

Field Application Services



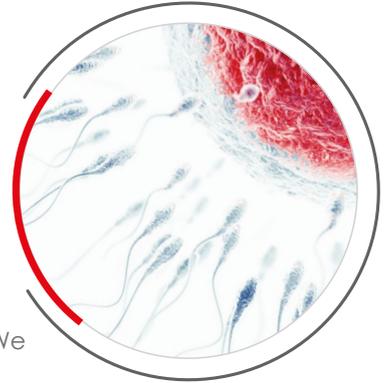
IMV TECHNOLOGIES. FOR LIFE.

INNOVATION. FOR LIFE.

In 1963, Robert Cassou founded IMV Technologies and set the standard for semen storage and insemination with the revolutionary «French Straw».

Since then, we've approached every new solution with the same innovative spirit as he did.

Today, we are still leaders in applied and disruptive technologies. We not only make things; we also improve things that already exist.



TECHNOLOGY. FOR LIFE.

Curiosity is one of our main drivers. We're never satisfied with the status quo. From semen collection to wireless ultrasound, this philosophy is why our technology is accepted and relied upon around the world.

Beyond technology, we create state-of-the-art techniques and programs to support its implementation.

SUSTAINABILITY. FOR LIFE.

Life is nothing without the planet we call home. That's why in everything we do, we push to implement sustainable practices that minimize our carbon footprint. It's not just our stated corporate responsibility. It is our life.

We challenge ourselves with new thinking that drives toward sustainable food sources for future generations. Through the use of our technologies, we believe land resources can be more efficiently managed and agriculture can become more sustainable. We aim to preserve Earth's abundance and beauty.

We have a genuine desire to make a positive impact.

REPRODUCTION. FOR LIFE.

For over 60 years, we've been at the leading edge of artificial insemination technology.

Over time, we've evolved to become more than an artificial insemination company. Our reproductive biotechnologies, which have become the standard across the globe, touch every aspect of reproduction, including collecting gametes, confirming pregnancy and managing data.

With an exponentially growing population, abundant and sustainable food sources are critical. Our technologies make this possible. This notion is a driving force behind IMV Technologies.

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On-Site or IMV Technologies Biological Installation and Training

Optimize your skills in semen processing, reproduction, and insemination.

We offer tailored biological training designed to enhance your expertise across species, with options available in one-day or two to three-days formats. Our hands-on training covers bovine, porcine, aquaculture, small ruminants, rabbit, and poultry species, focusing on critical aspects of semen processing, reproductive management, and insemination techniques.

IMV Technologies offers biological training courses, ready-to-use standard protocols and a global approach to understanding each step of the semen sample management process in an artificial insemination center. We offer customized training programs to meet your needs in the field of reproductive biotechnology. Emphasizing a practical approach with concrete exercises, we complement this with theoretical principles for optimal use of our products, providing personalized advice. Beyond training, our data-driven support helps you overcome difficulties to achieve the desired results.

Choose the format that fits your needs and location _ whether at your site or at IMV Technologies, our training equips you with the latest knowledge and techniques to excel in the field of reproductive biotechnologies.

Expert assistance when you need it most

We understand the critical nature of your work in reproductive biotechnologies. Whether you're facing technical issues with equipment or need expert advice on biological processes, our team of specialists is here to help. With years of experience in the reproductive biotechnologies sector, we offer immediate support and troubleshooting for any situation _ ensuring smooth operations and successful outcomes.

What we offer:

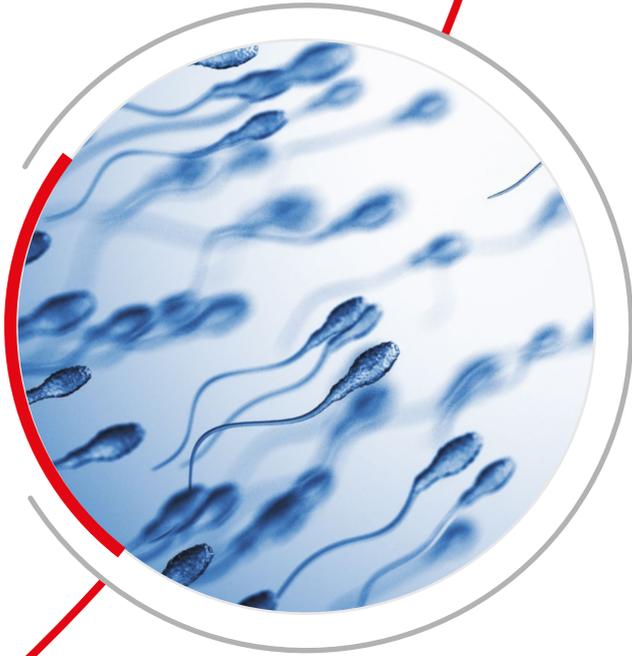
- **Technical assistance:** Our dedicated Field Application team is available to solve problems in your process or data analyses, providing remote or on-site assistance as needed.
- **Biological expertise:** From sperm quality concerns to data interpretation issues, we offer tailored advice on reproductive biology to optimize the performance of our devices and improve your results.

