

CYPRUS ORGANIZATION FOR THE PROMOTION OF QUALITY  
CYPRUS ACCREDITATION BODY



**ACCREDITATION CERTIFICATE no. L057-3**

The Board of Governors  
of the Cyprus Organization for the Promotion of Quality,  
the National Accreditation Body,  
in accordance with the Article 7 of the Law 156(I)/2002

**GRANTS ACCREDITATION to**

**LABORATORY of the  
FERTILITY CENTER AKESO**

in Nicosia

The above Laboratory was assessed according to the Accreditation Criteria  
for Medical Laboratories, as defined in the Standard

**CYS EN ISO 15189:2012**

and was found technically competent to carry out the **Tests** included in the  
Scope of Accreditation which is described in the **Annex** to this Certificate as  
an **integrated part of it. The Scope of Accreditation** can change only after  
approval from the Cyprus Accreditation Body.

The current Accreditation Certificate, no. **L057-3**, is issued on the **9<sup>th</sup> May 2023**  
and is valid from **7<sup>th</sup> March 2022** until the **6<sup>th</sup> March 2026**.

Accreditation was awarded for the first time on 7<sup>th</sup> March 2014.

Antonios Ioannou  
Director

Date: **9<sup>th</sup> May 2023**

*This laboratory is accredited in accordance with the recognised International Standard ISO 15189:2012. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management System (ISO-ILAC-IAF Communiqué, January 2015).*



## Annex

to the Accreditation Certificate no. L057-3

### SCOPE OF ACCREDITATION

for the

#### LABORATORY of the FERTILITY CENTER AKESO

\*Valid from 9<sup>th</sup> May 2023 until 6<sup>th</sup> March 2026

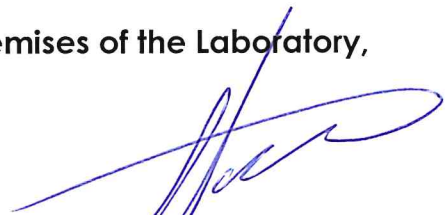
Materials /Products tested	Types of test/ Properties measured	Applied methods/ Techniques used
Semen	1. Semen assessment (count, motility, morphology, progression and volume) (MET 01) 2. Semen preparation (MET 02 and MET 03), cryopreservation (MET 13), thawing (MET 14)	World Health Organization, 2010. Who Laboratory Manual for the examination of Human Semen and Sperm-Cervical Mucus Interaction  Ralf R Henkel and Wolf-Bernhard Schill, 2003. Sperm preparation for ART, Reprod Biol Endocrinol., 108(1).
Oocytes and/or Embryos	3. Oocyte assessment (morphology, maturity, quality) (MET 06) 4. IVF procedure (MET 07) 5. ICSI procedure (MET 08) 6. Fertilization Scoring and Embryo culture (MET 09) 7. Embryo Transfer (MET 10)	Gardner K.D., Weissman A., Howles C.M., Shoham Z., 2004. Textbook of Assisted Reproductive Techniques, 2 <sup>nd</sup> edition  Steer C., Mills C., Tan S, Cambell S., Edward R., 1992. The cumulative embryo score: a predictive embryo scoring technique to select the optimal number of embryos to transfer in an <i>in vitro fertilisation</i> and embryo transfer programme. Hum. Reprod., 7, pp117-119
Oocytes/ Embryos	8. Embryo and Oocyte cryopreservation (by vitrification) (MET 15, MET 17, MET 20) and Thawing (MET16, MET18, MET 21)	Lynette Scott, Ruben Alvero, Mark Leondires, Bradley Miller, 2000. The morphology of human pronuclear embryos is positively related to blastocyst development and implantation, Human Reprod., 15 (11), pp. 2394-2403, ref. Kuwayana et al. 2005.
Semen	9.Preparation of sperm retrieved from surgical procedure (MET 04)	World Health Organization, 2010. Who Laboratory Manual for the examination of Human Semen and Sperm-Cervical Mucus Interaction
Oocytes	10. Oocyte Retrieval (MET 06)	Gardner K.D., Weissman A., Howles C.M., Shoham Z., 2004. Textbook of Assisted Reproductive Techniques, 2 <sup>nd</sup> edition  Pool T.B., Atiee S.H., Martin J.E., 1998. Oocyte and embryo culture: basic concepts and recent advances. Infert. Reprod. Clin. North Am., 9, pp 181-203.

Materials /Products tested	Types of test/ Properties measured	Applied methods/ Techniques used
Embryos	11. Assisted Hatching (MET 11)	Cohlen J., Elsner C., Kort H., Malter H., Massey J., Mayer M.P., Wiemer K., 1990. Impairment of the hatching process following the IVF in the human and improvement of implantation by assisting hatching using micromanipulation, Human Reproduction, 5 (1), pp 7-13.
Oocytes/ Embryos	12. *Embryo Biopsy for PGD/PGS (MET 12)	Gianaroli L., 2000. Preimplantation genetic diagnosis: polar body and embryo biopsy, Human Reproduction, 15(4), pp 69-75.

**All reports should be signed by Mr Charalambos Sergiou and Mr Michael Pelekanos.**

**Comments**

This Annex refers **only to tests** carried out **in the premises of the Laboratory**,  
Address : 11 Penelopes Street, 1078, Nicosia



Antonios Ioannou  
Director

Date: **9<sup>th</sup> May 2023**

