

### Subscription on the courses

It will be possible to subscribe to wished courses online via web site of SCTM.

### Conditions to attend the courses

Candidate has to be an adult, over the age of 18, in a good health and psychophysical condition. Attendant should be capable to manipulate with the weight of at least 60kg and to extricate patient by pulling patient of approximately that weight at least 10 m away from the point of the scene of incident given in scenario.

**Important note:** In order to attend MIRA Course, you need to have a valid and recognized FPOS-I certificate or higher Medical qualification first. We recognize FPOSi certificates from the training companies who follow Royal College of Surgeons UK accredited program.

The course will be provided in English and Serbian/Croatian language

### Working clothes on the course

Desirable appropriate clothing and footwear which enable participant to practice demonstrated medical life saving techniques.

Statement of consent and release of liability

Prior the course start, each candidate has to confirm with signature his consent on given condition regarding own security and protection from injuries, and release of liability of the course organizer in such cases.

### Assessment after the course completion

At the end of the course candidates will be assessed formally by written exam, MCQ test with 30 questions that should be answered within 1 hour. Test will pass only candidates who correctly answered at least 70% of the questions. After written exam successful candidates can proceed with practical exam in which will be given short scenario to the candidate. If participants chose to complete their MIRA course after our FPOS immediate course but consecutively, there is no need to go through entry exam. Otherwise, with delay, or those wishing to have only MIRA course has to pass entry written exam (with 30 MCQ).

### Certificates:

Medicine in remote area certificate

The certificates will be issued by Serbian Tactical Medicine Council under supervision of SRC and ERC. Each certificate is registered at ERC and SCTM international database, so potential employers can check the qualifications of candidates at any time. The qualifications are valid for a period of 3 years. Upon expiry of this period we will provide recertification for our participants at reasonable price.



**MEDICINE IN REMOTE AREA**

*Outstanding, very intensive hands on course, with plenty of realistic scenarios, practical assessments and exams, unique opportunity to expand your knowledge and enhance your skills.*



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# MIRA MEDICINE IN REMOTE AREA



Serbian Council for Tactical Medicine, in collaboration and under direct supervision of Resuscitation Council of Serbia as a Partner of European Resuscitation Council, guided by growing needs and following the latest cogni-

tions in a framework of tactical medicine and advanced first aid practice, has developed various levels of tactical medical courses.

We have been fortunate enough to build a very strong team, military medics and paramedics with recent, credible experience and expertise in hostile environments. Our medics use up to date skills and knowledge to ensure each student complete the courses with enough self-confidence and encouraged to implement in their regular day to day practice and use what they have been taught. The main features of our courses are flexibility and elasticity, in-



tensity, realism, adaptability, work in small groups as well as teamwork, with a full focus on the activities, medical procedures and techniques applicable in high-risk environments, austere condition with low level of EMS and in remote areas.



Courses are basically run through scenarios, as well as the gradual introduction and work on skills stations with full implementation of "four steps teach" method as incontrovertibly one of the best training method. Participants learn how to provide emergency medical treatment in a real time in casualty simulation and put their training into practice progressively by combination of classroom sessions and practical hands on teaching and learning activities.

SCTM courses follow the latest recommendations issued by International Liaison Committee on Resuscitation and European Resuscitation Council.

### GENERAL INFORMATION:

Medicine in Remote Areas Course (MIRA) is an essential qualification that has been developed to add the skills and knowledge required for dealing with a casualty or casualties in challenging environments. This is one of the most popular courses among pre-hospital providers who have completed an FPOS-I and are looking to enhance the skills needed to manage medical and trauma patients in a remote area.

### ABOUT MIRA:

Course is specifically designed and ideal for all medical professionals that work in remote area, offshore and hostile environment. Program of the course is suitable for Emergency Medical Services, Close Protection, Security and Maritime Industry, Emergency Response Teams and those who partake in expeditions and exploration to remote areas. This course is for those who find themselves in a critical situation, with no immediate hope of rescue support, suitable for Oil and Gas and renewable energy industry, Media Personnel, Mountain Rescue, Search and Rescue, medical support for disaster relief and humanitarian organization,

### CANDIDATE WILL LEARN:

The course teaches the skills needed to stabilize the injured and traumatized victims right through to the skills and knowledge needed for prolonged field care. The argument for extended skills makes complete sense in remote environments where there is a prolonged time to definitive care, there is a need to provide the casualty with advanced medical skills to compensate for the delay in reaching definitive care.

### MEDICINE IN REMOTE AREA – "MIRA" COURSE SYLLABUS

1. PREHOSPITAL REMOTE AND CHALLENGEING ENVIRONMENT
  - 1.1.The role and task of medic in remote area and overview of medicine in remote area.
  - 1.2. Equipment in use
  - 1.3. On scene safety and safety zone
  - 1.4. Major incident-accident management
    - 1.4.1. Incident command system and communication
    - 1.4.2. Triage
  - 1.5. Type of incidents-accidents and mechanism of injuries correlation, (road traffic collision, ballistic injuries)
  - 1.6. Prolonged field care

2. PATIENT ASSESSMENT
  - 2.1. PRIMARY SURVEY
    - 2.1.1.Initial assessment of casualty SAFETAC, METHANE report
    - 2.1.2.Rapid primary assessment CABC
    - 2.1.3.Primary assessment ABCDE, SAMPLE
  - 2.2. SECONDARY SURVEY
    - 2.2.1. Reassessment, vital signs, skin and pupils assessment
    - 2.2.2. Focused assessment for specific injury
  - 2.3. Prolonged care AFITARSE, ongoing assessment
3. ADVANCED AIRWAY MANAGEMENT
  - 3.1.Anatomy and physiology of the airways
  - 3.2. Recognition of airway obstruction and assessment
  - 3.3. Basic airway management - (review)
  - 3.4. Laryngeal mask, I-gel
  - 3.5. Endotracheal intubaton
  - 3.6. Oxygen administration
  - 3.7. Cricothyrothomy
4. BREATHING AND CHEST INJURIES
  - 4.1. Anatomy and physiology of the lungs
  - 4.2. Recognition of respiratory problem
  - 4.3. Assessment (examination)
  - 4.4. Life-threatening chest injuries
  - 4.5. Needle Thoracocentesis
5. CIRCULATORY SYSTEM AND HEMORRHAGE CONTROL
  - 5.1.Anatomy and physiology of the circulatory system
  - 5.2. Bleeding control
  - 5.3. Intravenous cannulation
  - 5.4. Interosseous infusion
6. TRAUMA RELATED INJURIES
  - 6.1. Anatomy and physiology of musculoskeletal, nervous, digestive, urinary, integumentary system and senses
  - 6.2. Extremity trauma, splinting, (traction splint)
  - 6.3. Soft tissue injuries, wound closure – suturing
  - 6.4. Head injuries
  - 6.5. Abdominal and pelvic injuries
  - 6.6. Spinal injuries, use of long spinal board
  - 6.7. Burns and scalds
7. PATIENT EXTRICATION
  - 7.1. Extraction of the patient from the high risk zone
  - 7.2. Lifting, moving and carrying techniques
  - 7.3. Vehicle extrication, use of KED and ANACONDA ED
8. MANAGEMENT OF ENVIRONMENTAL ILLNESSES AND MEDICAL EMERGENCIES
  - 8.1. Heat stroke & Dehydration
  - 8.2. Hypothermia, Frostbite
  - 8.3. Animals, Insects and snake bite
  - 8.4. Medical emergencies management
9. PHARMACOLOGY
  - 9.1. Drug classification and administration
  - 9.2. Analgesia and pain management
  - 9.3. Antibiotics and infection