Original Research Paper

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Obstetrics & Gynecology

OBSTETRICS HYSTERECTOMY- A RAY OF HOPE OF DYING MOTHER

Dr Puja Dubey — Post Graduate , Department of Obstetrics & Gynecology , Kaithar Medical College and Hospital, Katihar, Bihar.

Dr Rounak* — Post Graduate, Department of Obstetrics & Gynaecology,Katihar medical College and Hospital, Katihar, Bihar.*Corresponding Author

ABSTRACT **Aim and objective-** To study the incidence, risk factors and maternal and fetal outcomes in cases of emergency obstetric hysterectomy. **Material and method :Study design –** Hospital based retro prospective study, Study place –Obstetrics and gynaecology department KMCH Katihar. Result-Total deliveries during this period was 11500 out of these 40 patients underwent obstetric hysterectomy giving an incidence of 0.35%.**Conclusion** -Obstetric hysterectomy can save many maternal lives. Fast decision and excellent surgical skill is required. Thus obstetric hysterectomy is a necessary evil in obstetrics.

KEYWORDS : Hysterectomy, post-partum haemorrhage , rupture uterus

INTRODUCTION

Emergency obstetric hysterectomy is the removal of uterus either after vaginal delivery or during C-section or during post partum period . it is a vital procedure to save the life of a mother , opted as a desperate attempt when all measure fail to control catastrophic haemorrhage .

Trying situation for the obstetrician as on one hand it is a life saving produce , but on the other hand it put an end to the women's reproductive capability .The objective of this study is to study the incidence , risk factors and maternal and fetal outcomes in cases of emergency obstetric hysterectomy The review of cases is that hysterectomy is commonly performed to arrest or prevent hemorrhage from intractable uterine atony or abnormal placentation (batman , 2012;Hernandez , 2012 Owalabi,2013)

During a 25 year period , the rate of peripartum hysterectomy has risen attributed to the increasing rates of caesarean delivery and its associated complication in subsequent pregnancy .(Bodelon,2009;Flood ,2009)

MATERIAL AND METHODS

- study Design :it is a hospital based retrospective study
- study Place :katihar Medical college , obt and gyne Department
- study period :January 2021 to December 2022

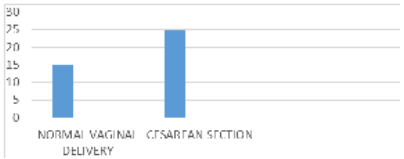
RESULTS

Total deliveries during this period was 11500 out of these 40 patients underwent obstetrics hysterectomy giving an incidence of 0.35%.Maximum patient belonged to the age group 26-20 years . Minimum age was 21 years and maxmum age was 35 years .Majority of the patients who underwent obstetric hysterectomy were uneducated and unbooked .

INCIDENCE OF EMERGENCY OBSTETRICS HYSTERECTOMY(EOH)FOLLOWING VAGINAL DEILVERY

	NUMBER OF PATIENTS	EOH	INCIDENCE
NORMAL VAGINAL DELIVERY	9430	15	1.2%
CESAREAN SECTION	2070	25	0.15%
TOTAL	11500	40	1.35%

INCIDENCE OF EMERGENCY OBSTERICS HYSTERECTOMY (EOH) FOLLOWING VAGINAL DELIVERYAND CESAREAN SECTION



INDICATION AND HIGH RISK FACTORS

TOTAL NO = 40

Pospartum haemorrhage -22

Atonic PPH -14

Mojor degree of placenta previa -08

Rupture uterus -10

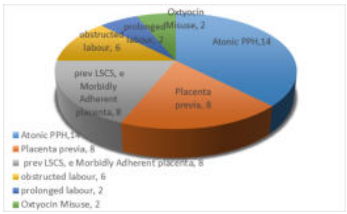
Obstructed labour -6

Prolong Lobour -2

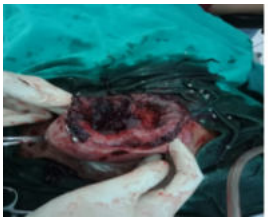
Oxytocin misuse

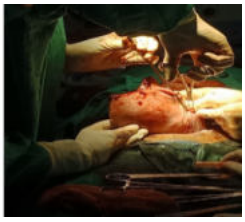
PrevLSCS with morbidly adherent placement -08

INDICATION AND HIGH RISK FACTORS



A CASE OF RUPTURED UTERUS





DISCUSSION

Incidence in our study was 0.35%, which is near to that reported from juneja Sk et al (0.52 %). In our study the most common indication of emergency obstetric hysterectomy is Atomic PPH similar to Juneja Sk et al and Chawla jet al

In our study maxmimum number of cases neede blood transfusion (62%) Fetal outcome in maximum cases undergoing obstertrics hysterectomy was IUFD(45%)

CONCLUSION

Obstetric hysterectomy can save many maternal lives . Fast decision and excellent surgical skill is required .Thus obstetric hysterectomy is a necessary evil in obstetrics . Although it curtails the future child bearing potential of a women yet it saves the life of a mother . thus called "A ray of hope for for the dying mother

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