

1 10A NCAC 13P .0901 is readopted with changes as published in 30:24 NCR, pp. 2558-2606, as follows:

2
3 **10A NCAC 13P .0901 ~~LEVEL I~~ TRAUMA CENTER CRITERIA**

4 To receive designation as a ~~Level I~~ Level I, Level II, or Level III Trauma Center, a hospital ~~shall have the~~
5 ~~following~~ shall:

- 6 (1) ~~A~~ have a trauma program and a trauma service that have been operational for at least 12
7 months prior to application for designation;
- 8 (2) ~~Membership at least 12 months prior to submitting a RFP, have membership~~ in and
9 inclusion of all trauma patient records in the North Carolina Trauma ~~Registry for at least~~
10 ~~12 months prior to submitting a Request for Proposal; Registry, in accordance with the~~
11 North Carolina Trauma Registry Data Dictionary incorporated by reference including
12 subsequent amendments and editions. This document is available [upon request by
13 contacting the OEMS at 2707 Mail Service Center, Raleigh, NC 27699 2707;] from the
14 OEMS online at www.ncdhhs.gov/dhsr/EMS/trauma/traumaregistry.html at no cost;
- 15 (3) ~~meet the verification criteria for designation as a Level I, Level II, or Level III Trauma~~
16 Center, as defined in the "American College of Surgeons: Resources for Optimal Care of
17 the Injured [Patient²³] Patient," which is hereby incorporated by [reference] reference,
18 including subsequent amendments and editions. This document can be downloaded at no
19 cost online at www.facs.org; and
- 20 (4) ~~meet all requirements of the designation [Level] level applied for initial designation set~~
21 forth in Rule .0904 of this Section or for renewal designation set forth in Rule .0905 of
22 this Section.
- 23 (3) ~~A trauma medical director who is a board certified general surgeon. The trauma medical~~
24 ~~director must:~~
- 25 (a) ~~Have a minimum of three years clinical experience on a trauma service or~~
26 ~~trauma fellowship training;~~
- 27 (b) ~~Serve on the center's trauma service;~~
- 28 (c) ~~Participate in providing care to patients with life threatening or urgent injuries;~~
- 29 (d) ~~Participate in the North Carolina Chapter of the ACS Committee on Trauma as~~
30 ~~well as other regional and national trauma organizations;~~
- 31 (e) ~~Remain a provider in the ACS' ATLS Course and in the provision of trauma-~~
32 ~~related instruction to other health care personnel; and~~
- 33 (f) ~~Be involved with trauma research and the publication of results and~~
34 ~~presentations;~~
- 35 (4) ~~A full time TNC/TPM who is a registered nurse, licensed by the North Carolina Board of~~
36 ~~Nursing;~~

- 1 ~~(5) — A full time TR who has a working knowledge of medical terminology, is able to operate~~
2 ~~a personal computer, and has the ability to extract data from the medical record;~~
- 3 ~~(6) — A hospital department/division/section for general surgery, neurological surgery,~~
4 ~~emergency medicine, anesthesiology, and orthopaedic surgery, with designated chair or~~
5 ~~physician liaison to the trauma program for each;~~
- 6 ~~(7) — Clinical capabilities in general surgery with separate posted call schedules. One shall be~~
7 ~~for trauma, one for general surgery and one back up call schedule for trauma. In those~~
8 ~~instances where a physician may simultaneously be listed on more than one schedule,~~
9 ~~there must be a defined back up surgeon listed on the schedule to allow the trauma~~
10 ~~surgeon to provide care for the trauma patient. If a trauma surgeon is simultaneously on~~
11 ~~call at more than one hospital, there shall be a defined, posted trauma surgery back up~~
12 ~~call schedule composed of surgeons credentialed to serve on the trauma panel;~~
- 13 ~~(8) — A trauma team to provide evaluation and treatment of a trauma patient 24 hours per day~~
14 ~~that includes:~~
- 15 ~~(a) — An in-house trauma attending or PGY4 or senior general surgical resident. The~~
16 ~~trauma attending participates in therapeutic decisions and is present at all~~
17 ~~operative procedures.~~
- 18 ~~(b) — An emergency physician who is present in the Emergency Department 24 hours~~
19 ~~per day who is either board certified or prepared in emergency medicine (by the~~
20 ~~American Board of Emergency Medicine or the American Osteopathic Board of~~
21 ~~Emergency Medicine). Emergency physicians caring only for pediatric patients~~
22 ~~may, as an alternative, be boarded or prepared in pediatric emergency medicine.~~
23 ~~Emergency physicians must be board certified within five years after successful~~
24 ~~completion of a residency in emergency medicine and serve as a designated~~
25 ~~member of the trauma team to ensure immediate care for the injured patient until~~
26 ~~the arrival of the trauma surgeon;~~
- 27 ~~(c) — Neurosurgery specialists who are never simultaneously on call at another Level~~
28 ~~II or higher trauma center, who are promptly available, if requested by the~~
29 ~~trauma team leader, unless there is either an in-house attending neurosurgeon, a~~
30 ~~PGY2 or higher in-house neurosurgery resident or an in-house trauma surgeon~~
31 ~~or emergency physician as long as the institution can document management~~
32 ~~guidelines and annual continuing medical education for neurosurgical~~
33 ~~emergencies. There must be a specified back up on the call schedule whenever~~
34 ~~the neurosurgeon is simultaneously on call at a hospital other than the trauma~~
35 ~~center;~~
- 36 ~~(d) — Orthopaedic surgery specialists who are never simultaneously on call at another~~
37 ~~Level II or higher trauma center, who are promptly available, if requested by the~~

