

## **Post Licensure Paramedic Skills (PLS): External Cardiac Support Devices**

*Percutaneous Ventricular Assist Devices (left, right or biventricular), Extra Corporeal Membrane Oxygenation (ECMO) devices, etc.*

Only EMS agencies approved by the Office of EMS and Trauma for this PLS and only Paramedics trained, approved and credentialed by the approved agency may utilize this post licensure skill.

Approval includes:

1. EMS Agency application: **EMS Agency – Apply for Post Licensure Paramedic Skill(s)**
2. Education Request submitted for the agency for each post licensure skill requested.

**Protocol for Each Device** (At minimum must be included):

- Must be signed and dated by Medical Director
- Must include statement that only Paramedics trained, approved, and credentialed by agency and MD in this post licensure skill can utilize protocol Indications and Contraindications
- Transfer of Patient Procedure(s):
  - Prior to transport of patient
  - During transport
  - At receiving destination
- Patient evaluation procedures throughout transport
- Materials/equipment needed for transport
- Complications and management
- Equipment malfunction/power failure management
- Documentation requirements

**Education Request must include:**

Documents that must be uploaded: Curriculum (PowerPoints, handouts, etc.), Outline, Agenda, Skills Verification checklist, any tests being administered.

- A&P and Pathophysiology review
- General Pharmacology Review:
  - General Pharmacology/Agency Specific Pharmacology/any other Pharmacology that the medic may be directed to use by transferring facility to include dosing, adverse effects, contraindications, etc.
- Indications for Use for each device/treatment requested
- Contraindications
- Individual equipment components for each device/treatment
- Management for each device/treatment requested
- Troubleshooting for each device requested
- Preparation for transfer, patient transport, and patient assessment procedures (Agency specific)
- Documentation:
  - Agency Specific requirements
  - Data that must be recorded (must be NEMSIS data elements)
- Clinical Scenarios and Skills verification checklist

**For PLS renewals:**

- An agency application must be submitted, and MD sign off.
- Submission of Education request for agency:
  - Two (2) Education Request must be submitted if the initial education and the continued competency verification will be different for the Paramedic:
    - An Education Request for education for Paramedics acquiring initial PLS designation.
    - An Education Request for Paramedics who are already PLS designated for annual competency education.
      - This can be agency specific but must include at minimum, hands on skills verification.