

Date: July 29, 2015

To: All Hartford Hospital Sponsored EMS Services

From: David Bailey, BS, NREMT-P, EMS-I
EMS Coordinator



Lauri Bolton, MD
Interim Medical Director of Ground EMS

Re: Epinephrine Intramuscular Injection

When administering epinephrine via intramuscular route, providers are to utilize the large muscle of the lateral thigh (*vastus lateralis*). Clothing may be removed to gain access to the thigh or the injection may be administered directly through clothing if necessary.

Epinephrine should not be administered into the deltoid muscle except in highly unusual circumstances when the thigh is physically inaccessible (other than by clothing). This is due to the more rapid absorption of epinephrine when administered into the thigh versus the deltoid.

Epinephrine auto-injectors are only approved for administration into the lateral thigh.