Contributors

Atul Munshi
Professor of Obstetrics and Gynecology
Smt NHL Municipal Medical College
Ahmedabad

Bhavin Kataria
Consultant Pharmacologist
Brand Leader
Astra Zeneca Pharma
Bengaluru

Deepika Deka
Professor of Obstetrics and Gynecology
All India Institute of Medical Sciences
Ansari Nagar, New Delhi

Dilip B Walke
Chairman
Ethics and Medicolegal Committee
FOGSI
Pune

Evita Fernandez
Consultant Obstetrics and Gynecology Specialist and Director
Fernandez Hospital
Hyderabad

Fessy Louis
Consultant Infertility Specialist
Thrissur (Kerala)

Harshad Parasnis
Hon Associate Professor
Bharati Vidyapeeth’s Medical College
Pune

KK Das
Consultant Obstetrics and Gynecology Specialist
Bokaro

Kuldeep Singh
Dr Kuldeep’s Ultrasound and Color Doppler Clinic,
D-80, East of Kailash,
New Delhi-110 065

Prakash Bhatt
Consultant Obstetrics and Gynecology Specialist
Varachha, Surat

Prakash Trivedi
Professor and Head of Obstetrics and Gynecology Department
Rajawadi Hospital
Mumbai

Rajesh Modi
Gynecologist and Endoscopy Surgeon
Akola Endoscopy Centre
Alsi Plots, Near NCC Office
Akola

Reva Tripathi
Department of Obstetrics and Gynecology
Maulana Azad Medical College
New Delhi

Sarbani Ghosh
Consultant Obstetrics and Gynecology Specialist
Bhairathi Neotia Hospital
Kolkata

Uma Singh
Professor
Department of Obstetrics and Gynecology
CSM Medical University
Lucknow

Vandana Walvekar
Retd Dean
Nowrosjee Wadia Hospital for Women
Parel, Mumbai
Editorial

Following an encouraging success of Volume 1 of this series, I have embarked upon editing Volume 2. The demand for this update was palpable for nearly two years now. However, the presidential responsibilities at FOGSI tied me down. As soon as I was free, the current mission was activated. As has been with the previous volume, I have tried to select topics that are either current or controversial. The contributors have been handpicked in view of their expertise in the field and standing in the subject. I would like to thank them whole-heartedly for the hard work that they have put into each of their contributions. They have strived to give the most up-to-date knowledge to the readers.

Introduction of a new concept: Two Perspectives on One Topic. As a student and a teacher, I am aware of the fact that every teacher has his or her own perspective of any aspect of the subject. Though the basics remain common but the approach and understanding differ. This makes the student desirous of knowing the other perspective from some other teacher. So as to meet this need, in this volume we have introduced two perspectives of the topic—Conservative Surgery for Menorrhagia. Both the authors are very renowned in their subject and both have a unique approach. Different perspectives need not necessarily mean a debate—in fact it is away from any controversy. Both are coupling each other and thereby making the subject complete.

The controversy of supplements in I-Trimester for supporting the pregnancy has seen the pendulum swinging to and fro. Therefore, aptly titled Sense and Nonsense of Hormonal Support in I-Trimester is an evidence-based stand taken on different hormones used in I-Trimester of pregnancy. Investigating for genetic markers and problems in II-Trimester is a very fast developing science. This has been covered in this volume. Vesicular mole shows many different approaches rising and falling. This is more so in relation to its most dreaded complication of choriocarcinoma. It is imperative now to evaluate every woman who has a mole for administering prophylactic chemotherapy. All these aspects get covered in the chapter Prevention and Treatment of Choriocarcinoma. Amongst the medical disorders, epilepsy treatment still makes a clinician sit up and read every time as he has such a subject to treat. Epilepsy in
Pregnancy is a chapter that covers the latest in approach to this challenge. Iron and calcium are the most commonly prescribed agents in pregnancy. No wonder most companies market them. The clinician then is at a disadvantage - what to prescribe and when? This is covered succinctly in two relevant chapters. Color Doppler is one more weapon in the armamentarium of the obstetrician. Though we all may not be able to do it, we all must be able to interpret the results. Therefore, a chapter on Decision Making through Color Doppler has been added. Induction of labour when, how and why has many new understandings. These get covered in the current volume. Babies born of ART are now on the surface of the earth for decades. It is time to pause and review the obstetric and perinatal outcome following ART. There is a chapter exclusively reviewing it.

Oligospermia is intriguing and managing it, is all the more challenging. The chapter covering this aspect, tries to cover this current approach to the topic. What is new in fibroid? Well, many advances have come, some have stayed, others have blown away. The topic on this has been authored by the authority that has done unique and outstanding work on this aspect. It is scary to imagine handling hysterectomy on a “Day Care” basis. But when you think something is impossible, someone else is already doing it elsewhere. There is a chapter on this aspect of laparoscopic hysterectomy being handled in a day care clinic. As in Volume 1, we have covered two allied aspects which I am sure will enrich the reader all the more.

As I place this volume in the hands of the reader—a student or a teacher or a practitioner of the subject, I feel satisfied that whatever was envisaged at the commencement of this volume could be accomplished. I now pray to Goddess Saraswati (Aetheus) of learning to make these pages most useful to the reader and help him/her serve humanity and making to the best of his/her ability.

Pankaj Desai
## Contents

### SECTION 1: OBSTETRICS

1. Sense and Nonsense of Hormonal Support in First Trimester of Pregnancy ............................... 3  
   Prakash Bhatt

2. Second Trimester Genetic Sonogram .............................................. 24  
   Deepika Deka, Ashok Khurana

3. Prevention and Treatment of Choriocarcinoma ............................. 41  
   Harshad Parasnis

4. Epilepsy in Pregnancy ................................................................. 54  
   Evita Fernandez

5. Understanding the Maze of Iron in Pregnancy ......................... 71  
   Bhavin Kataria

   Bhavin Kataria

7. Color Doppler in Decision Making in Late Pregnancy ............. 86  
   Kuldeep Singh

8. Induction of Labor ........................................................................ 94  
   Reva Tripathi, Chanchal

9. Obstetric and Perinatal Outcome Following ART .................... 119  
   Sarbani Ghosh

### SECTION 2: GYNECOLOGY

    Fessy Louis, Gopinathan KK

11. New Understandings in Fibroid Uterus ..................................... 154  
    Prakash Trivedi
12. Day Care Laparoscopic Hysterectomy ........................................... 179
   Rajesh Modi

13. Non-hormonal Management of Menopause ............................... 194
   Atul Munshi, Sujal Munshi

   Uma Singh

15. Conservative Surgery for Menorrhagia: Perspective II ............. 223
   Vandana Walvekar, Geetha Balsarkar, Tejas Purandare

SECTION 3: ALLIED

16. Medicolegal Bearings of Re-laparotomy in Ob-Gyn Practice ................................................................. 235
   Dilip B Walke, Jayant Navrange

17. Stress Management for Doctors .................................................. 243
   KK Das

Index ...................................................................................................... 263