- 1 trauma team leader, unless there is either an in-house attending orthopaedic
2 surgeon, a PGY2 or higher in-house orthopaedic surgery resident or an in-house
3 trauma surgeon or emergency physician as long as the institution can document
4 management guidelines and annual continuing medical education for
5 orthopaedic emergencies. There must be a specified written back up on the call
6 schedule whenever the orthopaedist is simultaneously on call at a hospital other
7 than the trauma center;
- 8 (e) ~~An in-house anesthesiologist or a CA3 resident as long as an anesthesiologist~~
9 ~~on call is advised and promptly available if requested by the trauma team leader;~~
10 and
- 11 (f) ~~Registered nursing personnel trained in the care of trauma patients;~~
- 12 (9) ~~A written credentialing process established by the Department of Surgery to approve~~
13 ~~mid-level practitioners and attending general surgeons covering the trauma service. The~~
14 ~~surgeons must have board certification in general surgery within five years of completing~~
15 ~~residency;~~
- 16 (10) ~~Neurosurgeons and orthopaedists serving the trauma service who are board certified or~~
17 ~~eligible. Those who are eligible must be board certified within five years after successful~~
18 ~~completion of the residency;~~
- 19 (11) ~~Written protocols relating to trauma management formulated and updated to remain~~
20 ~~current;~~
- 21 (12) ~~Criteria to ensure team activation prior to arrival, and trauma attending arrival within 15~~
22 ~~minutes of the arrival of trauma and burn patients that include the following conditions:~~
- 23 (a) ~~Shock;~~
24 (b) ~~Respiratory distress;~~
25 (c) ~~Airway compromise;~~
26 (d) ~~Unresponsiveness (GSC less than nine) with potential for multiple injuries;~~
27 (e) ~~Gunshot wound to neck, chest or abdomen;~~
28 (f) ~~Patients receiving blood to maintain vital signs; and~~
29 (g) ~~ED physician's decision to activate;~~
- 30 (13) ~~Surgical evaluation, based upon the following criteria, by the trauma attending surgeon~~
31 ~~who is promptly available:~~
- 32 (a) ~~Proximal amputations;~~
33 (b) ~~Burns meeting institutional transfer criteria;~~
34 (c) ~~Vascular compromise;~~
35 (d) ~~Crush to chest or pelvis;~~
36 (e) ~~Two or more proximal long bone fractures; and~~
37 (f) ~~Spinal cord injury.~~

1 A PGY4 or higher surgical resident, a PGY3 or higher emergency medicine resident, a
 2 nurse practitioner or physician's assistant, who is a member of the designated surgical
 3 response team, may initiate the evaluation;

4 ~~(14) Surgical consults for patients with traumatic injuries, at the request of the ED physician,~~
 5 ~~will be conducted by a member of the trauma surgical team. Criteria for the consults~~
 6 ~~include:~~

- 7 ~~(a) Falls greater than 20 feet;~~
- 8 ~~(b) Pedestrian struck by motor vehicle;~~
- 9 ~~(c) Motor vehicle crash with:~~
 - 10 ~~(i) Ejection (includes motorcycle);~~
 - 11 ~~(ii) Rollover;~~
 - 12 ~~(iii) Speed greater than 40 mph; or~~
 - 13 ~~(iv) Death of another individual in the same vehicle; and~~
- 14 ~~(d) Extremes of age, less than five or greater than 70 years.~~