Benefits for your AI center:

- Minimize interruptions in operations
- Maximize the efficiency and longevity of your equipment and products
- Gain access to specialized biological knowledge tailored to your needs
- Fast, reliable, and expert-led support, available globally

Contact us:
academy@imv-technologies.com

More details:
www.imv-technologies.com/training-programs



Semen analyser training sessions



Semen analysis expertise

Our support for sperm analysers, including CASA (Computer-Assisted Sperm Analysis) systems and cytometers, covers both technical and biological aspects. We provide comprehensive assistance, from sample preparation, setup and calibration to troubleshooting software and basic hardware issues.

Our experts also offer guidance on interpreting results, optimizing system performance, and ensuring accurate data for sperm motility, concentration, and morphology analysis. Whether you're dealing with equipment malfunctions or biological data inconsistencies, we're here to help you maximize the efficiency and reliability of your sperm analysis process.

A few examples of the different support options we can provide:

On-site expertise for CASA or Cytometer (1-Day)

- Maintenance and cleaning of the equipment and a quick re-training
- Complete system setup and calibration for new or existing CASA or cytometry systems.
- Comprehensive training for your team and newcomers on sperm analysis and data interpretation or semen pipetting
- Customized system optimization to ensure accurate and reproducible results tailored to your workflow and biological samples.
- Audit of multi-site equipments for verifying accuracy and repeatability in setups and pipetting's method of operators

Remote expertise for CASA or Cytometer (1-Hour)

- Quick troubleshooting for software glitches or basic hardware issues
- Remote assistance for calibration adjustments (i.e. sperm recognition after cleaning the system) and resolving data accuracy.
- Step-by-step guidance on analysis setup or result interpretation for specific tests (i.e. Viadent, ident or sort options).

These tailored support options ensure that your AI center can operate with maximum efficiency, precision, and confidence.

Reference Label	Reference Number	Duration	Site
SEMEN ANALYSIS Expertise 1 day on site	Ref. 026349	1 day	At customer site
SEMEN ANALYSIS Expertise 1h remote	Ref. 028839	1h	Remote



Installation training IVOS II CEROS II - 2 days on site

Ref. 026346

Aim

Understand and master each step of semen analysis on a computer-Assisted sperm Analyser such as CEROS II or IVOS II

Duration

2 days on site

Site

At the location of the customer, after purchase of the equipment

Audience

Daily operational individuals, DVM's, Scientists, Lab managers

Participants

Max. 6 people

Pre-requisite

All the future users of the equipment should be attending. Participants should have a willing to learn and to practice on laboratory equipments. For this training, raw semen, fresh and frozen doses semen of good and bad quality with different concentrations (if known) are needed. Warming stage, tubes, tips, extender and calibrated micropipettes are mandatory.

Registration deadline

8 weeks before the workshop

If you need only one topic to tackle, please refer to our semen analysis expertise references: 1 day on site (Ref. 026349) or 1h remote (Ref. 028839).

Content

Day 1:

- Unpacking the system
- Administrative information and hardware overview
- Presentation of the different screens and functions
- Demonstration of the daily procedure
- Definition of specific setups for dilution and cutoff values
- Recommendation on pipetting, diluting, loading a slide
- Exercise on dilution rate and pipetting
- Maintenance and cleaning

Day 2:

- Practising on your own in routine conditions with checkpoints
- Extraction and personalization of a report
- Extraction of the database and excel table from different requests
- Questions and troubleshooting
- Save a backup and important information about softwares
- Signature of documents
- Discussion for exercises with personalised recommendations

The content can be customized to address specific needs, with the option to focus more intensively on particular topics of interest.

