

HONG KONG COLLEGE OF EMERGENCY MEDICINE 香港急症科醫學院 <u>Subject</u> HKCEM EPA 1 Procedure Skill 3 Closed reduction of Shoulder dislocation	Document No.	EC/TG/EPA 3/SD/v2
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# Hong Kong College of Emergency Medicine

## Entrustable Professional Activity 1

### Procedure Skill 3

## Closed reduction of Shoulder Dislocation

Version	Effective date
1	01 Jan 2022
2	01 Jan 2024

Document number	EC/TG/EPA 3/SD/v2
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Approved by	Education Committee
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Distribution List	Training Supervisors, Trainers and Trainees

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<b>HKCEM EPA (3)</b>	Closed reduction of shoulder dislocation
Case Inclusion Criteria	1. Anterior or posterior shoulder dislocation
Case Exclusion Criteria	1. Fracture dislocation (exclude fracture greater tubercle alone)
Assessment start at:	Starting talk about the procedure
Assessment end at:	Patient disposal
Coverage of college core competency (please tick)	<input checked="" type="checkbox"/> Medical Knowledge and clinical skills <input checked="" type="checkbox"/> Patient Care <input checked="" type="checkbox"/> Professionalism, ethics and Legal issues <input type="checkbox"/> Education and Research <input checked="" type="checkbox"/> Communication, collaboration and interpersonal skills <input type="checkbox"/> Organization planning and management skills
Assessment Frequency before exit	2 per 12 month
Exit Criteria	3 level 4 or above

Hospital:	Trainee:	Assessor:
Date:		
Case AE number:		

Case difficulty (optional, please tick)	<input type="checkbox"/> Ordinary / <input type="checkbox"/> moderately challenging / <input type="checkbox"/> very challenging
Summative Decision of Entrustment: (please tick the right column) (The decision should be entered into trainee's e-portfolio by assessor or delegate)	
Level 1 <input type="checkbox"/>	Restricted to observe or assist the skill; Not entitled to do it due to significant knowledge or skill deficiency.
Level 2 <input type="checkbox"/>	Allowed to perform the skill under close or hands-on supervision as the skill is not to a competent level.
Level 3 <input type="checkbox"/>	Entrusted to perform the skill under hands-off supervision or just on-site supervision in uncomplicated cases.
Level 4 <input type="checkbox"/>	Fully competent and entrusted to complete the task totally independent even for complicated cases.
Level 5 <input type="checkbox"/>	Entitled to teach or supervise others by showing excellent performance and deep understanding of the background knowledge.
Assessor's comments:	



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Appendix 1: Narration of Core competency

<p>Medical knowledge and skill</p> <ul style="list-style-type: none"> <li>- Ability to diagnose the type of dislocation from X-ray.</li> <li>- Differentiate the management of first time and recurrent dislocation</li> <li>- Show knowledge and skills on multiple reduction skills and choose accordingly</li> <li>- Able to reasonably explain why sedation free method was chosen or not chosen.</li> <li>- Proper exercise of the chosen skill</li> <li>- If sedation is involved, adequate knowledge on the pharmacology of the agent.</li> <li>- Obtain post-reduction X-ray</li> <li>- Adequate knowledge on post-reduction care of the condition.</li> </ul>
<p>Patient care</p> <ul style="list-style-type: none"> <li>- Patient safety is prioritized: offer sedation free (relatively painless method) if appropriate</li> <li>- If sedation is offered: <ul style="list-style-type: none"> <li>o ensure adequate dosage for pain control,</li> <li>o adequate manpower to support, with resuscitation equipment standby.</li> <li>o appropriate place of reduction</li> <li>o sufficient monitoring devices (especially waveform capnography)</li> <li>o If applicable, proper management of complications related to sedation such as apnea and hypotension.</li> </ul> </li> <li>- Test neurological deficit before and after the procedure</li> <li>- Give proper post-reduction management include but not limited to <ul style="list-style-type: none"> <li>o Immobilization method and duration</li> <li>o Referral for patient with complications or expected high chance of recurrence</li> <li>o Medication for pain control, and</li> <li>o Advise include activity level and prevention of recurrence</li> <li>o Appropriate follow up</li> </ul> </li> </ul>
<p>Professionalism</p> <ul style="list-style-type: none"> <li>- Explain the informed consent properly that include the possibility of failed reduction, recurrence in the future and possible nerve injury.</li> <li>- If sedation involved, explain the pros and cons of sedation</li> </ul>
<p>Communication skill</p> <ul style="list-style-type: none"> <li>- Able to explain the procedure clearly to the patient (and relative if applicable)</li> <li>- Communicate with senior and nursing staff effectively.</li> <li>- Communicate with polite manner</li> </ul>

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Appendix 2: Description of entrustment decision (These are only examples of decision and may be inexhaustible. The description might be different for other EPA.)

<p>Level 1:</p> <ul style="list-style-type: none"> <li>● Trainee demonstrated poor in <b>basic medical knowledge</b> for the task.</li> <li>● Trainee demonstrated <b>poor in skill</b>.</li> <li>● Trainee demonstrated unfavorable professional <b>attitude</b> in the assessment process.</li> <li>● Trainee omitted <b>vital safety</b> concern in the assessment.</li> </ul>
<p>Level 2:</p> <ul style="list-style-type: none"> <li>● Trainee demonstrated <b>inadequate confidence in the skill</b>.</li> <li>● Trainee demonstrated <b>over-confidence</b> or lack of self-awareness in skill that might potentially endanger the patients especially in complicated cases.</li> <li>● Trainee demonstrated inadequacy on non-basic knowledge for the task that may or may not harm the patient.</li> </ul>
<p>Level 3:</p> <ul style="list-style-type: none"> <li>● Trainee showed adequate background knowledge.</li> <li>● Trainee demonstrated reasonable skill level but not to the extent of mastery.</li> <li>● <b>Minor mistake or skill issue</b> identified that did not adversely affect the patient.</li> <li>● The assessor is unclear if trainee can do well in a complicated case and uncomfortable to award level 4.</li> </ul>
<p>Level 4:</p> <ul style="list-style-type: none"> <li>● Trainee showed perfect knowledge and skills with no challengeable shortcoming.</li> <li>● Trainee did very well even in a complicated case.</li> <li>● However it is unsure whether the trainee can teach or supervise other in the same mastery level.</li> </ul>
<p>Level 5:</p> <ul style="list-style-type: none"> <li>● Trainee showed excellent performance in skill.</li> <li>● Trainee either <ul style="list-style-type: none"> <li>■ offered a running commentary during the assessment or</li> <li>■ carried out an in-depth discussion with the assessor after the procedure that demonstrated deep insight on the subject and competency in teaching.</li> </ul> </li> </ul>