

**Leptin and Insulin levels in umbilical cord
blood of infants of diabetic mothers:
Relation to fetal birth weight**

Thesis

*Submitted for Partial Fulfillment of the Master
Degree of Obstetrics & Gynecology*

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List of abbreviations

AGA	Appropriate for gestational age
AA	Ascorbic acid
ATP	Adenosine triphosphate
aa	Amino acid
BMI	Body mass index.
BAT	Brown adipose tissue
BPIs	Brachial plexus injuries
CS	Cesarean section
CNS	Central Nervous System
CSF	Cerebrospinal fluid
DM	Diabetes mellitus
D 10%	Dextrose 10%
DNA	Deoxyribonucleic acid
DHA	Dehydroascorbic acid
ECG	Electro cardiogram
EFM	Electronic fetal heart rate monitoring
GDM	Gestational diabetes mellitus
HbA1C	Glycosylated hemoglobin
HMD	Hyaline membrane disease
IGFs	Insulin like growth factors
IUGR	Intrauterine growth retardation
IUFD	Intrauterine fetal death

<i>List of abbreviations</i>

IDDM	Insulin dependent diabetes mellitus.
IDMs	Infant of diabetic mothers
IL-1β	Interleukin 1 β
kDa	Kilodalton
IVS	Interventricular septal thickness
LGA	Large-for-gestational age
LVEDD	Left ventricular end diastolic dimension
mRNA	Messenger ribonucleic acid
NPY	Neuropeptide Y
NIDDM	Non insulin dependent diabetes mellitus
OGTT	Oral glucose tolerance test
PG	Phosphatidyl glycerol
PI 3-K	Phosphatidylinositol-3 kinase
PTH	Parathyroid hormone
RDS	Respiratory distress syndrome
RNA	Ribonucleic acid
SGA	Small- for-gestational age infants
TTN	Transient tachypnea of the newborn
TGA	Transposition of great arteries
TSH	Thyroid stimulating hormone
TNFα	Tumor necrosis factor α
VSD	Ventricular septal defect
VMH	Ventromedial nucleus of the hypothalamus
WT	Weight.

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بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

قَالُوا سُبْحَانَكَ لَا عِلْمَ لَنَا إِلَّا مَا عَلَّمْتَنَا
إِنَّكَ أَنْتَ الْعَلِيمُ الْحَكِيمُ

صدق الله العظيم

البقرة الآية ٣٢



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Rehab Anwar

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