Learning Tools

At the end of the training, participants will understand the impact of pipetting on semen quality, will be able to prepare, pipette and analyse samples, to use the multiple features of HTCASAI software and hardware and perform basic troubleshooting.

Materials provided:

Presentations in PowerPoint or pdf format
A4 and A3 posters

Certificate

Attendance certificate and Certificate of Completion following the post-training quiz will be delivered.



Installation training IVOS II FLUO - 3 days on site

Ref. 026347

Aim

Understand and master each step of semen analysis on a computer-Assisted sperm analyser on a fluorescent-option IVOS II

Duration

3 days

Site

At the location of the customer, after purchase of the equipment

Audience

Daily operational individuals, DVM's, Scientists, Lab managers

Participants

Max. 6 people

Pre-requisite

All the future users of the equipment should be attending. For this training, raw semen, fresh and frozen doses semen of good and bad quality with different concentrations (if known) are needed. Warming stage, tubes, tips, extender and calibrated micropipettes are mandatory.

Registration deadline

8 weeks before the workshop

If you need only one topic to tackle, please refer to our semen analysis expertise references: 1 day on site (Ref. 026349) or 1h remote (Ref. 028839).

Content

Day 1:

- Unpacking the system
- Administrative information and hardware overview
- Presentation of the different screens and functions
- Demonstration of the daily procedure
- Definition of specific setups for dilution and cutoff values
- Recommendation on pipetting, diluting, loading a slide
- Exercise on dilution rate and pipetting

Day 2:

- Fluorescence dyes preparation and application
- Analysis with Viadent menu and/or Ident setup
- Questions and troubleshooting
- Maintenance and cleaning

Day 3:

- Practising on your own in routine conditions with checkpoints
- Extraction and personalization of a report
- Extraction of the database and excel table from different requests
- Save a backup and important information about softwares
- Signature of documents
- Suggestions for exercises with personalised recommendations

The content can be customized to address specific needs, with the option to focus more intensively on particular topics of interest.

Learning Tools

At the end of the training, participants will understand the impact of pipetting on semen quality, will be able to prepare, pipette and analyse samples with or without fluorescence, to use the multiple features of HTCASAll software and hardware and perform basic troubleshooting.

Materials provided:

Presentations in PowerPoint or pdf format
A4 and A3 posters

Certificate

Attendance certificate and Certificate of Completion following the post-training quiz will be delivered.



Installation training EASYCYTE - 2 days on site

Ref. 026348

Aim

Understand and master each step of semen analysis on a cytometer such as EasyCyte

Duration

2 days

Site

At the location of the customer, after purchase of the equipment

Audience

Daily operational individuals, DVM's, Scientists, Lab managers

Participants

Max. 6 people

Pre-requisite

All the future users of the equipment should be attending. Participants should have a willing to learn and to practice on laboratory equipments. For this training, raw semen, fresh and frozen doses semen of good and bad quality with different concentrations (if known) are needed. Incubator, tubes, tips, extender and calibrated micropipettes are mandatory.

Registration deadline

8 weeks before the workshop

If you need only one topic to tackle, please refer to our semen analysis expertise references: 1 day on site (Ref. 026349) or 1h remote (Ref. 028839).

Content

Day 1:

- Hardware overview
- EasyCyte cleaning procedure
- Calibration with EasyCheck preparation
- Procedure for semen analysis with Easykit and software overview

Day 2:

- Data analysis on InCyte software
- Data extraction and saving methods
- Practising on your own on different Easykits
- Daily cleaning routine and EasyCyte turn off
- Maintenance and transportation guidelines
- Questions and troubleshooting
- Save a backup and important information about softwares
- Signature of documents
- Discussion and suggestions for exercises with personalised recommendations
- Discussion, conclusion

*Option: DNA compaction test, report and export on eSmile, Advanced level with Incite

The content can be customized to address specific needs, with the option to focus more intensively on particular topics of interest.

Learning Tools

At the end of the training, participants will understand the impact of pipetting on semen quality, will be able to prepare, pipette and analyse samples, to use the multiple features of EasyCyte and perform basic troubleshooting.

