



社團法人台灣急診醫學會

「急診住院醫師期中能力進展評量」命題範圍

TSEM Residency Mid-term Competency Progress Assessment

- 一、**評量目標：**檢視急診專科訓練住院醫師期中能力進展，同時進行核心技能教學回饋，以促進住院醫師掌握個人專科醫學能力的發展，並回饋訓練機構作為訓練計畫調整之參考依據。
- 二、**評量簡介：**依據 EM model 發展之配題藍圖、急診醫學會 EPAs 第一版以及 EM model 之核心技能項目，設計筆試、團隊模擬以及單項技能的評量。診斷住院醫師於訓練計畫中學習之各面向發展，呈現學員能力之進展與其在整體考生中之分布情況；協助指引學員後續努力方向，並提供訓練計畫精進之參考。評量結束後將提供學員「個人回饋報告」，並提供各訓練計畫其所有參與學員的「整體回饋報告」，以促進急診醫學專科勝任能力訓練之發展與落實。
- 三、**評量對象：**急診專科訓練住院醫師第三年。
- 四、**測驗時間及出題依據：**
 - 團隊模擬：考試時間 22 分鐘(考間外讀題 2 分鐘、測驗 15 分鐘、回饋 5 分鐘)；轉場 1 分鐘；出題依據請參考：附件一、急診醫學會 EPAs 第一版。
 - 單項技能：考試時間 16 分鐘(考間外讀題 2 分鐘、測驗 10 分鐘、回饋 4 分鐘)；轉場 1 分鐘；出題依據請參考：附件二、EM Model 篩選之核心技能項目。
- 五、**出題採用費：**5,000 元/題。
- 六、**繳交方式：**請將題目上傳至雲端連結 <https://reurl.cc/eyaGGK>，並來電至急診醫學會通知題目已上傳，承辦人 02-23719817 分機 15、22 (張雯婷秘書、唐世珍秘書)。



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團隊模擬 1 站：急診醫學會 EPAs 第一版作為出題依據。

EPA1. 到院前心跳停止病人處置

EPA2. 休克病人處置

EPA3. 重大外傷病人處置

EPA4. 中毒病人處置

EPA5. 急性胸痛病人處置

EPA6. 急性意識改變病人處置

EPA7. 急性呼吸困難病人處置

完整文件請參照官網，如下列網址：<https://www.sem.org.tw/News/1/Details/457>



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單項技能測驗 4 站：依據「EM Model 篩選之核心技能項目」為出題依據。

19 PROCEDURES AND SKILLS INTEGRAL TO THE PRACTICE OF EMERGENCY MEDICINE**19.1 Airway Techniques**

- 19.1.1 Intubation
- 19.1.2 Airway adjuncts
- 19.1.3 Surgical airway
- 19.1.4 Mechanical ventilation
- 19.1.5 Non-invasive ventilatory management
- 19.1.6 Ventilatory monitoring

19.2 Resuscitation

- 19.2.1 Cardiopulmonary resuscitation
- 19.2.2 Neonatal resuscitation
- 19.2.3 Pediatric resuscitation
- 19.2.4 Post-resuscitative care
 - 19.2.4.1 Therapeutic hypothermia
- 19.2.5 Blood, fluid, and component therapy
- 19.2.6 Arterial catheter insertion
- 19.2.7 Central venous access
- 19.2.8 Intraosseous line placement
- 19.2.9 Defibrillation

19.3 Anesthesia and Acute Pain Management

- 19.3.1 Local anesthesia
- 19.3.2 Regional nerve block
- 19.3.3 Procedural sedation
- 19.3.4 Analgesia

19.4 Diagnostic and Therapeutic Procedures

- 19.4.1 Abdominal and Gastrointestinal
 - 19.4.1.1 Gastric lavage
 - 19.4.1.2 Gastrostomy tube replacement
 - 19.4.1.3 Nasogastric tube
 - 19.4.1.4 Paracentesis
- 19.4.2 Cardiovascular and Thoracic
 - 19.4.2.1 Cardiac pacing
 - 19.4.2.2 Cardioversion
 - 19.4.2.3 ECG interpretation
 - 19.4.2.4 Pericardiocentesis
 - 19.4.2.5 Thoracentesis
 - 19.4.2.6 Thoracostomy
- 19.4.3 Cutaneous
 - 19.4.3.1 Escharotomy
 - 19.4.3.2 Incision and drainage
 - 19.4.3.3 Trephination, nails
 - 19.4.3.4 Wound closure techniques
 - 19.4.3.5 Wound management
- 19.4.4 Head, Ear, Eye, Nose, and Throat
 - 19.4.4.1 Control of epistaxis



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- 19.4.4.2 laryngoscopy
- 19.4.4.3 Slit lamp examination
- 19.4.4.4 Fundoscopy
- 19.4.4.5 Otoscopy
- 19.4.4.6 Tonometry
- 19.4.5 Systemic Infectious
 - 19.4.5.1 Personal protection (equipment and techniques)
 - 19.4.5.2 Universal precautions and exposure management
- 19.4.6 Musculoskeletal
 - 19.4.6.1 Arthrocentesis
 - 19.4.6.2 Fracture/dislocation immobilization techniques
 - 19.4.6.3 Fracture/dislocation reduction techniques
 - 19.4.6.4 Spine immobilization techniques
- 19.4.7 Nervous System
 - 19.4.7.1 Lumbar puncture
- 19.4.8 Obstetrics and Gynecology
 - 19.4.8.1 Delivery of newborn
 - 19.4.8.2 Perimortem C-section
- 19.4.9 Psychobehavioral
 - 19.4.9.1 Psychiatric screening examination
 - 19.4.9.2 Violent patient management/restraint
- 19.4.10 Renal and Urogenital
 - 19.4.10.1 Bladder catheterization
 - 19.4.10.1.1 Urethral catheter
 - 19.4.10.1.2 Suprapubic catheter
 - 19.4.10.2 Cystourethrogram
- 19.4.11 Toxicologic
 - 19.4.11.1 Decontamination

19.5 Ultrasound

- 19.5.1 Diagnostic ultrasound
- 19.5.2 Procedural ultrasound

19.6 Other Diagnostic and Therapeutic Procedures

- 19.6.1 Foreign body removal

20 OTHER CORE COMPETENCIES OF THE PRACTICE OF EMERGENCY MEDICINE

20.1 Interpersonal and Communication Skills

- 20.1.1 Interpersonal Skills
 - 20.1.1.1 Inter-departmental and medical staff relations
 - 20.1.1.2 Inter-departmental relations, teamwork, and collaboration skills
 - 20.1.1.3 Patient and family experience of care
- 20.1.2 Communication Skills
 - 20.1.2.1 Complaint management and service recovery
 - 20.1.2.2 Conflict management
 - 20.1.2.3 Crisis resource management
 - 20.1.2.4 Delivering bad news
 - 20.1.2.5 Multicultural approach to the ED patient
 - 20.1.2.6 Negotiation skills