

# 中山醫學大學附設醫院迷你臨床演練(Mini-CEX)評量表

實施日期：\_\_\_\_年\_\_\_\_月\_\_\_\_日 臨床科部：\_\_\_\_\_科

學員：M5 M6 M7 PGY R1 R2 R3 R4

教師：住院醫師 總醫師 主治醫師

病人資料：年齡：\_\_\_\_\_ 男 女 初診/ 複診病人 住院病床：\_\_\_\_\_

病情複雜度：低度 中度 高度

實施場所：門診 病房

診斷：\_\_\_\_\_

演練與評量重點：醫療面談 身體檢查 臨床判斷

諮商衛教 人道專業 組織能力及效率

評量項目：

1. 醫療面談 (Medical Interviewing Skills) (未評量)  
評量結果 1 2 3 4 5 6 7 8 9
2. 身體檢查 (Physical Examination Skills) (未評量)  
評量結果 1 2 3 4 5 6 7 8 9
3. 臨床判斷 (Clinical Judgment) (未評量)  
評量結果 1 2 3 4 5 6 7 8 9
4. 諮商衛教 (Counseling Skills) (未評量)  
評量結果 1 2 3 4 5 6 7 8 9
5. 人道專業 (Humanistic Qualities/Professionalism, patient's perceptions) (未評量)  
評量結果 1 2 3 4 5 6 7 8 9
6. 組織能力及效率 (Organization/efficiency) (未評量)  
評量結果 1 2 3 4 5 6 7 8 9
7. 整體臨床技能 (Overall clinical competence) (未評量)  
評量結果 1 2 3 4 5 6 7 8 9

★ 評量採 9 級計分，臨床教師可以依照學員的表現，進行給分。

★ 參照評分基準：待改進(1~3)；普通(4~6)；優良(7~9)

觀察時間：\_\_\_\_\_分

回饋時間：\_\_\_\_\_分

學員簽名：\_\_\_\_\_

教師簽名：\_\_\_\_\_

學員回饋：\_\_\_\_\_

教師評語：\_\_\_\_\_

## 附註：迷你臨床演練評量 (Mini-CEX) 指引

Mini-CEX 注重學員與病人互動的表現，只需要約 30 分鐘，臨床教師可以藉此直接觀察學員與病人之間的互動，進行 mini-CEX 的簡易評估，並且與學員直接回饋。建議臨床教師，可以每次針對「一項」重點（醫療面談、身體檢查、臨床判斷、治療決定及諮商衛教）進行評量，而人道專業、組織能力及效率與整體臨床技能則可以在每一次進行 mini-CEX 評量時，均給予評估。

## 附錄：評量項目

### 醫療面談 (Medical Interviewing Skills)

- Starts with open-ended questions
- Progresses with specific questions
- Does not ask multiple questions
- Does not ask presumptive/leading questions
- Does not interrupt patient
- Asks for clarification if necessary
- Logical sequencing of questions
- Segment summary

### 身體檢查 (Physical Examination Skills)

- Washes hands
- Minimizes discomfort
- Preserves modesty
- Explains to parent what doing
- Explains to child what doing
- Sequence matches cooperation level
- Builds rapport
- Correct technique

*from: Lane JL & Gottlieb RP. Pediatrics 2000*

### 人道專業 (Humanistic Qualities/Professionalism)

- My doctor seems to take a personal interest in me.
- Even when my problem is small, my doctor is concerned.
- I have confidence in my doctor's decisions.
- My doctor respects my beliefs.
- I would talk to my doctor if something were troubling me.
- My doctor takes an interest in my home life.
- My doctor is easy to talk to.
- My doctor seems to know what I am going through when I tell him/her about a problem.

*from: Hauck FR, et al. Family Med 1990*

### 臨床判斷(Clinical Judgment)

- Formulating a differential diagnosis by using history and physical examination data
- Developing a prioritized problem list to select tests
- Applying principles of sensitivity, specificity, and pretest predictive value probabilities

- Assessing risks, benefits, and costs of treatment options
- Involving patient in decision making

*from: Goroll AH, et al. Ann Intern Med 2001*

### 諮商衛教(Counseling Skills)

- The patient's role in decision making
- The nature of the decision
- Alternatives
- Pros (benefits) and cons (risks) of the alternatives
- Uncertainties associated with the decision
- An assessment of the patient's understanding of the decision
- An exploration of the patient's preferences

*from: Braddock CH, et al. JAMA 1999*

#### 參考資料:

1. Norcini JJ, Blak LL, et al. The Mini-CEX: A method for assessing clinical skills. *Ann Int Med* 2003; 138; 476-481.
2. American Board of Internal Medicine: The mini-CEX: A quality tool in evaluation. Available at <http://www.abim.org/minicex/minicex.pdf>.
3. 陳偉德、林正介等.建置迷你臨床演練評量(mini-CEX)之經驗與試辦成果. *醫學教育* 2006;10:232-239.