سامية محمد مصطفى



شبكة المعلومات الحامعية

# بسم الله الرحمن الرحيم



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سامية محمد مصطفي



شبكة العلومات الحامعية



شبكة المعلومات الجامعية التوثيق الالكتروني والميكروفيلم





سامية محمد مصطفى

شبكة المعلومات الجامعية

## جامعة عين شمس

التوثيق الإلكتروني والميكروفيلم

## قسو

نقسم بالله العظيم أن المادة التي تم توثيقها وتسجيلها علي هذه الأقراص المدمجة قد أعدت دون أية تغيرات



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سامية محمد مصطفى

شبكة المعلومات الحامعية



بالرسالة صفحات لم ترد بالأصل





### A Randomized Controlled Trial on the use of Misoprostol in the induction of labour

#### **THESIS**

Submitted In Partial Fulfillment of Requirements For the Master degree in Obstetrics and Gynecology

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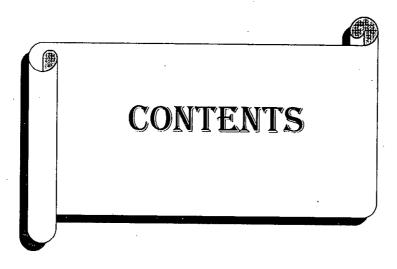
Faculty of Medicine, Assiut University.

2000

بسم الله الرحمن الرحيم

ووصينا الإنسان بوالحايه إكسانا كملته أمه بكرها ووضعته بكرها ووضعته بكرها وعمله الإثون شهرا

من الآية (١٥) سورة الأحقاف



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Ahmed Yousif Shahin 2000

#### LIST OF ABREVIATIONS

ACOG= American College of Obstetricians and Gynecologists.

AROM= Artificial rupture of membranes

AS = Apgar Score

AUH = Assiut University Hospital

BPP = Biophysical profile

C.S. = Cesarean section

cm. = centimetres

CST = Contraction stress test

CTG = Cardiotocography

Cx. = Cervix/cervical

EDC = Estimated date of confinement

FHR = Foetal heart rate

GAGs= Glucosaminoglycans.

hrs. = hours

HSS = Hyperstimulation syndrome

IDI = Induction to delivery interval

IL = Interleukin

IUFD = Intrauterine foetal death

min. = minutes

NSAIDs= Non steroidal anti-inflammatory Drugs

NST = Non stress test

PG = Prostaglandins

PGE1 = Prostaglandin E1

PGE2 = Prostaglandin E2

PGF2 = Prostaglandin F2

ROM = Rupture of membranes

S.D. = Standard deviation

 $\mu$ gm = micrograms

# INTRODUCTION & AIM OF THE WORK

#### INTRODUCTION

#### AND AIM OF THE WORK

Induction of Labour has been widely accepted as a resort in cases where continuation of pregnancy carries certain risks to the Mother and/or the fetus. Techniques for inducing Labour have been available for over 400 years, but, however, it has only been in the last few years that it has become better under stood. In the course of a normal pregnancy, the integrity of the cervix is maintained until term by a closed –so called unripe – cervix. At term, activation of prostaglandins E2 (PGE2) [being released from the amnion], causes softening of the cervix, thus being more compliant and more easy to dilate in response to myometrial contractions, a state which is actually promising for a successful Labour.

This study is a randomized prospective comparative study of Intravaginal Misoprostol ((a prostaglandin E1 methyl analogue)) versus oxytocin in the induction of Labour.

Aim of this work is to evaluate and compare both efficacy and safety of these two drugs.

# REVIEW OF LITERATURE