

EAA Andrology Training Center

Book I. Centre Report

**Autumn
2013**



First Department of Obstetrics & Gynecology
Medical School
Aristotle University of Thessaloniki

ARISTOTLE UNIVERSITY OF THESSALONIKI
MEDICAL SCHOOL

COLLABORATIVE DEPARTMENTS

FIRST DEPARTMENT OF OBSTETRICS AND GYNECOLOGY
UNIT FOR HUMAN REPRODUCTION
UNIT FOR REPRODUCTIVE ENDOCRINOLOGY

CENTRE REPORT



Name and address of Centre

Aristotle University of Thessaloniki, Greece

"Papageorgiou" General Hospital

Ring Road, Nea Efkarpia

56403 Thessaloniki, Greece

Type of Centre

University

☒

University Hospital

Private Centre

Other (please specify)

1. Director

Prof. Basil C. Tarlatzis

Academician

☐

Affiliated Member

☐

Clinical Andrologist

☐**2a. Clinical responsible**

Ass. Prof. Dimitrios G. Goulis

(Endocrinology & Reproductive Endocrinology)

Academician

☒

Affiliated Member

☐

Clinical Andrologist

☐**2b. Clinical responsible**

Ass. Prof. Ioannis Vakalopoulos

(Urology & Sexual Medicine)

Academician

☐

Affiliated Member

☐

Clinical Andrologist

☐**2c. Clinical responsible**

Ass. Prof. Efstratios M. Kolibianakis

(Obstetrics-Gynecology & Human Reproduction)

Academician

☐

Affiliated Member

☐

Clinical Andrologist

☐

3. Present Staff (*Senior Scientists*)

1) Name Prof. Emeritus Ioannis Papadimas
Degree MD, PhD
Speciality Endocrinology & Reproductive Endocrinology

Academician ☒Affiliated Member ☐Clinical Andrologist ☐

2) Name Ass. Prof. Loukas Athanasiadis
Degree MD, PhD
Speciality Psychiatry

Academician ☐Affiliated Member ☐Clinical Andrologist ☐

Insert any additional staff below (if required)

MD/Biologists/Chemists

- 1) Name Assoc. Prof. Assimina Galli - Tsinopoulou
 Degree MD, PhD
 Speciality Pediatrics & Pediatric Endocrinology
 Full time/part time Full time
 Academician ☐ Affiliated Member ☐ Clinical Andrologist ☐
- 2) Name Assoc. Prof. Grigorios Grimbizis
 Degree MD, PhD
 Speciality Obstetrics-Gynecology
 Full time/part time Full time
 Academician ☐ Affiliated Member ☐ Clinical Andrologist ☐
- 3) Name Assoc. Prof. Georgios Pados
 Degree MD, PhD
 Speciality Obstetrics-Gynecology
 Full time/part time Full time
 Academician ☐ Affiliated Member ☐ Clinical Andrologist ☐
- 4) Name Ass. Prof. Eleni Bili
 Degree MD, PhD
 Speciality Obstetrics-Gynecology
 Full time/part time Full time
 Academician ☐ Affiliated Member ☐ Clinical Andrologist ☐
- 5) Name Ass. Prof. Leonidas Zepiridis
 Degree MD, PhD
 Speciality Obstetrics-Gynecology
 Full time/part time Full time
 Academician ☐ Affiliated Member ☐ Clinical Andrologist ☐
- 6) Name Ass. Prof. Theodoros Theodoridis
 Degree MD, PhD
 Speciality Obstetrics-Gynecology
 Full time/part time Full time
 Academician ☐ Affiliated Member ☐ Clinical Andrologist ☐
- 7) Name Dr. Chrysovalantis Toutziaris
 Degree MD, PhD
 Speciality Urology
 Full time/part time Full time

Academician ☐ Affiliated Member ☐ Clinical Andrologist ☐

8) Name Assoc. Prof. Alexandros Lambropoulos
 Degree PhD
 Speciality Biology
 Full time/part time Full time

Academician ☐ Affiliated Member ☐ Clinical Andrologist ☐

9) Name Ass. Prof. Aiketerini Hatzimeletiou
 Degree PhD
 Speciality Genetics
 Full time/part time Full time

