through **Worcester CMED**

Factors for OLMC to consider include patient status and goals of care, whether patient is anticoagulated, and any information known regarding local stroke care services.

If the patient has a **FAST-ED score of 6 or greater**, and **time from onset of symptoms to hospital arrival will be 4 to 24 hours**

- Transport to the nearest **DPH-designated endovascular-capable hospital****, if the hospital is no more than 30 minutes **additional** travel time. Otherwise, go to nearest DPH-designated stroke care hospital or satellite emergency facility.
- Notify receiving facility as early as possible by requesting a **Stroke Alert** through **Worcester CMED**

	Hospital/SEF Name	Location by Town	DPH Tier
*	Athol Memorial Hospital	Athol	Acute Stroke Ready Service
*	Health Alliance-Clinton, Clinton Campus	Clinton	Acute Stroke Ready Service
*	Health Alliance-Clinton, Leominster Campus	Leominster	Acute Stroke Ready Service
*	Heywood Hospital	Gardner	Acute Stroke Ready Service
*	UMass Memorial Health - Harrington at Webster	Webster	Acute Stroke Ready Service
*	UMass Memorial Health - Harrington Hospital	Southbridge	Acute Stroke Ready Service
*	UMass Memorial Health/Memorial Campus	Worcester	Acute Stroke Ready Service
*	St Vincent Hospital	Worcester	Primary Stroke Service
*	UMass Memorial Health-Milford Regional Medical Center	Milford	Primary Stroke Service
**	UMass Memorial Medical Center/University Campus	Worcester	Endovascular Capable Stroke Service
***	Out-of-state hospitals may be considered based on travel time and their current stroke service accreditation.		

Determining most appropriate transport:

- If patient has depressed level of consciousness, compromised airway control, known hypoglycemia, suspected severe hypoglycemia (diaphoretic and a known diabetic), or is hemodynamically unstable, it may be more appropriate to transport to nearest receiving hospital for acute stabilization.
- If CT Scan capability is *unavailable* at the nearest designated stroke care hospital or satellite emergency facility, the patient should be transported to the next nearest appropriate hospital in accordance with boxes above.
- **Consider Air Medical Transport for extended travel times.**