



UNIVERSITY
OF BRESCIA

DEPARTMENT OF CLINICAL AND EXPERIMENTAL SCIENCES



INTERNATIONAL SUMMER SCHOOL

2nd edition

Andrology and Male Reproduction

Course Director: Alberto Ferlin

Brescia, 1-5 July 2019

School of Medicine, Aula N
V.le Europa 11, Brescia, Italy

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Under the auspices of



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Società Italiana di Andrologia
e Medicina della Sessualità

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per la Ricerca Biomedica

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Day 1 – Monday 1 July 2019

- 14.30 Welcome and introductory remarks
- 15.00 The clinical andrologist in multidisciplinary view, the role of prevention and network
Alberto Ferlin
- 15.45 Physiology and general pathophysiology of testicular function
Andrea Delbarba
- 16.30 Current trend and research methodologies in andrology and male reproduction
Alberto Ferlin
- 17.15 Presentation of clinical cases to develop during the School
Filippo Maffezzoni
- 17.45 End of day 1 – welcome drink

Day 2 – Tuesday 2 July 2019

- 09.00 Working groups
- 09.30 Male infertility: general aspects, epidemiology and major risk factors
Alberto Ferlin
- 10.15 Male infertility: environment and lifestyle
Andrea Garolla
- 11.00 Coffee break
- 11.30 HPV and male infertility
Andrea Garolla
- 12.15 Male infertility: clinical approach
Alberto Ferlin
- 13.00 Lunch break
- 14.00 The clinics of semen analysis
Alberto Ferlin
- 14.45 Male infertility: endocrine assessment
Andrea Delbarba
- 15.30 Male infertility: imaging of testes and seminal tract
Nicola Caretta
- 16.15 Coffee break
- 16.45 Penile color Doppler ultrasonography in the assessment of erectile dysfunction
Nicola Caretta
- 17.30 Male infertility: diagnostic flow charts
Alberto Ferlin
- 18.00 Working groups
- 18.15 End of day 2

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Day 3 – Wednesday 3 July 2019

- 09.00 Female sexual function and dysfunction: psychosexology approach
Erika Limoncin
- 09.45 Physiology of erection and ejaculation, and general diagnostics of erectile dysfunction and premature ejaculation
Maurizio De Rocco Ponce
- 10.30 Male sexual function and dysfunction: psychosexology approach
Erika Limoncin
- 11.15 Coffee break
- 11.45 Management of congenital hypogonadotropic hypogonadism
Marco Bonomi
- 12.30 Erectile dysfunction as cardiovascular marker
Maurizio De Rocco Ponce
- 13.15 Lunch break
- 14.00 Seminar of the Specialization School in Endocrinology
Didactic room in Brescia Hospital, scala 5, floor 5 (in Italian)
- HIV, hypogonadism and osteoporosis
Vincenzo Rochira
- 16.00 Testicular function beyond testosterone
Alberto Ferlin
- 16.45 Coffee break
- 17.15 Role of estrogens in the male
Vincenzo Rochira
- 18.00 Working groups
- 18.15 End of day 3
- 20.00 Social dinner at Enoteca Da Bacco, Montichiari (BS)**

INTERNATIONAL SUMMER SCHOOL

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Day 4 – Thursday 4 July 2019

- 09.30 Male infertility as a marker of general health
Alberto Ferlin
- 10.15 Treatment of male infertility: general considerations
Andrea Delbarba
- 10.45 Embryology and ART: what the andrologist need to know
Lucia De Santis
- 11.45 Coffee break
- 12.15 Treatment of male infertility: FSH
Alberto Ferlin
- 13.00 Lunch break
- 14.00 Epidemiology of cancers in reproductive age and effects of anticancer treatments on fertility
Alberto Dalla Volta
- 14.45 Female fertility preservation: state of art
Lucia De Santis
- 15.30 Treatment of erectile dysfunction
Andrea Delbarba
- 16.15 Coffee break
- 16.45 Fertility preservation and restoration in the male
Alberto Ferlin
- 17.30 Working groups
- 18.00 End of day 4

Day 5 – Friday 5 July 2019

- 09.00 Genetics of male infertility
Alberto Ferlin
- 09.45 Diagnostic and clinics of late onset hypogonadism
Giovanni Corona
- 10.30 Klinefelter syndrome: fertility and beyond
Alberto Ferlin
- 11.15 Coffee break
- 11.45 Diabetes, obesity and testosterone
Giovanni Corona
- 12.30 Conclusion
- 13.00 End of School