



Welcome to Training School on

Basic Semen Examination

October 13 - October 17, 2025

**A joint ANDRONET (CA20119)-EAA course in collaboration
with**

ANOVA – Karolinska University Hospital, Stockholm, Sweden

Course Organiser

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Practical Course Tutors

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DEADLINE for APPLICATION

We need your **final and binding application** by

September 7, 2025

General Information

The aim of the course is to provide a basis for improved standards of basic semen examination.

Course language: English

Contents: *registration and introductory lectures* in the early afternoon before the first course day (October 13). The *mornings* the following days are used for practical laboratory work and afternoons with seminars on the theory of semen examination, discussing the methods recommended in the WHO laboratory manual (2021) and the ISO standard (ISO 23162:2021). The first morning (October 14) there will be a practical session called *Pre-test*, where all participants examine two samples each. In the two following mornings, all participants will *practice the methods* (first sperm count, sperm motility, and then sperm morphology and sperm vitality). The results from all practical sessions will be used for discussions about assessment techniques and quality control in the andrology laboratory. On *October 17*, there will be **a practical examination** in the morning followed by **a written examination** in the afternoon.

Course fee: (SEK 100 equals approximately €9)

Members of EAA / ANDRONET: SEK 3,500

Non Members: SEK 4,500

Fee includes lectures and printed handouts of presentations, practical exercises, lab coats, and coffee breaks. The WHO laboratory manual and other books are not included.

Invoice for course participation is being sent from the Karolinska University Hospital. If you or your administrative office have not received any invoice by September 15, please contact the course organizer by e-mail. If payment cannot be processed before the course start – please, make contact as soon as possible...

Note: The ANOVA Centre is **not** situated at the Karolinska Institutet campus in Solna, **nor** at the Karolinska University Hospital Huddinge **or** Karolinska University Hospital Solna – although on **short walking distance** from Karolinska University Hospital Solna and Karolinska Institutet campus in Solna.

You can try this link: [Google Maps](https://www.google.com/maps?cp=59.34626777412075~18.034773992408645&sty=r&lvl=17.0000000000000004&FORM=MBEDLD#) or

<https://www.bing.com/maps?cp=59.34626777412075~18.034773992408645&sty=r&lvl=17.0000000000000004&FORM=MBEDLD#> (search for ANOVA [Norra Stationsgatan 69])

Accommodation: each participant must make their own reservations. Search for hotels close to Norra Stationsgatan in Stockholm (Metro stations Odenplan or St Eriksplan).

Local transportation:

From the Stockholm International Airport (Arlanda, ARN)

- *directly to/from ANOVA: airport coach to **LILJEHOLMEN** stop Torsplan ([Airport Coach - Arlanda - Torsplan \(Liljeholmen\)](#))*
- *directly to/from Stockholm Central Station*
 - *Airport coach to/from Stockholm City (see link above)*
 - *Airport [train to/from Stockholm Central Station](#) Arlanda Express*

Local transport in Stockholm: commuter trains, metro, buses and trams: sl.se

- Nearest bus stop: Torsplan
- Nearest metro stop: Odenplan or St Eriksplan
- Nearest commuter train stop: Odenplan

Time Schedule BASIC SEMEN EXAMINATION TRAINING SCHOOL 2025

From - To	Topic	Type
Monday October 13		
12.00-13.00 ¹	<i>Registration and pre-course introduction</i>	Seminar
13.00-14.30	1. Introduction to course and WHO lab manual (2021) ² and ISO 23162:2021 ³	Seminar
14.30-14.45	<i>Break</i>	
14.45-16.00	2. Clinical Significance of Semen Analysis 1(2)	Seminar
16.00-16.30	<i>Break</i>	
16.30-17.15	2. Clinical Significance of Semen Analysis 2(2)	Seminar
Tuesday October 14		
08.30-12.30	PRACTICAL: Pre-test ⁴ [<i>break around 10.30</i>]	Laboration
12.30-13.30	<i>Lunch break</i>	
13.30-13.45	Discussion of results from Pre-test	Seminar
13.45-14.15	3. Sample Collection and Macroscopic Examination	Seminar
14.15-14.30	<i>Break</i>	
14.30-15.00	4. Examination of the Wet Preparation	Seminar
15.00-15.30	<i>Break</i>	
15.30-16.15	5. Sperm Concentration Measurement	Seminar
16.15-16.30	<i>Break</i>	
16.30-17.00	6. Sperm Motility Assessment	Seminar
17.00-17.30	7. Introduction to Sperm Kinematics	Seminar
17.30-17.45	General Discussion	
Wednesday October 15		
09.00-12.00	PRACTICAL: Training session 1 (concentration and motility) [<i>break ~10.30</i>]	Laboration
12.00-13.00	<i>Lunch break</i>	
13.00-13.15	Results of Training Session 1	Seminar
13.15-14.15	8. Sperm Morphology Evaluation	Seminar
14.15-14.45	<i>Break</i>	
14.45-15.15	9. Assessment of Sperm Vitality	Seminar
15.15-15.45	10. Interpretation of Semen Examination Results	Seminar
15.45-16.00	General Discussion	
Thursday October 16		
09.00-12.00	PRACTICAL: Training session 2 (morphology, vitality) [<i>break ~10.30</i>]	Laboration
12.00-13.00	<i>Lunch break</i>	
13.00-13.15	Results of Training Session 2	Seminar
13.15-14.00	11. Sperm Preparation Methods	Seminar
14.00-14.30	<i>Break</i>	
14.30-15.45	12. Introduction to Basic Principles of Quality Management	Seminar
15.45-16.00	General Discussion	
Friday October 17		
08.30-12.30	Practical examination [<i>short break possible 10.00-11.00</i>]	Exam
12.30-13.30	<i>Lunch break</i>	
13.30-14.30	Written examination	Exam
14.30-15.00	<i>Break</i>	
15.00-15.30	Results of Practical and Written examination	Seminar
15.30-16.00	Summary and closure of the course	Seminar

