

## **Post Licensure Paramedic Skills (PLS): Intra Arterial Balloon Pumps (IABP)**

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** (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
- Contraindications
- IABP Components
- Placement, confirmation, and waveforms
- IABP Management
  - Timing
  - Trigger
- Alarm types and Troubleshooting Alarms
- 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.