15 A senior surgical resident may initiate the evaluation;

16 ~~(15) Clinical capabilities (promptly available if requested by the trauma team leader, with a~~
 17 ~~posted on call schedule), that include individuals credentialed in the following:~~

- 18 ~~(a) Cardiac surgery;~~
- 19 ~~(b) Critical care;~~
- 20 ~~(c) Hand surgery;~~
- 21 ~~(d) Microvascular/replant surgery, or if service is not available, a transfer agreement~~
 22 ~~must exist;~~
- 23 ~~(e) Neurosurgery (The neurosurgeon must be dedicated to one hospital or a back up~~
 24 ~~call schedule must be available. If fewer than 25 emergency neurosurgical~~
 25 ~~trauma operations are done in a year, and the neurosurgeon is dedicated only to~~
 26 ~~that hospital, then a published back up call list is not necessary);~~
- 27 ~~(f) Obstetrics/gynecologic surgery;~~
- 28 ~~(g) Ophthalmic surgery;~~
- 29 ~~(h) Oral maxillofacial surgery;~~
- 30 ~~(i) Orthopaedics (dedicated to one hospital or a back up call schedule must be~~
 31 ~~available);~~
- 32 ~~(j) Pediatric surgery;~~
- 33 ~~(k) Plastic surgery;~~
- 34 ~~(l) Radiology;~~
- 35 ~~(m) Thoracic surgery; and~~
- 36 ~~(n) Urologic surgery;~~

37 ~~(16) An Emergency Department that has:~~

- 1 ~~(a) — A designated physician director who is board certified or prepared in emergency~~
2 ~~medicine (by the American Board of Emergency Medicine or the American~~
3 ~~Osteopathic Board of Emergency Medicine);~~
- 4 ~~(b) — 24 hour per day staffing by physicians physically present in the ED such that:~~
- 5 ~~(i) — At least one physician on every shift in the ED is either board certified~~
6 ~~or prepared in emergency medicine (by the American Board of~~
7 ~~Emergency Medicine or the American Osteopathic Board of~~
8 ~~Emergency Medicine) to serve as the designated member of the trauma~~
9 ~~team to ensure immediate care until the arrival of the trauma surgeon.~~
10 ~~Emergency physicians caring only for pediatric patients may, as an~~
11 ~~alternative, be boarded in pediatric emergency medicine. All~~
12 ~~emergency physicians must be board certified within five years after~~
13 ~~successful completion of the residency;~~
- 14 ~~(ii) — All remaining emergency physicians, if not board certified or prepared~~
15 ~~in emergency medicine as outlined in Subitem (16)(b)(i) of this Rule,~~
16 ~~are board certified, or eligible by the American Board of Surgery,~~
17 ~~American Board of Family Practice, or American Board of Internal~~
18 ~~Medicine, with each being board certified within five years after~~
19 ~~successful completion of a residency; and~~
- 20 ~~(iii) — All emergency physicians practice emergency medicine as their~~
21 ~~primary specialty.~~
- 22 ~~(c) — Nursing personnel with experience in trauma care who continually monitor the~~
23 ~~trauma patient from hospital arrival to disposition to an intensive care unit,~~
24 ~~operating room, or patient care unit;~~
- 25 ~~(d) — Equipment for patients of all ages to include:~~
- 26 ~~(i) — Airway control and ventilation equipment (laryngoscopes, endotracheal~~
27 ~~tubes, bag mask resuscitators, pocket masks, and oxygen);~~
- 28 ~~(ii) — Pulse oximetry;~~
- 29 ~~(iii) — End tidal carbon dioxide determination equipment;~~
- 30 ~~(iv) — Suction devices;~~
- 31 ~~(v) — Electrocardiograph oscilloscope defibrillator with internal paddles;~~
- 32 ~~(vi) — Apparatus to establish central venous pressure monitoring;~~
- 33 ~~(vii) — Intravenous fluids and administration devices that include large bore~~
34 ~~catheters and intraosseous infusion devices;~~
- 35 ~~(viii) — Sterile surgical sets for airway control/criothyrotomy, thoracotomy,~~
36 ~~vascular access, thoracostomy, peritoneal lavage, and central line~~
37 ~~insertion;~~