Materials provided:

Presentations in PowerPoint or pdf format
A4 and A3 posters

Certificate

Attendance certificate and Certificate of Completion following the post-training quiz will be delivered.



Bovine training sessions



Bovine reproduction training - 1 day on site

Ref. 024102

Aim

Obtain theoretical and practical guidelines from semen collection to semen dilution, freezing and/or packaging, and/or semen analysis to insemination in bovine species.

Duration

1 day

Site

At the location of the customer, after purchase of the equipment

Audience

DVM's, Scientists, breeding technicians

Participants

Max. 8 people

Pre-requisite

No pre-requisite

Registration deadline

8 weeks before the workshop

*This training includes a global overview of how and when using a CASA. If you need a specific practical training on CASA, please refer to our installation (Ref. 026346, 026347), training (Ref. 026349) or support (Ref. 028839) references.

Content

Please, within the content below, choose 2 topics for one day of training:

Theoretical explanation, demonstration and practising with the help of the trainer of either:

- Semen collection procedures
- Basics in semen evaluation by photometry and CASA* and introduction to flow cytometry
- Medium preparation and Semen dilution
- Basics in Cryobiology, Packaging, freezing and storage
- Semen thawing and quality control
- Oestrus management – Fertility visits
- Insemination of frozen-thawed semen

Discussion, conclusion

The content can be customized to address specific needs, with the option to focus more intensively on particular topics of interest.

Learning Tools

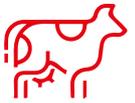
At the end of the training, participants will have an overview of the semen processing steps with recommendations and do/don't.

Materials provided:

Presentations in PowerPoint or pdf format
A4 standard operating procedures poster

Certificate

Attendance certificate and Certificate of Completion following the post-training quiz will be delivered.



Bovine semen processing training - 3 days on site

Ref. 024101

Aim

Understand and apply each step from semen dilution, freezing and packaging, as well as semen analysis and insemination in bovine species.

Duration

3 days

Site

At the location of the customer, after purchase of the equipment

Audience

DVM's, Scientists, breeding technicians

Participants

Max. 8 people

Pre-requisite

Basic understanding of bovine reproduction and prior experience in handling laboratory procedures.

Registration deadline

8 weeks before the workshop

*This training includes a global overview of how and when using a CASA. If you need a specific practical training on CASA, please refer to our installation (Ref. 026346, 026347), training (Ref. 026349) or support (Ref. 028839) references.

Content

Day 1:

Theoretical explanation and demonstration of

- Advantages of artificial breeding
- Semen collection procedures
- Basics in semen evaluation by photometry and CASA*
- Introduction to flow cytometry
- Medium preparation
- Basics in cryobiology
- Semen dilution, packaging, freezing and storage
- Semen thawing and quality control

Day 2 and 3:

Self-practice on each of the above topics

- Practising with the help of the trainer
- Practising on your own with checkpoints
- Discussion and suggestions for exercises with personalised recommendations

Discussion, conclusion

The content can be customized to address specific needs, with the option to focus more intensively on particular topics of interest.

Learning Tools

At the end of the training, participants will have not only an overview of the semen processing steps but will put it into practice to feel more confident in their daily work to use IMV Technologies products.

Materials provided:

Presentations in PowerPoint or pdf format
A4 standard operating procedures poster

Certificate

Attendance certificate and Certificate of Completion following the post-training quiz will be delivered.



Swine training sessions



Swine reproduction training - 1 day on site

Ref. 024810

Aim

Obtain theoretical and practical guidelines from semen collection to semen dilution and packaging, as well as semen analysis in swine species.

Duration

1 day

Site

At the location of the customer

Audience

DVM's, Scientists, breeding technicians

Participants

Max. 8 people

Pre-requisite

No pre-requisite

Registration deadline

4 weeks before the workshop

*This training includes a global overview of how and when using a CASA. If you need a specific practical training on CASA, please refer to our installation (Ref. 026346, 026347), training (Ref. 026349) or support (Ref. 028839) references.

Content

Please, within the content below, choose 2 topics for one day of training:

Theoretical explanation, demonstration and practising with the help of the trainer of either:

- Advantages of artificial breeding
- Semen collection procedures
- Basics in semen evaluation by photometry and CASA* and introduction to flow cytometry
- Medium preparation and Semen dilution
- Semen cooling, Packaging and storage
- Semen warming and quality control
- Oestrus management
- Insemination of doses

Discussion, conclusion

The content can be customized to address specific needs, with the option to focus more intensively on particular topics of interest.

