



# OPEN MEDICAL INSTITUTE

## CURRICULUM

TRAUMA AND  
EMERGENCY SURGERY  
SEMINARS IN SALZBURG

A Global Educational Initiative by the  
American Austrian Foundation

## YEAR 1 (2023, 2027, 2031, etc.)

### **Core Area: Trauma**

#### **Subdivisions of Core Area:**

1. Initial Management: The ABCs
2. Disaster and Mass Casualty Management
3. Neurotrauma
4. Neck Trauma
5. Penetrating Abdominal Trauma
6. Vascular Trauma
7. Burns

### **Core Area: Orthopedic Trauma**

#### **Subdivisions of Core Area:**

1. The Mangled Extremity: Revascularization vs. Amputation
2. Peri-Articular Fractures
3. Pelvic Trauma
4. Spine Trauma
5. Damage Control Orthopedic Surgery/ Early Total Care in Multiply Injured Patients
6. Pediatric Orthopedic Injuries

### **Core Area: Emergency General Surgery**

#### **Subdivisions of Core Area:**

1. Abdominal Compartment Syndrome/ The Open Abdomen
2. Abdominal Wall Hernias
3. Intra-Abdominal Catastrophes
4. Soft Tissue Infections

### **Core Area: Surgical Critical Care**

#### **Subdivisions of Core Area:**

1. Intensive Care Unit Emergencies in the Trauma/ Emergency Surgery Patient

### **Core Area: Miscellaneous**

#### **Subdivisions of Core Area:**

1. Infectious Issues in Trauma/ Emergency Surgery
2. Interesting Cases in Trauma/ Emergency Surgery

## YEAR 2 (2025, 2029, 2033, etc.)

### **Core Area: Trauma**

#### **Subdivisions of Core Area:**

1. Airway Management
2. Traumatic Shock Overview
3. Resuscitation and Cardiovascular Endpoints of Resuscitation
4. Damage Control Surgery
5. Thoracic Trauma
6. Blunt Abdominal Trauma
7. Special Considerations in Blunt Trauma (Maxillofacial, Genito-Urinary, Soft Tissue, etc.)

### **Core Area: Orthopedic Trauma**

#### **Subdivisions of Core Area:**

1. The New Generation of Bone Implants: The Role of the Angle Stable Plate?
2. Severe Orthopedic Trauma: External Fixators
3. Delayed Union/ Non-Union in Long Bones
4. Ligamentous Joint Injuries
5. The Most Common Missed Diagnoses in Multiply Injured Patients
6. Clinical Examination and Principles of Imaging
7. The Management of Long Bone Fractures: The Principles of Intramedullary Nailing
8. Rehabilitation Care

### **Core Area: Emergency General Surgery**

#### **Subdivisions of Core Area:**

1. Hollow Visceral Surgical Emergencies
2. Hepatobiliary Surgical Emergencies
3. Pancreatitis

### **Core Area: Surgical Critical Care**

#### **Subdivisions of Core Area:**

1. Supportive Care in the Intensive Care Unit for the Trauma/ Emergency Surgery Patient

### **Core Area: Miscellaneous**

#### **Subdivisions of Core Area:**

1. Interesting Cases in Trauma/ Emergency Surgery