

C O N T E N T S

	<u>Page</u>
A. Historical Review of Antenatal Diagnosis	1
B. Aim of Antenatal Diagnosis	4
C. Review of Literature	6
a. Indications for antenatal diagnosis	6
b. Procedures	9
1. Ultrasonography	9
2. Fetoscopy	12
3. Amniocentesis	17
4. Radiography	21
5. Amniography and fetography	21
6. Chorion biopsy	22
c. Recombinant DNA technology & Antenatal Diagnosis of inherited defects	27
d. Conditions amenable to antenatal diagnosis	33
1. Antenatal diagnosis of neural tube defects	33
2. Antenatal diagnosis of hydrocephaly	42
3. Antenatal diagnosis of microcephaly	43
4. Antenatal diagnosis of inherited metabolic diseases	44
5. Antenatal diagnosis of chromosome anomalies	51
6. Antenatal diagnosis of congenital anomalies	59
7. Antenatal diagnosis of haemoglobinopathies	67
8. Antenatal diagnosis of haemophilia and allied bleeding disorders	70
9. Antenatal diagnosis of rhesus (Rh) incompatibility	74

	<u>Page</u>
10. Antenatal diagnosis of multiple pregnancy	78
11. Antenatal diagnosis and the muscular dystrophies	81
12. Fetal sex	84
13. Antenatal diagnosis of maturity and deviant fetal growth	86
D. Monitoring During Labour	90
1. Electronic fetal stress and nonstress tests	90
2. Asphyxia and fetal distress	94
E. Summary	101
F. References	105
G. Arabic Summary	