Learning Tools

At the end of the training, participants will have an overview of the semen processing steps with recommendations and do/don't.

Materials provided:

Presentations in PowerPoint or pdf format
A4 standard operating procedures poster

Certificate

Attendance certificate and Certificate of Completion following the post-training quiz will be delivered.



Swine semen processing training - 3 days on site

Ref. 024811

Aim

Understand and apply each step from semen collection to semen dilution and packaging, as well as semen analysis and insemination in swine species.

Duration

3 days

Site

At the location of the customer, after purchase of the equipment.

Audience

DVM's, scientists, breeding technicians

Participants

Max. 5 people

Pre-requisite

Basic understanding of porcine reproduction and prior experience in handling laboratory procedures.

Registration deadline

8 weeks before the workshop

*This training includes a global overview of how and when using a CASA. If you need a specific practical training on CASA, please refer to our installation (Ref. 026346, 026347), training (Ref. 026349) or support (Ref. 028839) references.

Content

Day 1:

Theoretical explanation and demonstration of

- Advantages of artificial breeding
- Boar management and Semen collection procedures
- Basics in semen evaluation by photometry and CASA*
- Introduction to flow cytometry
- Medium preparation and Semen dilution
- Semen cooling, packaging and storage
- Semen warming and quality control

Day 2 and 3:

Self-practice on each of the above topics

- Practising with the help of the trainer
- Practising on your own with checkpoints
- Discussion and suggestions for exercises with personalised recommendations

Discussion, conclusion

The content can be customized to address specific needs, with the option to focus more intensively on particular topics of interest.

Learning Tools

At the end of the training, participants will have not only an overview of the semen processing steps but will put it into practice to feel more confident in their daily work to use IMV Technologies products.

Materials provided:

Presentations in PowerPoint or pdf format
A4 standard operating procedures poster

Certificate

Attendance certificate and Certificate of Completion following the post-training quiz will be delivered.



Swine semen freezing training - 3 days on site

Ref. 024812

Aim

Understand and apply each step of the freezing process, from semen dilution and packaging, as well as semen quality control in swine species.

Duration

3 days

Site

IMV Technologies France

Audience

DVM's, scientists, breeding technicians

Participants

Max. 5 people

Pre-requisite

Basic understanding of porcine reproduction and prior experience in handling laboratory procedures.

Registration deadline

8 weeks before the workshop

*This training includes a global overview of how and when using a CASA. If you need a specific practical training on CASA, please refer to our installation (Ref. 026346, 026347), training (Ref. 026349) or support (Ref. 028839) references.

Content

Day 1:

Theoretical explanation and demonstration of

- Advantages of artificial breeding
- Basics in semen evaluation by photometry and CASA*
- Medium preparation
- Basics in cryobiology
- Semen dilution and equilibration
- Semen packaging, freezing and storage

Day 2:

Theoretical explanation and demonstration of

- Semen thawing and quality control
- Introduction to insemination products for frozen-thawed semen

Day 2 and 3:

Self-practice on each of the above topics

- Practising with the help of the trainer
- Practising on your own with checkpoints
- Discussion and suggestions for exercises with personalised recommendations

Discussion, conclusion

The content can be customized to address specific needs, with the option to focus more intensively on particular topics of interest.

Learning Tools

At the end of the training, participants will have not only an overview of the semen processing steps but will put it into practice to feel more confident in their daily work to use IMV Technologies products.

Materials provided:

Presentations in PowerPoint or pdf format
A4 standard operating procedures poster

Certificate

Attendance certificate and Certificate of Completion following the post-training quiz will be delivered.



Post-cervical insemination training - 2 days on site

Ref. 028208

Aim

Understand and master the technique of post-cervical artificial insemination (PCAI) for gilts and/or sows.

Duration

2 days

Site

At the location of the customer

Audience

Breeders who want to switch from Conventional AI (CAI) to PCAI, Technicians who want to improve their skills in PCAI technique
DVM's, Scientists, Technicians

Participants

Max. 5 people

Pre-requisite

Semen doses, disposable tissues and lubricant must be available on-site. Need 5 available cull females in heat. It is recommended to do the training out from hot-temperature periods to have the best implementation of the technique in the farm.

