日期	＿2013＿年＿02＿月＿04＿日

內容摘要：
（填寫說明：1.如有附件請註明，如簡報檔、全文檔等
2.需有問題與討論：請註明姓名並包含醫學倫理及 EBM 之應用
3.需有總結，請註明做結論者【主持人】姓名
4.請自行編排頁碼）

地點：B2 同新園會議室
主題：journal meeting
報告者 ：R1 林吉倡
主持者： VS 王瑞芳
紀錄：R3 周光緯

{Q and A} :
Q1.CR 朱健銘: Validity 分為哪兩種？
A1.R3 許哲彰: internal validity and external validity.
Q2.CR 朱健銘：What's internal validity ?
A2.R3 周光緯: 由因導致結果的 validity.
Q3.CR 朱健銘：What's external validity ?
A3.R1 陳穎玲: Reader's patients/ Population.
Q4.CR 朱健銘:
A4.R3 周光緯:

Is selection bias present?
In a cohort study, are participants in the exposed and unexposed groups similar in all important respects except for the exposure?

In a case-control study, are cases and controls similar in all important respects except for the disease in question?

Q5.CR 朱健銘:
A5.R2 羅志威:

Is information bias present?
In a cohort study, is information about outcome obtained in the same way for those exposed and unexposed?

In a case-control study, is information about exposure gathered in the same way for cases and controls?

Q6.CR 朱健銘:
A6.R3 許哲彰:

Is confounding present?
Could the results be accounted for by the presence of a factor—eg, age, smoking, sexual behaviour, diet—associated with both the exposure and the outcome but not directly involved in the causal pathway?

Q7.CR 朱健銘:
A7.R3 周光緯:

If the results cannot be explained by these three biases, could they be the result of chance?
What are the relative risk or odds ratio and 95% CI?[11,12]

Is the difference statistically significant, and, if not, did the study have adequate power to find a clinically important difference?[13,14]

Q8.CR 朱健銘：什麼是 case control study?
A8.R3 周光緯: 同一時間下收集資料比較

新光吳火獅紀念醫院

內容摘要(續):

Q9.CR 朱健銘：What's cohort study ?
A9.R3 周光緯: 先找一群人，retrograde or antegrade 研究
Q10.CR 朱健銘：Selection bias?
A10.R2 羅志威:information bias, chance, confounding.

{EBM and ethics}:
Q1.CR 朱健銘:How to Control Confounding?
A1.R3 許哲彰: Restriction ,Matching, Multivariate technique,
            Stratification
Q2.CR 朱健銘: Restriction?
A2.R2 羅志威: Excludes confounding
            ↑Internal validity;   ↓External validity
Q3.CR 朱健銘: What' s information bias?
A3.R3 許哲彰: Recall bias
            ↑ recall in cases (↑ motives)

{Key points}:
1. Validity 哪兩種
2. Bias 有哪些，如何分辨
3. Case control study vs. cohort study

{VS comment}:
   VS 王瑞芳：
            統計學的部分雖跟醫學知識無直接相關，但還是要懂一些，
            之後寫論文才知道要用怎樣的方法作研究。

                                        紀錄:R3 周光緯