

1. 請以中文回答以下問題 (25%)

Following table is the diagnostic accuracy of scapular physical examination tests for shoulder disorders.

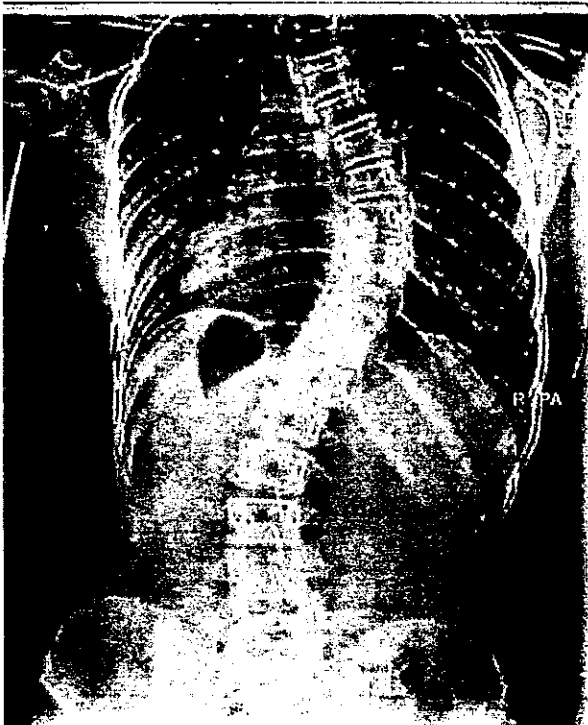
a. Based on the table, why and which one of physical examination test of the scapula was found to be useful in diagnosing pathologies of the shoulder? 10%

Test name	sensitivity	specificity	+likelihood ratio	-likelihood ratio
Lateral Scapular Slide test				
0 degree abduction	90-96	12-26	1.02-1.3	0.15-0.83
45 degrees abd.	83-93	15-26	0.98-1.26	0.27-1.13
90 degrees abd.	80-90	4-19	0.83-1.11	0.52-5.0
Scapular dyskinesis test	21	72	0.75	1.10
Scapula reposition test	26	70	0.87	1.06
Winging scapula during arm elevation with a dumbbell	13	91	1.44	0.96

b. Not every subject with scapular dyskinesis has related symptoms due to multiple causative factors of scapula dyskinesis. Please describe these factors?15%

2. 有關下面的胸腰椎 X-ray 影像: (25%)

- (1) 請問這是哪一種脊椎側彎? 5%
- (2) 請問針對此種脊椎側彎可以執行那些評估測試及其目的為何? 5%
- (3) 請針對此種脊椎側彎制定說明物理治療的 3M(movement, manual, modality)治療計畫?15%



3. 請以中文回答以下問題 (25%)

- 3.1 Please describe 3 common causes of "medial" knee pain. (6%)
- 3.2 Please describe 3 common causes of "lateral" knee pain. (6%)
- 3.3 Please describe 2 common causes of "anterior" knee pain. (4%)
- 3.4 Please describe 2 common causes of "posterior" knee pain. (4%)
- 3.5 A 20 y/o female swimmer presents to you with medial knee pain. Describe your assessment plan for this patient. (5%)

見背面

4. 一名 25 歲無心血管以及代謝疾病病史的男性羽球選手接受以手術方式修補阿基里氏腱斷裂。請寫出

(1) 術後 12 到 16 週內物理治療內容 (15%)

(2) 請比較保守治療方式與外科介入在物理治療內容的主要差異 (5%)

(3) 文獻上這類患者在術後一到二年內，主要下肢功能缺失為何，原因為何(5%)

**試題隨卷繳回**