- 1 (ix) — Apparatus for gastric decompression;
- 2 (x) — 24 hour per day x ray capability;
- 3 (xi) — Two way communication equipment for communication with the
- 4 emergency transport system;
- 5 (xii) — Skeletal traction devices, including capability for cervical traction;
- 6 (xiii) — Arterial catheters;
- 7 (xiv) — Thermal control equipment for patients;
- 8 (xv) — Thermal control equipment for blood and fluids;
- 9 (xvi) — A rapid infuser system;
- 10 (xvii) — A dosing reference and measurement system to ensure appropriate age
- 11 related medical care;
- 12 (xviii) — Sonography; and
- 13 (xix) — A doppler;
- 14 (17) — An operating suite that is immediately available 24 hours per day and has:
- 15 (a) — 24 hour per day immediate availability of in house staffing;
- 16 (b) — Equipment for patients of all ages that includes:
- 17 (i) — Cardiopulmonary bypass capability;
- 18 (ii) — Thermal control equipment for patients;
- 19 (iii) — Thermal control equipment for blood and fluids;
- 20 (iv) — 24 hour per day x ray capability including c arm image intensifier;
- 21 (v) — Endoscopes and bronchoscopes;
- 22 (vi) — Craniotomy instruments;
- 23 (vii) — The capability of fixation of long bone and pelvic fractures; and
- 24 (viii) — A rapid infuser system;
- 25 (18) — A postanesthetic recovery room or surgical intensive care unit that has:
- 26 (a) — 24 hour per day in house staffing by registered nurses;
- 27 (b) — Equipment for patients of all ages that includes:
- 28 (i) — The capability for resuscitation and continuous monitoring of
- 29 temperature, hemodynamics, and gas exchange;
- 30 (ii) — The capability for continuous monitoring of intracranial pressure;
- 31 (iii) — Pulse oximetry;
- 32 (iv) — End tidal carbon dioxide determination capability;
- 33 (v) — Thermal control equipment for patients; and
- 34 (vi) — Thermal control equipment for blood and fluids;
- 35 (19) — An intensive care unit for trauma patients that has:
- 36 (a) — A designated surgical director for trauma patients;

- 1 (b) ~~— A physician on duty in the intensive care unit 24 hours per day or immediately~~
2 ~~available from within the hospital as long as this physician is not the sole~~
3 ~~physician on call for the Emergency Department;~~
- 4 (e) ~~— Ratio of one nurse per two patients on each shift;~~
- 5 (d) ~~— Equipment for patients of all ages that includes:~~
- 6 (i) ~~— Airway control and ventilation equipment (laryngoscopes, endotracheal~~
7 ~~tubes, bag-mask resuscitators, and pocket masks);~~
- 8 (ii) ~~— An oxygen source with concentration controls;~~
- 9 (iii) ~~— A cardiac emergency cart;~~
- 10 (iv) ~~— A temporary transvenous pacemaker;~~
- 11 (v) ~~— Electrocardiograph-oscilloscope defibrillator;~~
- 12 (vi) ~~— Cardiac output monitoring capability;~~
- 13 (vii) ~~— Electronic pressure monitoring capability;~~
- 14 (viii) ~~— A mechanical ventilator;~~
- 15 (ix) ~~— Patient weighing devices;~~
- 16 (x) ~~— Pulmonary function measuring devices;~~
- 17 (xi) ~~— Temperature control devices; and~~
- 18 (xii) ~~— Intracranial pressure monitoring devices.~~
- 19 (e) ~~— Within 30 minutes of request, the ability to perform blood gas measurements,~~
20 ~~hematocrit level, and chest x ray studies;~~
- 21 (20) ~~— Acute hemodialysis capability;~~
- 22 (21) ~~— Physician directed burn center staffed by nursing personnel trained in burn care or a~~
23 ~~transfer agreement with a burn center;~~
- 24 (22) ~~— Acute spinal cord management capability or transfer agreement with a hospital capable of~~
25 ~~caring for a spinal cord injured patient;~~
- 26 (23) ~~— Radiological capabilities that include:~~
- 27 (a) ~~— 24 hour per day in house radiology technologist;~~
- 28 (b) ~~— 24 hour per day in house computerized tomography technologist;~~
- 29 (c) ~~— Sonography;~~
- 30 (d) ~~— Computed tomography;~~
- 31 (e) ~~— Angiography;~~
- 32 (f) ~~— Magnetic resonance imaging; and~~
- 33 (g) ~~— Resuscitation equipment that includes airway management and IV therapy;~~
- 34 (24) ~~— Respiratory therapy services available in house 24 hours per day;~~
- 35 (25) ~~— 24 hour per day clinical laboratory service that must include:~~
- 36 (a) ~~— Analysis of blood, urine, and other body fluids, including micro-sampling when~~
37 ~~appropriate;~~

