

ABSTRACT OF INDICATIONS OF CAESAREAN SECTION – TRENDS OVER THE YEARS (SAT HOSPITAL, THIRUVANANTHAPURAM. 22004 MBBS)

INTRODUCTION:

The incidence of caesarean section (CS) is on the increase. Despite the standards prescribed by WHO that the incidence rate should fall within 15% of the currently observed trend has been a two to three fold increase.

Background and Rationale:

The evolution of CS as a safe procedure is one of the causes of its increase. It is the commonest operation performed world wide. The overall CS increased progressively in the United States each year between 1965 and 1988 rising from 4.5% of all deliveries to 25% (in 1991). In kerala the increase was very high.

Objectives:

1. To find out the total number of CS in each year of study and to find out the change in trend over these study years from 1956 to 2006.
2. To find out the indications of CS and their relative proportions and to find out their change in trends.
3. To find out the proportion of CS falling in different age groups.

Methods:

Study Design: Record based study.

Study Period: October, 2007 to January, 2008.

Study Setting: Records Library, SAT Hospital, Thiruvananthapuram.

Methods of Data collection:

Study the records from 1956 to 2006. Due to lack of time, same size, limited to every 10th year for study. To find out the indications of CS, January, May and September of each study year was taken into account.

Analysis: Data analyzed and found that

1. The main indication in 1956 was CPD while it has changed to previous CS in 2006.
 2. Majority of women undergoing LSCS belonging to the age group 20-30 yrs in all the years 1956 to 2006, which is considered to be the safe period for both pregnancy and LSCS.
 3. The incidence rates of CS have been steadily on the increase from 4.36 % in 1956 to 9.52% in 1976 and 31.56% in 2006.
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