

DEDICATION

To my parents.....

To my wife and children.....

To my grand family.....

**To everyone who helped and
supported me...**

Acknowledgement

I hereby thank Allah The all merciful for continuous successful I used to offer throughout every step of my life.

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Abstract - Arabic

ملخص الدراسة

الاهتمام بالحوامل من أولويات الرعاية الصحية الأولية عالمياً. تعتبر رعاية الحامل من التحديات الأساسية التي تواجه نظام الرعاية الصحية الأولية في سبيل الحفاظ علي الأمومة الآمنة وتقليل معدلات الوفيات والاجهاضات.

في هذه الدراسة تم الكشف علي 986 إمراة حامل باستخدام التصوير بالموجات فوق الصوتية، 100 حالة منهن يعانين مضاعفات الاجهاض.تمت هذه الدراسة بمركز التأمين الصحي بمدينة بابنوسة - جنوب كردفان خلال الفترة من نوفمبر 2006 وحتى نوفمبر 2007.

تم الكشف علي جميع المرضي باستعمال جهاز موجات فوق الصوتية ماركة فوكودا بماسح 3.5 ميگاهيرتز. كانت اعمار المرضي تتراوح بين 16 و 47 سنة بمتوسط عمر 17 سنة. كان معدل حدوث الاجهاضات 10.1% من جميع حالات الحمل التي تم الكشف عليها. كان أعلى معدل الإصابات في الفئة العمرية (20 إلي 30 سنة). ويعتقد أن السبب الأساس والرئيس لهذه الاجهاضات هو حمل الأشياء الثقيلة بالاضافة للاسباب الاخري مثل الحوادث، خلل وضع المشيمة ... الخ .معظم الاجهاضات كانت في فترة الحمل الأولي (الثلاثة عشر اسابيع الاولي من الحمل) وأكثر الفئات تعرضاً هن ربات المنازل بنسبة 76%.

Abstract - English

The primary health care represents a worldwide issue. Maternal care is a real problem that faces the primary health care system for the safety of the mother and decreases the mortality and abortion rates.

In this study 986 pregnant women were scanned with concentration on 100 women of them who have been suffering from abortion complication. This study was at the insurance medical health centre in Babanoso (south of Kordufan) during the period from November 2006 to November 2007. All patients were evaluated sonographically using Fukuda ultrasound machine with probe 3.5 MHz. Patients age was between 16 to 47 years old with mean of 17 years old. The incidence of abortions was 10.1% of all recognized pregnancies, the high currency was among those who belonged to age group (20 to 30). The main common cause of these abortions might be heavy lifting and other causes

such as trauma, placental defect....etc. The most cases were in the 1rst trimester of pregnancy. The high frequency was among housewives women it was 76%.

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Abbreviations

G.A:	gestational age
U/S:	ultrasound
WHO:	world health organization
M.D:	medical doctor
USA:	united states of America
UK :	united kingdom
Wk:	week
n	number
MHz:	megahertz
UNFPA:	united Nations Population Fund
PKBI:	indonesian Family Planning Association
D + C:	dilatation and curettage for the uterus
IUD:	intrauterine fetal death
hCG:	human chorionic gonadotrobine
EEG:	electroencephalography
KHz:	kilohertz
CRL:	crown rum length
TVS:	trans vaginal scanning
RPOC:	retained products of conception
MSD:	mean sac diameter
HFEVS:	high-frequency endovaginal sonography
Pt:	patient
SPSS:	statistical package for social science
H.D:	heavy duty
P.d:	placental defect
Chrom:	chromosomal
UT:	uterine
LD:	liquor defect
Infect:	infection
Unk:	unknown
HCb:	hexachlorobenzene
AGA:	appropriate for gestational age
SGA:	small for gestational age
LGA:	large for gestational age