Academician ☐ Affiliated Member ☐ Clinical Andrologist ☐

10) Name Ass. Prof. Efcharis Panagopoulou
 Degree PhD
 Speciality Psychology
 Full time/part time Full time

Academician ☐ Affiliated Member ☐ Clinical Andrologist ☐

11) Name Theodosia Zegkiniadou
 Degree MSc, PhD
 Speciality Biology
 Full time/part time Part time

Academician ☐ Affiliated Member ☐ Clinical Andrologist ☐

12) Name Stefania Lymperi
 Degree MSc, PhD
 Speciality Biology
 Full time/part time Part time

Academician ☐ Affiliated Member ☐ Clinical Andrologist ☐

Insert any additional staff below (if required)

Specialists

- | | |
|---------|--|
| 1) Name | Christos Tsametis, MD, PhD (Endocrinology) |
| 2) Name | Paschalia K. Iliadou, MD, MSc, PhD (Endocrinology) |
| 3) Name | Georgios-Akylas Kouthouris (Urology) |
| 4) Name | Vasilios Adamou (Urology) |
| 5) Name | Konstantinos Gkagkalidis (Urology) |

PhD Students

- | | |
|---------|---|
| 1) Name | Pavlos Poulakos, MD |
| 2) Name | Gesthimani Mintziori, MD, MSc |
| 3) Name | Gkagkalidis Konstantinos MD, MSc (Urology Resident) |

Nurses

- | | |
|---------|---|
| 1) Name | Evangelia Boziki (head nurse) |
| 2) Name | Evangelia Saranti (head nurse) |
| 3) Name | Vikentia Harizopoulou, MSc, PhD candidate |

Laboratory Technicians

- | | |
|---------|-----------------|
| 1) Name | Ekaterini Fleva |
| 2) Name | |
| 3) Name | |

Administrative Personnel

- | | |
|---------|----------------------|
| 1) Name | Vasiliki Ratidou |
| 2) Name | Zacharo Vadina |
| 3) Name | Dorothea Axelithioti |

In sections (4), (5), (7) and (8) all absolute numbers and percentges given as Endocrinology + Urology + Gynecology.

4. Clinical Activity

A. Outpatients: Consultations per year in the last 3 years

	2010	2011	2012
New patients	87 + 71 + 138	98 + 65 + 128	122 + 92 + 151
Follow-up patients	195 + 88 + 157	224 + 112 + 187	282 + 121 + 177

Type of patients in the last years (%)	2010	2011	2012
Infertility	55 + 8 + 100	52 + 9 + 100	61 + 5 + 100
Erectile dysfunction	5 + 51 + 3	5 + 41 + 3	3 + 57 + 3
Hypogonadotropic Hypogonadism	10 + 1 + 2	12 + 1 + 1	11 + 0 + 2
Klinefelter	5 + 0 + 2	5 + 0 + 3	3 + 0 + 3
Gynaecomastia	5 + 0 + 1	5 + 0 + 01	3 + 0 + 1
Varicocele	10 + 18 + 15	11 + 23 + 13	10 + 17 + 15
Cryptorchidism	5 + 2 + 2	4 + 2 + 2	6 + 3 + 2
Male sex accessory gland infections	1 + 14 + 20	2 + 16 + 19	1 + 13 + 18
Testicular tumours	1 + 3 + 0	1 + 4 + 0	0 + 2 + 0
Disorders of gender identity	3 + 0 + 0	3 + 0 + 0	2 + 0 + 0
Other	0 + 3 + 0	0 + 4 + 0	0 + 3 + 0

B. Ultrasound (testis, penile, prostate) *

	2010	2011	2012
Total	184 + 478 + 0	211 + 532 + 0	245 + 581 + 0
Controls	0 + 0 + 0	0 + 0 + 0	0 + 0 + 0