- 1 ~~(b) — Blood typing and cross matching;~~
- 2 ~~(c) — Coagulation studies;~~
- 3 ~~(d) — Comprehensive blood bank or access to community central blood bank with~~
- 4 ~~storage facilities;~~
- 5 ~~(e) — Blood gases and pH determination; and~~
- 6 ~~(f) — Microbiology;~~
- 7 ~~(26) — A rehabilitation service that provides:~~
- 8 ~~(a) — A staff trained in rehabilitation care of critically injured patients;~~
- 9 ~~(b) — Functional assessment and recommendations regarding short and long term~~
- 10 ~~rehabilitation needs within one week of the patient's admission to the hospital or~~
- 11 ~~as soon as hemodynamically stable;~~
- 12 ~~(c) — In house rehabilitation service or a transfer agreement with a rehabilitation~~
- 13 ~~facility accredited by the Commission on Accreditation of Rehabilitation~~
- 14 ~~Facilities;~~
- 15 ~~(d) — Physical, occupational, speech therapies, and social services; and~~
- 16 ~~(e) — Substance abuse evaluation and counseling capability;~~
- 17 ~~(27) — A performance improvement program, as outlined in the North Carolina Chapter of the~~
- 18 ~~American College of Surgeons Committee on Trauma document "Performance~~
- 19 ~~Improvement Guidelines for North Carolina Trauma Centers," incorporated by reference~~
- 20 ~~in accordance with G.S. 150B-21.6, including subsequent amendments and editions. This~~
- 21 ~~document is available from the OEMS, 2707 Mail Service Center, Raleigh, North~~
- 22 ~~Carolina 27699-2707, at no cost. This performance improvement program must include:~~
- 23 ~~(a) — The state Trauma Registry whose data is submitted to the OEMS at least weekly~~
- 24 ~~and includes all the center's trauma patients as defined in Rule .0102(68) of this~~
- 25 ~~Subchapter who are either diverted to an affiliated hospital, admitted to the~~
- 26 ~~trauma center for greater than 24 hours from an ED or hospital, die in the ED,~~
- 27 ~~are DOA or are transferred from the ED to the OR, ICU, or another hospital~~
- 28 ~~(including transfer to any affiliated hospital);~~
- 29 ~~(b) — Morbidity and mortality reviews including all trauma deaths;~~
- 30 ~~(c) — Trauma performance committee that meets at least quarterly and includes~~
- 31 ~~physicians, nurses, pre-hospital personnel, and a variety of other healthcare~~
- 32 ~~providers, and reviews policies, procedures, and system issues and whose~~
- 33 ~~members or designee attends at least 50 percent of the regular meetings;~~
- 34 ~~(d) — Multidisciplinary peer review committee that meets at least quarterly and~~
- 35 ~~includes physicians from trauma, neurosurgery, orthopaedics, emergency~~
- 36 ~~medicine, anesthesiology, and other specialty physicians, as needed, specific to~~

