

以健保資料庫分析不同年度與不同類型醫院的
開放性動脈導管病患接受外科結紮手術之失敗率

**Results of patients with PDA receiving surgical ligation—
Cases analyzed in different years and various kinds of hospital
from the database of National Health Insurance**

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The purpose of this report is to compare the results of surgical ligation of patent ductus arteriosus (PDA) in different years and various kinds of hospital.

The sources of data which are discussed and analyzed about surgical ligation of PDA are most from one or some medical centers up to now; however, these data cannot present the true event of a country. No any study about this issue, which source of data is from the database of National Health Insurance, which is a full data of medical record in a country or region and obtained via application for research, has been discussed and analyzed.

During a four-year period (1996~1999), 1708 patients receive surgical ligation of PDA from the database of National Health Insurance in Taiwan, 52 patients receive more than once of PDA ligation.

In this study, mean failure rate is 3.04%; the results also reveal that the annual failure rate and case numbers are declined year by year. It represents that our cardiovascular operative ability and neonatal intensive care level are advance gradually day by day.

Key words: surgical ligation, patent ductus arteriosus (PDA), failure rate, database of National Health Insurance