

ANALYSIS OF MATERNAL DEATH IN SURENDRANAGAR DISTRICT GUJARAT

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INTRODUCTION

- The high level of maternal mortality in the developing world is an issue of public health concern.
- India accounts for over 20% of the world's maternal deaths.
- The major causes of maternal mortality are hemorrhage, sepsis, hypertensive disorders, obstructed labor, and abortions.
- Maternal mortality ratio is dependent upon the general socioeconomic status, nutrition level of maternal healthcare in community

Need of the Study

- Approximately 529,000 women die from pregnancy-related causes annually and almost all (99%) of these maternal deaths occur in developing nations.
- One of the United Nations' Millennium Development Goals is to reduce the maternal mortality rate by 75% by 2015.
- Many developing nations lack adequate health care and family planning, and pregnant women have minimal access to skilled labor and emergency care.

RESEARCH QUESTION

What are the major risk factors contributing to maternal death of Rural Area in Surendranagar District during the year 2015-16 ?

Objectives

- To Identify the major cause and delay in maternal death during the year 2015-16 by Analysis of verbal autopsy form.
- To suggest measure to Reduce MMR

Research Methodology

Study Design:- A retrospective cross sectional study is conducted.

Study area:- 10 block in Surendrnagar district.

Sample size:- Twenty five maternal deaths recorded in the year 2015-16.

Data collection

Primary data: Structured questionnaire (verbal Autopsy form for maternal death).

Secondary data: Verbal Autopsy reports

PROCESS

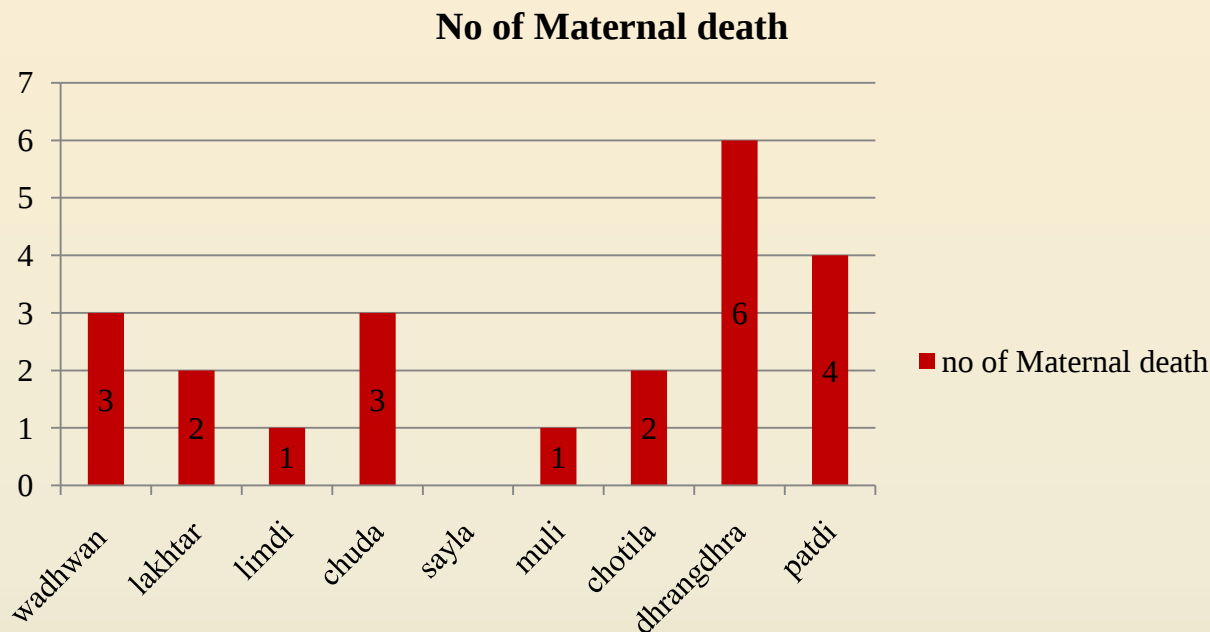
Step-1 – Using Secondary Data For 22 Maternal Deaths Reported In Between April 2015 To January 2016

Step-2- Using Primary Data For 3 Maternal Deaths Reported From February 2016 To April 2016.