Registration deadline

8 weeks before the workshop

*This training includes a global overview of how and when using a CASA. If you need a specific practical training on CASA, please refer to our installation (Ref. 026346, 026347), training (Ref. 026349) or support (Ref. 028839) references.

Content

Day 1:

Expectation, theoretical and practice

- Visit of the farm during insemination acts on sows and gilts
- Review of breeder's expectations
- Reminder on reproductive physiology in the gilt and sow
- Performance and herd management in CAI versus PCAI
- Type of doses and catheters used in CAI versus PCAI
- Hygiene related to AI
- Environmental factors to consider
- Practising on cull females with the help of the trainer
- PCAI with several type of catheters

Day 2:

Self-practice on the above topics and troubleshooting

- Practising on your own with checkpoints by the trainer
- Practising on one complete batch of females
- Questions and answers session
- Discussion, conclusion

The content can be customized to address specific needs, with the option to focus more intensively on particular topics of interest.

Learning Tools

At the end of the training, participants will have not only an overview of the semen processing steps but will put it into practice to feel more confident in their daily work to use IMV Technologies products.

Materials provided:

Presentations in PowerPoint or pdf format
A4 standard operating procedures poster

Certificate

Attendance certificate and Certificate of Completion following the post-training quiz will be delivered.



Aqua training sessions



Aqua semen processing training - 2 days on site

Ref. 026634

or at IMV Technologies

Ref. 026632

Aim

Understand and apply each step from semen collection to fertilization, as well as semen analysis, dilution, freezing and packaging in salmonids species.

Duration

2 days

Site

At the location of the customer, after purchase of the equipment (Ref. 026634)

or at IMV Technologies and partner's site (Ref. 026632)

Audience

Daily operational individuals, DVM's, Scientists, breeding technicians, Production managers

Participants

Max. 5 people

Pre-requisite

Participants should have a willing to learn and to practice on laboratory equipments and animals. For this training, males and milt of good and bad quality (if known) are needed. Equipments needed for the practical use are: Consumables and media for milt collection, analysis and storage, a CASA system or a microscope, liquid nitrogen

Registration deadline

8 weeks before the workshop

*This training includes a global overview of how and when using a CASA. If you need a specific practical training on CASA, please refer to our installation (Ref. 026346, 026347), training (Ref. 026349) or support (Ref. 028839) references.

Content

Day 1:

Theoretical explanation and demonstration of

- Milt collection
- Milt analysis*
- Milt storage and freezing
- Fertilization in salmonids
- Demonstration of the entire routine protocols
- Check point recalled by the trainer
- Quick practising with the help of the trainer
- Questions and answers

Day 2:

Self-practice and adaptation of protocols

- Practising with the help of the trainer on each step
- Adaptation of new protocols on site
- Self-practising according to new protocols
- Case study & Exercises
- Questions and troubleshooting
- Discussion and suggestions for exercises
- Discussion, conclusion

The content can be customized to address specific needs, with the option to focus more intensively on particular topics of interest.

Learning Tools

At the end of the training, participants will have not only an overview of the semen processing steps but will put it into practice to feel more confident in their daily work to use IMV Technologies products.

Materials provided:

Presentations in PowerPoint or pdf format
Excel file with data collection suggested
Handbook for salmonids process cryolab

Certificate

Attendance certificate and Certificate of Completion following the post-training quiz will be delivered.



Aqua farm audit - 2 days on site

Ref. 029793

Aim

To look for evidence of good practices and safe systems of work and enable areas for improvement to be identified in female and male herd management methods, oocyte and sperm quality as well as in biosecurity. This audit will equip the lab manager with guidelines and recommendations to implement at short, mid and long-term.

Duration

2 days

Site

At the location of the customer, before purchase of the equipment for a cryolab

Audience

Breeding technicians and Production managers

Participants

No limitation

Pre-requisite

Let the auditor access to the Quality Management System Procedures and Standard Operating Procedures as well as the facilities for the objective of the visit.

Registration deadline

12 weeks before the date of venue

If you need a more extensive support after the audit to implement each recommendation, contact us for a personalized training program

Content

Day 1:

Observation of operations and questions

- Expectations from the audit and roundtable
- Broodstock management observation
- Sperm collection and storage or freezing observation
- Questions and answers

Day 2:

Observation of operations and conclusion

- Egg fertilization and handling management
- Quality documentation checking
- Biosecurity focus
- Questions and answers

Discussion, conclusion

The content can be customized to address specific needs, with the option to focus more intensively on particular topics of interest.

