## SECTION 1 Definition, Epidemiology, and Implications of Male Infertility

1 Definition, Epidemiology, and Implications of Male Infertility
SECTION 2 Causes of Male Infertility

2 Pretesticular Causes of Male Infertility

3 Testicular Causes of Male Infertility

4 Posttesticular Causes of Male Infertility

5 Environmental/Lifestyle Factors and Male Infertility

6 Idiopathic Male Infertility

SECTION 3 Diagnosis of Male Infertility
7 Medical History and Physical Examination of Infertile Males
8 Basic Semen Analysis
9 Sperm DNA Fragmentation Tests

10 Genetic and Genomic Tests of Infertile Males

11 Computer-Assisted Semen Analysis

12 Seminal Oxidative Stress and Reactive Oxygen Species Testing

13 Assessment of Reproductive Hormones in Infertile Males

14 Imaging in Male Factor Infertility

## SECTION 4 Medical Treatment of Male Infertility

15 Hormonal Therapy of Male Infertility
16 Antioxidants Therapy of Male Infertility

17 Antibiotic Therapy of Male Infertility

18 Alternative Therapy of Male Infertility

SECTION 5 Surgical Treatment of Male Infertility

19 Varicocele Repair in Infertile Males

20 Management of Ejaculatory Duct Obstruction
21 Surgical Sperm Retrieval and Processing for Assisted Reproductive Technology

## SECTION 6 Assisted Reproduction

22 Intrauterine Insemination With Homologous Semen

23 In Vitro Fertilization/Intracytoplasmic Sperm Injection

24 Techniques for Selection of Surgically Retrieved Sperm for Intracytoplasmic Sperm Injection

25 Sperm Banking

SECTION 7 Clinical Practice Guidelines for Male Infertility

26 Guidelines of the American Society for Reproductive Medicine, American Urological Association, and European Association of Urology

27 Expert Opinion: Management of Male Infertility in the Postintracytoplasmic Sperm Injection Era

## SECTION 8 Insights Into the Future of Male Infertility

28 Clinical Perspective in the Postintracyoplasmic Sperm Injection Era
29 Research Perspectives in the Postintracytoplasmic Sperm Injection Era
Index

