

ADVANCED LIFE SUPPORT

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Critical Care Endorsement

Section

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20:61:02:01. Definitions. Words defined in SDCL chapter 36-4B have the same meaning when used in this article.

Source:

General Authority:. SDCL 36-4B-35

Law Implemented: SDCL 36-4B-1; 36-4B-18.1; 36-4B-35

20:61:02:02. Educational requirements and training for a critical care endorsement. For the purposes of issuing the critical care endorsement as provided for in SDCL 36-4B-18 to any critical care paramedic or flight paramedic the board may approve a program of study or course of study in critical care that meets the following criteria:

- (1) Education focused on the knowledge level for paramedics who will be working in a critical care environment providing patient care in the pre-hospital, inter-hospital, and hospital settings; and
- (2) A course of study that includes the following objectives:
 - (a) Critical care transport methods and safety;
 - (b) Assessing and packaging a critically ill patient for safe transport;
 - (c) Demonstration of skill competencies while performing surgical and needle cricothyrotomy, chest tube insertion, pericardiocentesis, central venous access, ultrasound FAST exams and intraosseous access;
 - (d) Interpret and analyze diagnostic laboratory and x-ray results;

(e) Identify and manage common critical care medications including:

(i) Blood and blood products;

(ii) Antibiotic;

(iii) Anticoagulants;

(iv) Antiepileptic;

(v) Immunological;

(vi) Vasoactive; and

(vii) Fibrinolytic pharmaceutical agents found in the critical care environment;

(f) Interpret invasive and noninvasive hemodynamic pressures waveforms and values;

(g) Maintain patients on an intra-aorta balloon pump and left ventricular assist device in a transport setting;

(h) Comprehend the purpose and maintenance of chest tubes, central lines, intravenous pumps, medication pumps, hemodynamic monitoring devices and equipment;

(i) Recognize proper mechanical ventilator settings, modes, and parameters;

(j) Apply a ventilator with proper settings; and

(k) Assess and manage common critical care conditions in all patient populations including adult, pediatric, OB/GYN, neonatal, and other special populations.

Source:

General Authority: SDCL 36-4B-35.

Law Implemented: SDCL 36-4B-18.1; 36-4B-35

20:61:02:03. Conditions for issuance of a critical care endorsement.

(1) The course of study or program shall be either an in-person or blended course. A blended course is defined as a combination of online and in-person instructor facilitated lectures. A minimum of 22 hours of in person instruction is required. Courses held entirely online or by other distance learning will not satisfy this requirement.

(2) There must be a written examination component to prove competency at the conclusion of the course of study program.

(3) The paramedic shall provide proof of successful completion of a board approved course of study program in critical care or flight paramedics.

Source:

General Authority: SDCL 36-4B-35.

Law Implemented: SDCL 36-4B-18.1; 36-4B-35