Learning Tools

At the end of the audit, participants will receive an action plan (corrective and/or preventive) with an audit score, as well as concrete solutions at short, mid and long-term.

Materials provided:

Audit report

Certificate

Not applicable



Aqua ProSorter training - 1 day on site

Ref. 028679

Aim

To give the ProSorter Users and managers a deeper understanding of the whole range of machine features and deliveries it can provide. This training does not replace the Installation training required from the Technician.

Duration

1 day

Site

At the location of the customer, before purchase of the equipment

Audience

Breeding technicians and Production managers

Participants

Max 8 participants

Pre-requisite

For this training, eyed eggs commonly sorted in the hatchery are needed. ProSorter should be working properly with the required water and air supply.

Registration deadline

12 weeks before the date of venue

If you need a more extensive support after the audit to implement each recommendation, contact us for a personalized training program

Content

- Egg sorting good practice overview
- Egg sorting objectives and target results

- The machine and parameters perfect setting
- Basic troubleshooting
- Practical session in customer's conditions
- Conclusions

Discussion, conclusion

The content can be customized to address specific needs, with the option to focus more intensively on particular topics of interest.

Learning Tools

At the end of the training, participants will have not only an overview of the sorting process steps but will put it into practice to feel more confident in their daily work to use IMV Technologies products.

Materials provided:

Presentations in PowerPoint or pdf format

Certificate

Attendance certificate and Certificate of Completion following the post-training quiz will be delivered.



Equine training sessions



Equine semen processing training - 1 day on site

Ref. 023878

Aim

Obtain theoretical and practical guidelines from semen dilution, freezing and packaging, as well as semen analysis in equine species.

Duration

1 day

Site

At the location of the customer

Audience

DVM's, Scientists, breeding technicians

Participants

Max. 8 people

Pre-requisite

There is no pre-requisite

Registration deadline

4 weeks before the workshop

*This training includes a global overview of how and when using a CASA. If you need a specific practical training on CASA, please refer to our installation (Ref. 026346, 026347), training (Ref. 026349) or support (Ref. 028839) references.

Content

Please, within the content below, choose 2 topics for one day of training:

Theoretical explanation, demonstration and practising with the help of the trainer of either:

- Advantages of artificial breeding
- Basics in semen evaluation by photometry and CASA* and introduction to flow cytometry
- Medium preparation and Semen dilution
- Semen cooling, Packaging and storage
- Semen freezing, Packaging and storage
- Semen warming and/or thawing and quality control
- Oestrus management
- Insemination of doses

Discussion, conclusion

The content can be customized to address specific needs, with the option to focus more intensively on particular topics of interest.

Learning Tools

At the end of the training, participants will have an overview of the semen processing steps with recommendations and do/don't.

Materials provided:

Presentations in PowerPoint or pdf format

Certificate

Attendance certificate and Certificate of Completion following the post-training quiz will be delivered.



Equine reproduction training - 3 days at IMV and IFCE

Ref. 023879

Aim

Understand and get initiated to each step from semen collection to semen dilution, freezing and packaging, as well as semen analysis and insemination, in equine species

Duration

3 days

Site

At IMV Technologies, L'Aigle and IFCE (France)

Audience

DVM's, Scientists, breeding technicians

Participants

Max. 5 people

Pre-requisite

Basic understanding of equine reproduction and prior experience in handling laboratory procedures.

Registration deadline

8 weeks before the workshop

* Gynecological follow-up with ultrasound before and after AI is not included.

If you need a specific practical training on CASA, please refer to training (Ref. 026349) or support (Ref. 028839) references.

Content

Day 1:

Theoretical explanation and demonstration of

- Advantages of artificial breeding
- Semen evaluation by photometry, and CASA* and introduction to flow cytometry
- Medium preparation
- Basics in cryobiology
- Semen dilution, centrifugation, packaging, cooling and/or freezing and storage

Day 2 and 3:

Theoretical explanation and Practice on

- Semen collection procedures
- Mare preparation to AI*
- Ultrasound detection (demonstration only)
- Semen thawing and quality control
- Insemination of fresh, chilled, frozen-thawed semen
- Introduction to embryo technologies

Discussion, conclusion

The content can be customized to address specific needs, with the option to focus more intensively on particular topics of interest.