** performed at the Department of Radiology*

C. Andrological surgery procedures

	2010	2011	2012
Testicular biopsies	0 + 23 + 0	0 + 17 + 0	0 + 21 + 0
Varicocele ligation	0 + 34 + 0	0 + 61 + 0	0 + 57 + 0
Prostate biopsies	0 + 184 + 0	0 + 201 + 0	0 + 223 + 0
BPH	0 + 168 + 0	0 + 188 + 0	0 + 201 + 0
Prostate cancer	0 + 93 + 0	0 + 91 + 0	0 + 107 + 0
Vasectomy	0 + 0 + 0	0 + 0 + 0	0 + 0 + 0
Vaso-vasostomy	0 + 0 + 0	0 + 0 + 0	0 + 0 + 0
Other	0 + 18 + 0	0 + 9 + 0	0 + 12 + 0

5. A. Andrology laboratory activity

	2010	2011	2012
Semen analyses	248 + 0 + 0	294 + 0 + 0	320 + 0 + 0
Sperm antibodies	18 + 0 + 0	22 + 0 + 0	27 + 0 + 0
Seminal markers	95 + 0 + 0	112 + 0 + 0	132 + 0 + 0

5. B. Andrology laboratory activity

Sperm banking donors Yes ☒ No ☐Sperm banking cancer patients Yes ☒ No ☐**If yes:**

	2010	2011	2012
Number of samples	5 + 0 + 1	8 + 0 + 2	12 + 0 + 3

5. C. Histopathological evaluation of biopsies Yes ☒ No ☐5. D. Reproductive Hormones Assays Yes ☒ No ☐

If yes please specify type of assays and number of samples in the last year

Reproductive Hormones Assays 4,500
(FSH, LH, testosterone, SHBG, prolactin)5. E. Y chromosome microdeletions according to EAA/EMQN guidelines Yes ☒ No ☐

52

If yes number of tests in the past yearParticipation to the EAA quality control scheme? Yes ☐ No ☒**If no**, specify if available in another lab of the same hospital Yes ☐ No ☒Blood karyotyping Yes ☒ No ☐**If no**, specify if available in another lab of the same hospital Yes ☐ No ☐

Other genetic tests (please specify)

FISH sperm

Pre-implantation genetic diagnosis

Amniotic fluid karyotyping

6. Collaborations with other Clinical Units of the University/Hospital

IVF Unit

Yes ☒

No ☐

If yes please specify: Children, Endocrinology, IVF, Urology, Genetics, Pathology

Urology Clinic

Yes ☒

No ☐

Endocrine Clinic

Yes ☒

No ☐

Genetics Lab/Unit

Yes ☒

No ☐

Paediatric Unit

Yes ☒

No ☐

Central Hospital Laboratory

Yes ☒

No ☐

Private Centres

Yes ☒

No ☐

If yes please specify:

7. Clinical teaching activity

Duration of training (years):

1.5

	Number
A: Trainees in the last five years	5 + 2 + 5
B: Trainees who passed EAA-ESAU\exam for Clinical Andrologist in the last 5 yrs	0 + 0 + 0
C: Trainees working in the centre preparing to pass the EAA-ESAU examination	3 + 1 + 0
D: PhD Students	9 + 8 + 5
E: Medical Students	450 + 380 + 450
F: Other students (MSc)	5 + 1 + 2

8. Formal Andrology teaching program

Yes ☒

No ☐

If yes: specify duration (years/months):

Years

Months

	Hours of formal teaching per year	Professional training (weeks/months)
Medical Students	5 + 4 + 5	0 + 0 + 0
PhD Students	100 + 43 + 100	0 + 0 + 0
Post Graduate students	20 + 8 + 20	0 + 0 + 0
Trainees	15 + 21 + 15	0 + 0 + 0
Other degrees (please specify)		

9. Research Activity

Please list the main papers in peer review journals in the last 3 years with I.F. in a separate file.

The full list of publications (years 2009 - 2013) of the director and the clinical responsables (Professors B.C. Tarlatzis, D.G. Goulis, E.M. Kolibianakis, I. Vakilopoulos) are presented in a separate booklet (Book IV).

10. Research Funding

Please specify the amount of available funds in the last 3 years and their source (Government, European Union, University, Local Government, Pharmaceutical Industries, Banks, Foundations....)

Year

Total amount (€)

Funding Source(s)

Insert any additional funding below if required