

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 &amp; Reproductive Endocrinology)

Academician Affiliated Member Clinical Andrologist **2b. Clinical responsible**

Ass. Prof. Ioannis Vakalopoulos

(Urology &amp; Sexual Medicine)

Academician Affiliated Member Clinical Andrologist **2c. Clinical responsible**

Ass. Prof. Efstratios M. Kolibianakis

(Obstetrics-Gynecology &amp; 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-Akyllas 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 (FSH, LH, testosterone, SHBG, prolactin) 4,500

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):

	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*