

Contents

1. Polycystic Ovary Syndrome—An Introduction	1
<i>Gita Ganguly Mukherjee, Basab Mukherjee</i>	
2. Definition and Diagnosis of PCOS	10
<i>Mandakini Parihar, CN Purandare</i>	
3. Genetic Aspects of Polycystic Ovary Syndrome	20
<i>Gangadhar Sahoo, Sujata Kar, SN Tripathy</i>	
4. Imaging of the Polycystic Ovary	30
<i>Narendra Malhotra, Jaideep Malhotra</i>	
5. Neo-Hormones in Polycystic Ovary Syndrome	37
<i>Pankaj Desai</i>	
6. Insulin Resistance and Hyperinsulinemia	50
<i>Sudarsan Ghosh Dastidar</i>	
7. Hyperandrogenism	59
<i>Kushagraadhi Ghosh, Subhash Chandra Biswas</i>	
8. Metabolic and Endocrine Changes during Normal Puberty and their Relevance to Adolescent PCOS	66
<i>BN Chakravarty, Yeshwant Mane</i>	
9. Obesity and PCOS	84
<i>Nalini Mahajan</i>	
10. Hirsutism	94
<i>Suneeta Mittal, Pakhee Aggarwal</i>	
11. PCOS and Menstrual Irregularities	106
<i>Abha Majumdar, Tejshree Singh</i>	
12. Polycystic Ovarian Syndrome: A South Asian Perspective (Review of the Role of Insulin Sensitizers)	125
<i>Fauzia Haq Nawaz, Harsha Seneviratne, Javed Haider Rizvi</i>	
13. Ovulation-Induction in Women with PCOS	144
<i>Eva Verschueren, Jan Gerris, Petra De Sutter</i>	

xii / Polycystic Ovary Syndrome

14. Role of Aromatase Inhibiting Agents	162
<i>Siddhartha Chatterjee, Banikumar Mitra</i>	
15. Role of Laparoscopic Ovarian Drilling in PCOS: The Facts and Myths	173
<i>Prakash Trivedi, Sylvia Noronha</i>	
16. IUI in PCOS	177
<i>PM Gopinath, Sunita Sharma</i>	
17. In Vitro Fertilization in Women with PCOS	184
<i>BN Chakravarty, SK Goswami</i> <i>Ratna Chattopadhyay, Sanghamitra Ghosh</i>	
18. Ovarian Hyperstimulation Syndrome	211
<i>Sadhana Desai, PV Suneetha</i>	
19. Immature Oocyte Collection and In Vitro Maturation	222
<i>Naiqing Chen, Swee-Lian Liow, Soon-Chye Ng</i>	
20. Reproductive Outcome in PCOS Women	239
<i>Sulbha Arora, Gautam N Allahbadia</i>	
21. Lifestyle Changes as an Etiology and Management of PCOS	248
<i>Sukumar Barik, Arup Kumar Majhi, Ashis Mukhopadhyay</i>	
22. Long-term Health Hazards in PCOS	254
<i>Gita Ganguly Mukherjee, H Konar</i> <i>BD Mukherjee, Mumtaz Sanghamita</i>	
23. Changing Concepts in PCOS	261
<i>BN Chakravarty, Sudip Chatterjee</i>	
<i>Index</i>	285