FINDINGS & RESULTS

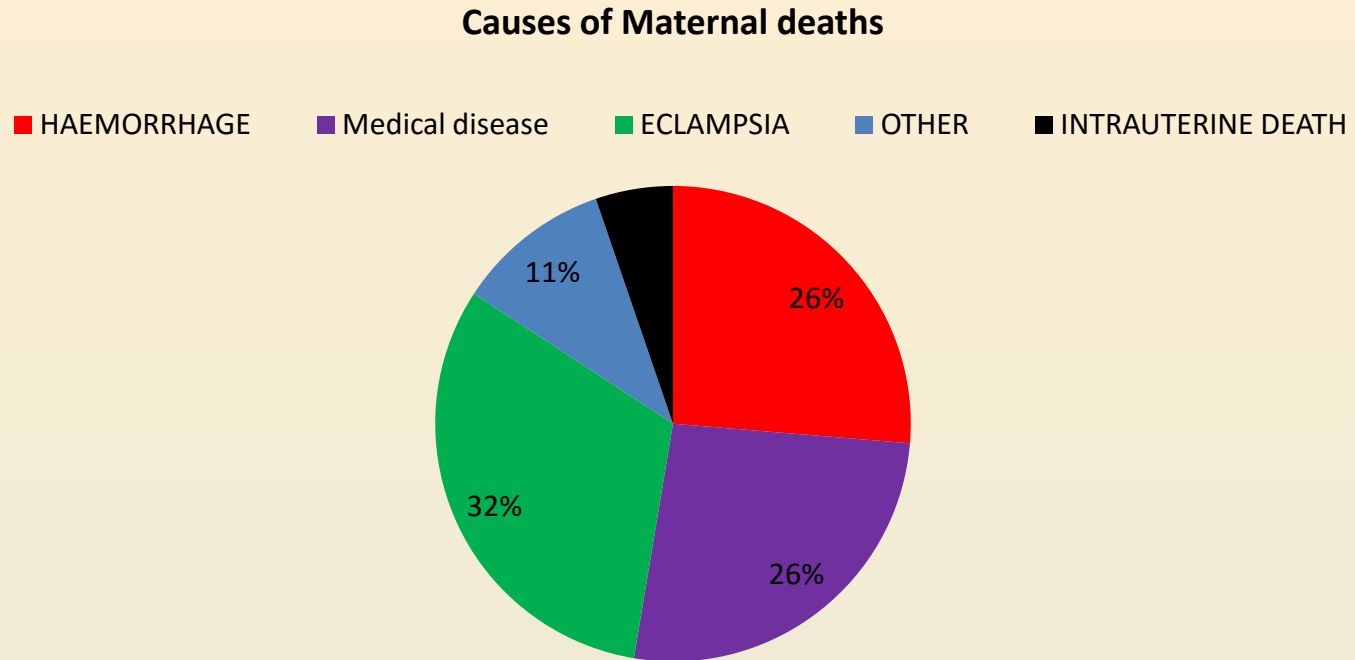
Distribution of Maternal death

-25 maternal deaths were reported during 2015-2016 in surendranagar



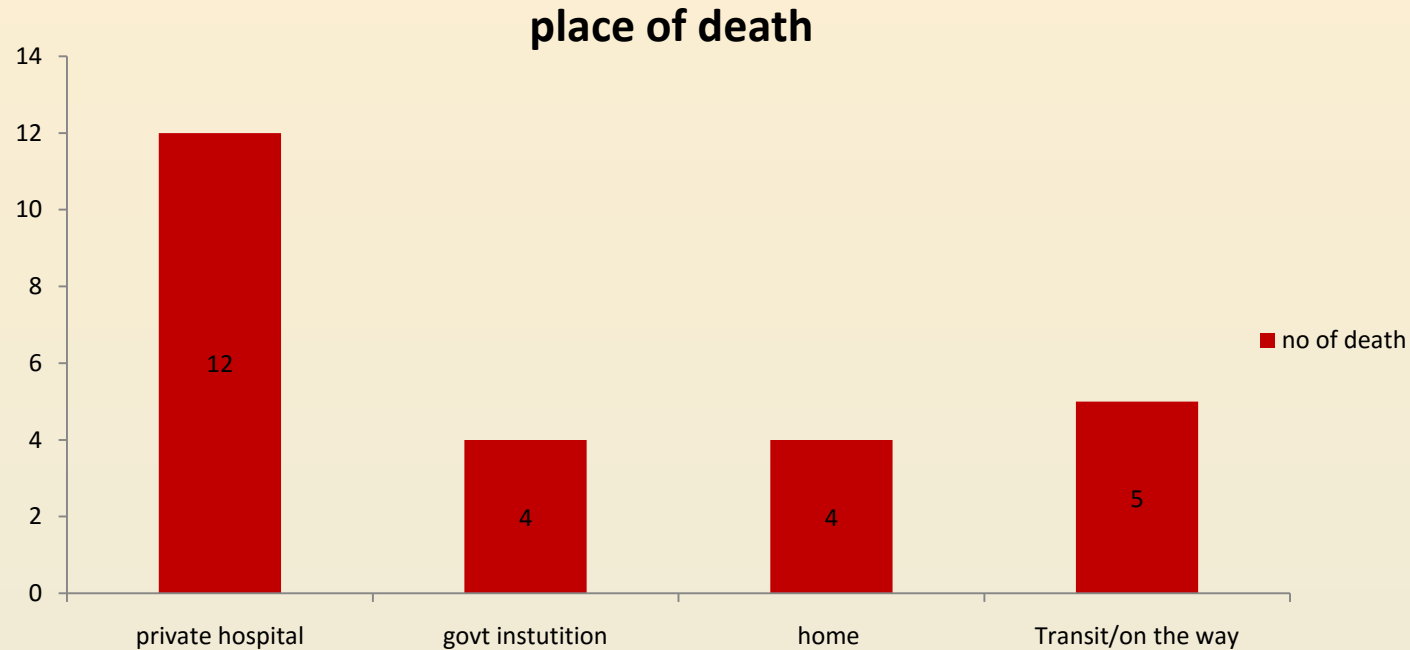
- Block Dhrangdhra reported a maximum of 6 i.e. 25% of total maternal deaths reported in district followed by 4 maternal death in patdi and 3 death in Wadhwan and Chuda block.

