

# A TRAUMA FUNDAMENTALS COURSE THAT WORKS FOR YOU & YOUR BUSY STAFF

## Train your staff immediately

- No contract to sign
- No room space to book
- No audio/visual equipment hassles
- No classroom to monitor
- No food to provide

## Reduce overall training costs

- Eliminate staffing challenges
- Accommodate employees on all shifts
- Minimize overtime pay

## Same high quality TCAR content

- Engaging, interactive modules
- No boring bullet points or talking heads
- Frequent knowledge checks

## Easy to manage

- Start learners at any time
- Automate email reminders
- Track learner progress
- Send CE certificates instantly

**TCAR**<sup>®</sup>  
EDUCATION PROGRAMS

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EDUCATION PROGRAMS  
33456 Havlik Dr.  
Scappoose, OR, USA 97056

### TECHNICAL SPECIFICATIONS FOR YOUR ONLINE LEARNERS

- Any Windows, Mac, iPad, or Android device with a screen that's at least 8" diagonal
- A standard pair of headphones or earbuds
- A strong WiFi connection (4-5 bar cellular will work, but might be a bit slow loading each new screen)
- The most recent version of a browser (e.g., Google Chrome, Firefox, Safari, Internet Explorer 11, Microsoft Edge)
- The latest version of a device's operating system (e.g., Mac OS, IOS, Android, Windows). Devices over 5-years old may not be able to display content correctly



TCAR Education Programs (a division of Visionem Inc.) is accredited as a provider of continuing nurse education by the American Nurses Credentialing Center's Commission on Accreditation. Continuing education hours are also provided through Visionem Inc., a provider approved by the California Board of Registered Nursing, Provider Number CEP 15483 for **16 contact hours of continuing nursing education.**

**TCAR**<sup>®</sup>  
ONLINE

**FOR ONLINE ADMINISTRATORS**



**A COURSE FOR NURSES  
ACROSS THE TRAUMA SPECTRUM**

**ONLINE  
ADMINISTRATORS**

**TRAUMA CARE AFTER RESUSCITATION**



# AN ENGAGING, INTERACTIVE, POST RESUSCITATION TRAUMA COURSE DESIGNED FOR FLEXABILITY

## Program Description

Unlike trauma education programs targeted at prehospital and emergency care providers, the Trauma Care After Resuscitation (TCAR) course is specifically designed to meet ACS educational requirements for acute care, critical care, perioperative, and rehab nurses.

Now, for the first time ever, even the smallest organizations can easily provide the world's highest quality trauma nursing education. With TCAR ONLINE™, your staff can receive elite trauma training wherever they are, whenever they are ready to begin.



**TCAR ONLINE™ MAKES  
"PROVIDE TRAUMA NURSING EDUCATION"  
THE EASIEST ITEM ON YOUR TO-DO LIST**

# TCAR ONLINE™: ANYWHERE, ANYTIME

For FAQs, sample content, and pricing information go to [www.tcarprograms.org](http://www.tcarprograms.org) or call 503-608-4900



**Includes a 150+ page full-color e-syllabus**

**MOTOR VEHICLE COLLISIONS**

*In the U.S. today, how many vehicles on the road are more than 15 years old?*

14 million   24 million   34 million   44 million

TCAR

**Module 7  
Craniocelebral Injuries**

**Segment 8  
Subdural Hematoma**

TCAR

**CARDIAC INJURIES**

Physiologic Process	Parameter	Assessment	Potential Etiologies	Interventions
Pulmonary Ventilation	PaO <sub>2</sub> , ETCO <sub>2</sub>	Respiratory status: Rate, Depth, Work of Breathing, Lung Sounds, CDR	Hyperventilation: Cerebral, PFT, RA Pa, Altered Mental Status, Arterial Desaturation, ICU	Positioning/Palm Heel Pressure Chest Tube/Fixation Assistive Ventilation Drug Therapy
Diffusion	PaO <sub>2</sub> : FIO <sub>2</sub> (P/F) ratio	PaO <sub>2</sub> , SpO <sub>2</sub> or Sate	Pulmonary Edema, Atelectasis/Consolidation, Pneumothorax/ARDS, Pulmonary Fat Emboli	Supplemental O <sub>2</sub> , Mechanical Ventilation, PEEP/CPR, Drug Therapy
Hemoglobin Availability	CaO <sub>2</sub> (Oxygen Content)	Hemoglobin Level	Hemorrhage: External/Internal, Hemorrhoid	Hemorrhage: Normothermia, Transfusion (see yellow), Prothrombin Agents
Cardiac Output	CO (Oxygen Delivery)	CO or CI (HR x SV) Systemic Pressure Pulse Quality Cardiac Output	Tachy/Bradycardia, Volume Loss/Overload, Cardiac Tamponade/Tension PFT, Cardiac Dysfunction, Myocardial Contusion	Rate Control, Volume Management, Obstruction Removal, Cardiac Support, Myocardial Support, Vasopressor/Inotropic
Tissue O <sub>2</sub> Utilization	SVCO <sub>2</sub> /SaO <sub>2</sub> CO <sub>2</sub> Serum Lactate Arterial pH Base Deficit	SVCO <sub>2</sub> /SaO <sub>2</sub> CO <sub>2</sub> Serum Lactate Arterial pH Base Deficit	Low O <sub>2</sub> Delivery, Metabolic Demands, Cellular Dysfunction	Increased O <sub>2</sub> Delivery, Reduced O <sub>2</sub> Demands, Metabolic Medications, Supportive Interventions

TCAR