



Advisory 24-03 Extracorporeal Cardiac Life Support (ECLS) Updates

To: All EMS Agencies and Providers
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Consistent with evolving experience, the [MLREMS Prehospital ECLS Algorithm](#) has been updated to reflect changes in age eligibility, the expectation of vector change defibrillation, and clarification of when to contact medical control.

Patients with persistent VF/VT may, at the discretion of the treating practitioner, be considered for transport to the Strong Memorial Hospital Emergency Department (SMH ED) or Rochester General Hospital Emergency Department (RGH ED) for consideration of ECLS if it is the most appropriate destination, mechanical CPR can be provided throughout, and the patient meets all eligibility criteria outlined in the attached algorithm. This ECLS algorithm and the care guidelines within, including suspending epinephrine after 3 doses and limiting amiodarone to 300 mg, are standing order for patients being transported to the SMH or RGH ED.

A short training on this algorithm, including how to efficiently perform vector change defibrillation, can be found at <https://youtu.be/Qy-p6hYLK0Y>.

Additional resources available to complement agency training include:

[MLREMS Policy on Automated Compression Devices](#)

[Training Video on Application of LUCAS Device](#)

With any questions, please do not hesitate to contact this office.

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