Cause of maternal death



- Hemorrhage is 26 percent followed by other causes like eclampsia, medical disease, intrauterine death and indirect causes.

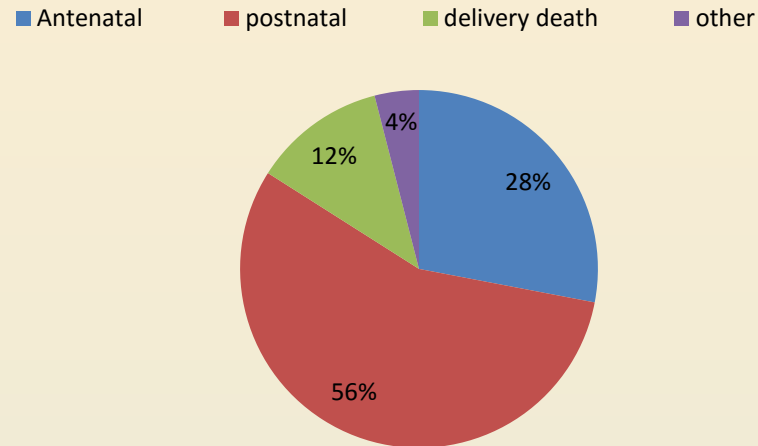
Place of Death



Home delivery accounted to 4 deaths i.e. 16 percent of total maternal deaths and 4 deaths in government institution and 12 deaths recorded in private hospitals.

Period of Maternal death

Period of Death

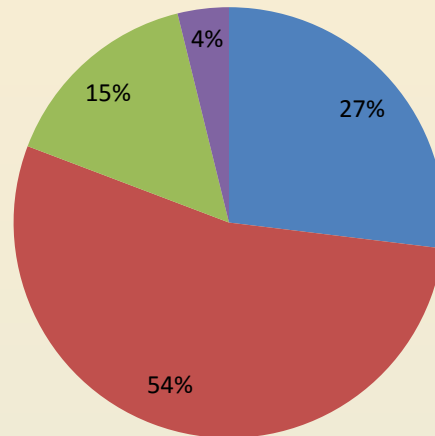


56 percent deaths reported occurred in postnatal period, 28 percent deaths happened in antenatal period and 12 percent death reported during delivery time.

Education status of deceased women

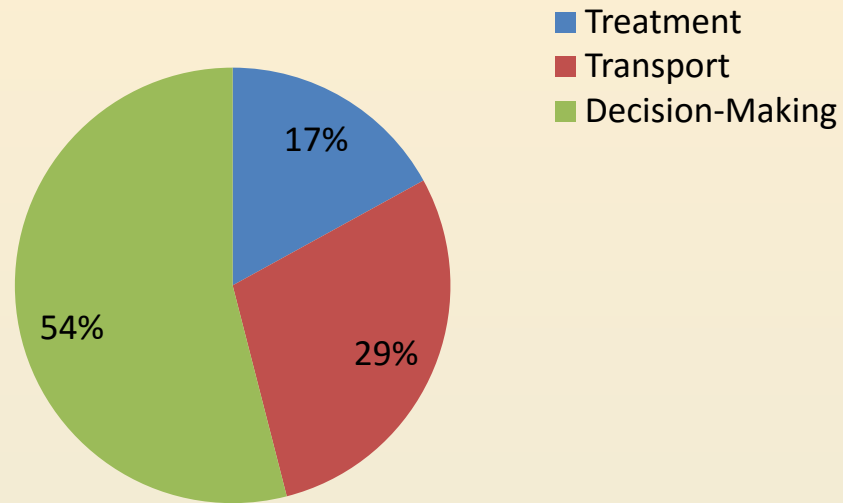
Education status of deceased women

■ illiterate ■ primary ■ secondary ■ higher secondary



27 percent deceased mother were Illiterate ,54 percent deceased mothers were in primary level

Level of delay



When WHO three delay were analyze 54% of delay due to decision-making ,29% delay due to transport.

Conclusion

- Block Dhranghra show less institutional delivery nearby 60% and less delivery point as per annual report of Surendranagar, so more delivery point required. Chief District Officer and taluka health officer done mapping. Post natal period most of the death occurred, so required to do more focus on HBNC care, taluka health officer done concurrent monitoring for the same. IEC for the institutional delivery to be conducted for the awareness of the health related issue in ANC period.

Suggestion

- Strengthening of Emergency obstetric services in District.
- Improving Quality of Health care.
- Education of young girl.
- Strengthening of all Phc & Chc's.
- BCC and IEC Activities.

limitation

- Verbal Autopsy forms used for the Study were Not Filled Completely suggesting chance of Information Bias.
- Quality of verbal Autopsy form filled by BHO is very poor so many information were not filled by BHO so it was not possible to fill all information.

THANK YOU