Contents

SECTION 1: WOMEN ISSUES IN RHEUMATIC DISEASES

1. Rheumatoid Arthritis and Pregnancy **3**
Ashok Kumar, Anil Abrol
Fertility in Rheumatoid Arthritis 3
Effects of Pregnancy on Rheumatoid Arthritis 4
Possible Mechanisms of Effects on Disease Activity 5
Pregnancy Outcomes in Rheumatoid Arthritis 6

2. Pregnancy and SLE **10**
Amita Aggarwal
Immunologic Changes in Pregnancy 10
Effect of Pregnancy on SLE 11
Effect of SLE on Pregnancy 11
Management of SLE and Pregnancy 13
Management of Pregnancy with Anti-Ro/La Positivity 16
Management of Pregnancy with APS 16
Long-term Consequences of Lupus Pregnancy 17

3. Lupus Nephritis and Pregnancy **19**
Manish Rathi
Is Pregnancy Possible in Patients with Lupus Nephritis? 19
What is the Most Preferred Time for Pregnancy? 20
What if Patient with LN Decides to get Pregnant? 20
Long-term Outcome of Pregnant LN Patients 22

4. Pregnancy in Systemic Sclerosis **24**
Shefali K Sharma
Fertility in Systemic Sclerosis 24
Pregnancy Outcomes 25
Prematurity 25
Effects of Pregnancy on Systemic Sclerosis 26
Management of Pregnancy 27
Management of Delivery 28

5. Antiphospholipid Syndrome in Pregnancy **31**
Benzeeta Pinto, Varun Dhir
Pathogenesis of Antiphospholipid Syndrome 31
Diagnosis of APS and Criteria of Classification 32
Laboratory Findings in APS 35
Treatment of Antiphospholipid Syndrome in Pregnancy 38

6. Systemic Vasculitis and Pregnancy **44**
Vinod Ravindran
Fertility 45
Conception 45
Pregnancy 46
Postpartum Period 48
Pharmacotherapy Relevant to Pregnancy and Lactation 48

7. Antirheumatic Drugs in Pregnancy **50**
Ghan Shyam Pangtey, Anandh K, Shefali K Sharma
Minimal Maternal and Fetal Risk 52
Selective Use Allowed During Pregnancy 53
Moderate to High Risk of Fetal Harm 55
Unknown Risk 56

8. Use of Antirheumatic Drugs During Lactation **62**
Molly Mary Thabah, Vinod KV
Drugs Safe to be Used During Lactation 63
Potentially Safe Drugs that Can be Used During Lactation 66
Drugs to be Avoided During Lactation 68

9. Risk of Children Born to Mothers with Rheumatic Diseases **73**
Bonnie Abujam, Surjit Singh
Rheumatoid Arthritis 73
Ankylosing Spondylitis 74
Systemic Lupus Erythematosus 75
Systemic Sclerosis 75
Fetal Outcome and Rheumatic Diseases 76
Anti-Ro (SSA) and Anti-La (SSB) Antibodies—The Neonatal Lupus Syndrome 76
Commonly used Immunosuppresive Medications in Rheumatology and Risks thereof to the Fetus 76

SECTION 2: PEDIATRIC RHEUMATOLOGY

10. Juvenile Idiopathic Arthritis **83**
Shabina Habibi, Athimalaipet V Ramanan
Clinical Vignette 83
Classification 83
Clinical Features 84
Etiology and Pathogenesis 88

11. PUO and the Pediatric Rheumatologist **97**
Sujata Sawhney
Case Vignette 97
Epidemiological Data from India and Abroad 98
Clinical Approach 99
FUO 99
CEFUO 103

12. CTDs in Pediatrics **108**
Sharath Kumar
Terminologies 108
Clinical Suspicion of a CTD 110
Differential Diagnoses 110
Diagnostic Approach 110
SLE 112
Juvenile Dermatomyositis 117
Scleroderma 119
Sjögren's Syndrome 120
MCTD 120
UCTD 121
Overlap Syndrome 121

13. Neonatal Lupus Syndrome **125**
Manjari Agarwal, Mehul P Jariwala
Epidemiology 126
Pathogenesis 126
Clinical Presentation 127
Management 129
A Potential Prophylactic Approach 131
Prognosis 131

14. Childhood Vasculitis **135**
Vijay Viswanathan
The Case 135
Epidemiology 136
Classification 136
Pathogenesis 137
Clinical Features 139
Clinical 140
Laboratory 140
Serology 141
Radiology 142
Computerised Tomography and Ultrasonography 143
2-D Echocardiogram 143
Histology 144
Differential Diagnoses of Primary Vasculitides 144
Treatment Strategies 144
Prognosis 146

15. Transition of the Child with a Rheumatic Disease to the Adult Team **148**
Sathish Kumar
Defining Transition 149
What are the Differences Between Transition and Transfer? 149
What are the Steps to Successful Transition? 149

Why is Transition Important for Youth with Rheumatic Diseases? 150
What are the Determinants of Successful Transition and Transfer? 150
What are the Models of Transition? 151
What Goals Should be Adopted for a Pediatric Rheumatology Transition Program? 152
What are the Factors Determining a Patient's Readiness to Transfer Care to an Adult Rheumatologist? 153
What is the Current Scenario in India? 153
Examples of Web-based Resources for Transition 153
Index *157*