

# 臺北醫學大學 103 學年度碩士班暨碩士在職專班招生入學考試

呼吸治療學試題

本試題第 1 頁；共 1 頁  
(如有缺頁或毀損，應立即請監試人員補發)

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| 注意事項 | 一、本試題共五題，共計 100 分。<br>二、請將最適當的答案依題號作答於答案卷上。<br>三、試題答錯者不倒扣；題次號碼錯誤或不按順序或鉛筆作答，不予計分。 |
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## 問答題：共 100%

- 一、請描述新生兒有 hypoxic respiratory failure 時(如 congestive heart failure)採用高流速鼻導管之適應症及預期成效(10%)。並說明裝置器材原理及流速調整原則(10%)。
- 二、請描述 ALI/ARDS 的肺保護策略(10%)，並說明以 pressure-volume curve 決定適當 PEEP 方法(10%)。
- 三、Please describe briefly the Berlin definition of acute respiratory distress syndrome (ARDS) and its advantage over the American-European Consensus Conference (AECC) definition. (20%)
- 四、Please describe briefly a common algorithm (流程) for weaning patients from the ventilator. (20%)
- 五、Please describe briefly the role of non-invasive ventilation (NIV) in the ventilator discontinuation process and when to stop NIV and re-intubate patients in the post-extubation period. (20%)