- 1 ~~the case, and the trauma nurse coordinator/program manager and whose~~
2 ~~members or designee attends at least 50 percent of the regular meetings;~~
- 3 ~~(e) Identification of discretionary and non-discretionary audit filters;~~
4 ~~(f) Documentation and review of times and reasons for trauma-related diversion of~~
5 ~~patients from the scene or referring hospital;~~
6 ~~(g) Documentation and review of response times for trauma surgeons,~~
7 ~~neurosurgeons, anesthesiologists or airway managers, and orthopaedists. All~~
8 ~~must demonstrate 80 percent compliance.~~
9 ~~(h) Monitoring of trauma team notification times;~~
10 ~~(i) Review of pre-hospital trauma care that includes dead-on arrivals; and~~
11 ~~(j) Review of times and reasons for transfer of injured patients;~~
- 12 ~~(28) An outreach program that includes:~~
13 ~~(a) Transfer agreements to address the transfer and receipt of trauma patients;~~
14 ~~(b) Programs for physicians within the community and within the referral area (that~~
15 ~~include telephone and on-site consultations) about how to access the trauma~~
16 ~~center resources and refer patients within the system;~~
17 ~~(c) Development of a Regional Advisory Committee as specified in Rule .1102 of~~
18 ~~this Subchapter;~~
19 ~~(d) Development of regional criteria for coordination of trauma care;~~
20 ~~(e) Assessment of trauma system operations at the regional level; and~~
21 ~~(f) ATLS;~~
- 22 ~~(29) A program of injury prevention and public education that includes:~~
23 ~~(a) Epidemiology research that includes studies in injury control, collaboration with~~
24 ~~other institutions on research, monitoring progress of prevention programs, and~~
25 ~~consultation with researchers on evaluation measures;~~
26 ~~(b) Surveillance methods that includes trauma registry data, special Emergency~~
27 ~~Department and field collection projects;~~
28 ~~(c) Designation of an injury prevention coordinator; and~~
29 ~~(d) Outreach activities, program development, information resources, and~~
30 ~~collaboration with existing national, regional, and state trauma programs.~~
- 31 ~~(30) A trauma research program designed to produce new knowledge applicable to the care of~~
32 ~~injured patients that includes:~~
33 ~~(a) An identifiable institutional review board process;~~
34 ~~(b) Educational presentations that must include 12 education/outreach presentations~~
35 ~~offered outside the trauma center over a three-year period; and~~
36 ~~(c) 10 peer-reviewed publications over a three-year period that could come from~~
37 ~~any aspect of the trauma program; and~~

- 1 ~~(31) A written continuing education program for staff physicians, nurses, allied health~~
2 ~~personnel, and community physicians that includes:~~
- 3 ~~(a) A general surgery residency program;~~
- 4 ~~(b) 20 hours of Category I or II trauma related continuing medical education (as~~
5 ~~approved by the Accreditation Council for Continuing Medical Education) every~~
6 ~~two years for all attending general surgeons on the trauma service, orthopedists,~~
7 ~~and neurosurgeons, with at least 50 percent of this being external education~~
8 ~~including conferences and meetings outside of the trauma center. Continuing~~
9 ~~education based on the reading of content such as journals or other continuing~~
10 ~~medical education documents is not considered education outside of the trauma~~
11 ~~center;~~
- 12 ~~(c) 20 hours of Category I or II trauma related continuing medical education (as~~
13 ~~approved by the Accreditation Council for Continuing Medical Education) every~~
14 ~~two years for all emergency physicians, with at least 50 percent of this being~~
15 ~~external education including conferences and meetings outside of the trauma~~
16 ~~center or visiting lecturers or speakers from outside the trauma center.~~
17 ~~Continuing education based on the reading of content such as journals or other~~
18 ~~continuing medical education documents is not considered education outside of~~
19 ~~the trauma center;~~
- 20 ~~(d) ATLS completion for general surgeons on the trauma service and emergency~~
21 ~~physicians. Emergency physicians, if not boarded in emergency medicine, must~~
22 ~~be current in ATLS;~~
- 23 ~~(e) 20 contact hours of trauma related continuing education (beyond in-house in-~~
24 ~~services) every two years for the TNC/TPM;~~
- 25 ~~(f) 16 hours of trauma registry related or trauma related continuing education every~~
26 ~~two years, as deemed appropriate by the trauma nurse coordinator/program~~
27 ~~manager for the trauma registrar;~~
- 28 ~~(g) At least an 80 percent compliance rate for 16 hours of trauma related continuing~~
29 ~~education (as approved by the TNC/TPM) every two years related to trauma care~~
30 ~~for RN's and LPN's in transport programs, Emergency Departments, primary~~
31 ~~intensive care units, primary trauma floors, and other areas deemed appropriate~~
32 ~~by the TNC/TPM; and~~
- 33 ~~(h) 16 hours of trauma related continuing education every two years for mid-level~~
34 ~~practitioners routinely caring for trauma patients.~~

36 *History Note:* Authority G.S. 131E-162; 143-508(d)(2);
37 Temporary Adoption Eff. January 1, 2002;

- 1 *Eff. April 1, 2003;*
- 2 *Amended Eff. January 1, 2009; January 1, ~~2004.~~ 2004;*
- 3 *Readopted Eff. January 1, 2017.*