¹ All times given are given as advice, based on estimated time needed to present the topic properly according to the syllabus and examination.

² WHO Lab Manual (6th edition, 2021):

<https://iris.who.int/bitstream/handle/10665/343208/9789240030787-eng.pdf?sequence=1>

³ ISO 23162:2021: <https://www.iso.org/standard/74800.html>

⁴ Laboratory sessions starts with a practical, "hands-on" demonstration by a faculty member, followed by the registrants' own practical work.

Application form

Participants:	“Lab staff”	“Supervisor”
Name:*		
Title:		
Lab:*		
Clinic:*		
Hospital:*		
Address:*		
Town/ZIP:*		
Country:*		
Phone:		
FAX:		
e-mail:*		
Invoice address (if different from mail address above):*		
Course fee:*	<input type="checkbox"/> EAA member Please provide proof of membership ¹ <input type="checkbox"/> Non-member	<input type="checkbox"/> EAA member Please provide proof of membership ¹ <input type="checkbox"/> Non-member
Total fee:*	_____	_____
Approx. lab coat size:*	<input type="checkbox"/> XL <input type="checkbox"/> L <input type="checkbox"/> M <input type="checkbox"/> Small	<input type="checkbox"/> XL <input type="checkbox"/> L <input type="checkbox"/> M <input type="checkbox"/> Small
For Coffee breaks:*	<input type="checkbox"/> Coffee <input type="checkbox"/> Tea	<input type="checkbox"/> Coffee <input type="checkbox"/> Tea
Special lunch requirements:		
Signature:*		

Please, send this form (or corresponding information)
by E-Mail to andrology@telia.com, **as soon as possible**.
*Note that application is BINDING! Admission is on first-come,
first-serve basis. **The number of course participants is limited.***

*If you want to be considered for travel imbursement by
ANDRONET, you should also attach the required
documentation (see next page)*

¹ Membership number or similar

Application for travel imbursement by ANDRONET

☐ Click this box if you are member of ANDRONET, fulfil requirements (see below) and wish to apply to be considered for potential reimbursement to participate in the Training School on Basic Semen Examination) co-organized among ANDRONET (CA20119), EAA, in collaboration with ANOVA - Karolinska University Hospital.

Members of the ANDRONET COST Action CA20119 willing to participate as Trainees in this training school co-organized between ANDRONET (COST Action CA20119) and the EAA in collaboration with ANOVA - Karolinska University Hospital, Stockholm, Sweden, may apply for travel reimbursement after attending the training school. Since funding from ANDRONET to cover the reimbursement of expenses will be limited to 3 participants, the following requirements will apply:

1. Applicants must have a personal e-COST account and be members of ANDRONET through participation in at least one of the ANDRONET Working Groups. Participants not yet being members of the ANDRONET COST Action and interested in applying to join, may do so by connecting to <https://www.cost.eu/actions/CA20119/> and then clicking on "Working Groups" and then click "Apply". The system then requested to login with the e-COST credentials and, once logged-in, to complete a short template with one or a few sentences on the indicated sections as appropriate. In case that no e-COST account is yet available, the system also offers the option to create a new account.
2. Attach a short CV (of up to 2 pages) to this application.
3. Attach a justification letter of the reason/s you would like to apply for travel reimbursement

Based on the applications received, the ANDRONET COST Action will select **3 participants** to be eligible for reimbursed after the training school based on the following criteria:

CV of the candidates, justification of the need for reimbursement, COST Action objectives and priorities, geographical spread and balance, gender and age balance, and availability of funds.

In all cases, reimbursement will require proof of participation in the event though signed attendance sheets and presentation of long-distance travel receipts, and completing the reimbursement request after the training school via the personal e-COST account of the attendee selected for reimbursement.

(Deadline for application: August 15, 2025; decision on Andronet reimbursement will be taken shortly after application deadline)

Among the applicants up to 3 selected ANDRONET members will be eligible for reimbursement with up to a maximum of up to 2,800.00€ after the training school, to cover long-distance travel expenses, and a fixed daily allowance.