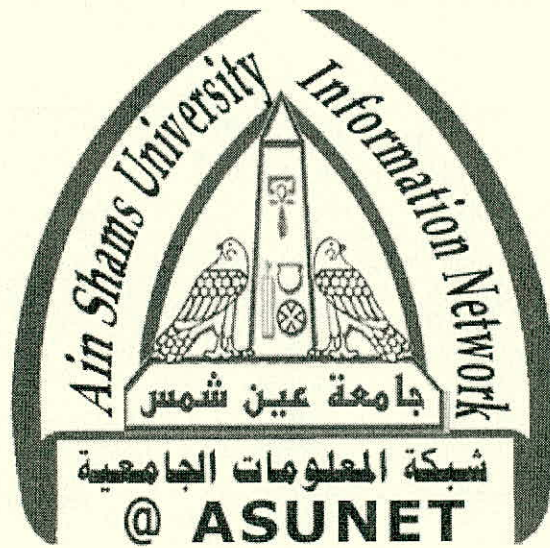




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A STUDY OF
INTRAPARTUM AMNIOTIC FLUID INDEX
IN CASES OF PREMATURE RUPTURE OF MEMBRANES &
ITS RELATION TO THE NEONATAL APGAR SCORE

THESIS

Submitted in Partial Fulfillment
Of Master Degree
In
OBSTETRICS and GYNECOLOGY

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KEY WORDS:

- Amniotic fluid index
- Premature rupture of membranes
- Apgar score

Abstract:

This study was carried out in Kasr El-Eini Hospital on 61 patients complaining of premature rupture of membranes of less than 24 hours, this study was carried out to settle a relation between the amniotic fluid index measured during labour for this patients and the occurrence of fetal distress, performance of caesarian sections and the poor Apgar score.

A cut off value of 6 cm was obtained for prediction of occurrence of fetal distress, performance of caesarian sections and low Apgar score at the 1st minute.

ACKNOWLEDGMENT

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Walid El-Sherbiny

TO MY FAMILY

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LIST OF ABBREVIATIONS

<u>ABBREVIATION</u>	<u>TERM</u>
AFP	: Alpha Feto-Protein.
AFI	: Amniotic fluid index
ADH	: Anti diuretic hormone.
AFV	: Amniotic fluid volume
AF	: Amniotic Fluid
CNS	: Central Nervous System.
CRP	: C- reactive protein
DNA	: Deoxyribonucleic acid.
ELISA	: Enzyme linked Immunosorbant assay
FHR	: Fetal heart rate
GBS	: Group B- Streptococci
G.CSF	: Granulocyte colony stimulating factor.
HMD	: Hyaline membrane disease.
HCG	: Human Chorionic Gonadotrophin
IAI	: Intra-amniotic infection
IL	: Interleukin
IGF.1	: Insulin-growth factor binding protein-1
KHz	: Kilo Hertz.
LPS	: Lipopolysaccharide
mRNA	: Messenger ribonucleic acid.
PROM	: Premature rupture of membranes.

PPROM	:	Preterm premature rupture of membranes.
PCR	:	Polymerase chain reaction.
P	:	Probability.
r	:	Correlation Coefficient
RDS	:	Respiratory distress syndrome.
SROM	:	Spontaneous rupture of membranes.
TLC	:	Total leucocytic count.
χ^2	:	Chi- Square test