Contents

Forev	word	vii
Forev	word	XI
Prefa	ce	xiii
1.	Introduction	1
2.	Epidemiology of NTD and Down's Syndrome	6
3.	First Trimester Screening for Down's Syndrome	10
4.	Second Trimester Maternal Serum Screening for Down's Syndrome and Neural Tube Defect (NTD)	21
5.	Ultrasonography at 10 Weeks 6 Days to 13 Weeks 6 Days: Valuable Addition to Maternal Serum Screening Pooja Vazirani	33
6.	Non-invasive Prenatal Testing (NIPT) as an Advanced Screening for Aneuploidies of Chromosomes 13, 18, 21 Gayatri Jayaraman	60
7.	Prenatal Diagnostic Procedures for High Risk Pregnancies	79
8.	Genetic Confirmatory Test After Maternal Serum Screening Test Hema Purandarey	90
9.	Overview of Expanded Maternal Serum Screening Program	103
	Annexures	105
	Index	113