Learning Tools

At the end of the training, participants will have an overview of the semen processing steps with recommendations and do/don't.

Materials provided:

Presentations in PowerPoint or pdf format

Certificate

Attendance certificate and Certificate of Completion following the post-training quiz will be delivered.



Equine semen processing training - 3 days on site

Ref. 023880

Aim

Understand and apply each step from semen collection to insemination, as well as semen analysis, dilution, freezing and packaging in equine species

Duration

3 days

Site

At the location of the customer, after purchase of the equipment)

Audience

DVM's, Scientists, breeding technicians

Participants

Max. 5 people

Pre-requisite

Basic understanding of equine reproduction and prior experience in handling laboratory procedures. Animals should be available for practical exercises.

Registration deadline

8 weeks before the workshop

*This training includes a global overview of how and when using a CASA. If you need a specific practical training on CASA, please refer to our installation (Ref. 026346, 026347), training (Ref. 026349) or support (Ref. 028839) references.

Content

Day 1:

Theoretical explanation and demonstration of

- Advantages of artificial breeding
- Semen evaluation by photometry, and CASA*
- Introduction to flow cytometry
- Medium preparation
- Basics in cryobiology
- Semen dilution, centrifugation, packaging, freezing and storage
- Semen thawing and quality control

Day 2 and 3:

Theoretical explanation and Practice on

- Practising with the help of the trainer
- Practising on your own with checkpoints
- Discussion and suggestions for exercises with personalised recommendations

Discussion, conclusion

The content can be customized to address specific needs, with the option to focus more intensively on particular topics of interest.

Learning Tools

At the end of the training, participants will have not only an overview of the post-cervical artificial insemination steps but will put it into practice to feel more confident in their daily work to use IMV Technologies products.

Materials provided:

Presentations in PowerPoint or pdf format

Certificate

Attendance certificate and Certificate of Completion following the post-training quiz will be delivered.



Small ruminants training sessions



Small ruminants reproduction training - 2 days on site

Ref. 024107

Aim

Understand and apply the technique of post-cervical (caprine) or intra-uterine (laparoscopy in ovine) insemination in small ruminants.

Duration

2 days

Site

At the location of the customer

Audience

Breeders who want to improve their skills in insemination or begin an activity in laparoscopy
DVM's, Scientists, Technicians

Participants

Max. 5 people

Pre-requisite

Semen doses, disposable tissues must be available on-site.
Need 5 available females. It is recommended to do the training during reproductive season.

Registration deadline

8 weeks before the workshop

The content can be customized to address specific needs, with the option to focus more intensively on particular topics of interest.

Content

Day 1:

Expectation, theoretical and practice

- Visit of the farm during insemination acts
- Review of learners' expectations
- Reminder on reproductive physiology in the female
- Performance and herd management for different insemination types
- Materials needed for the techniques
- Hygiene related to AI
- Environmental factors to consider
- Practising on females with the help of the trainer

Day 2:

Self-practice on the above topics

- Practising on your own with checkpoints
- Discussion with personalised recommendations
- Discussion, conclusion

Learning Tools

At the end of the training, participants will have not only an overview of the post-cervical artificial insemination steps but will put it into practice to feel more confident in their daily work to use IMV Technologies products.

Materials provided:

Presentations in PowerPoint or pdf format

Certificate

Attendance certificate and Certificate of Completion following the post-training quiz will be delivered.



Poultry training sessions



Poultry reproduction - 3 days on site

Ref. 024105

Aim

Understand and apply each step from semen collection to insemination, as well as semen dilution and analysis in poultry species.

Duration

3 days

Site

At the location of the customer, after purchase of the equipment

Audience

DVM's, Scientists, breeding technicians

Participants

Max. 5 people

Pre-requisite

Participants should have a basic understanding of poultry reproduction and prior experience in handling laboratory procedures.

Registration deadline

8 weeks before the workshop

The content can be customized to address specific needs, with the option to focus more intensively on particular topics of interest.

Content

Day 1:

Theoretical explanation and demonstration of

- Advantages of artificial breeding
- Semen collection procedures
- Semen evaluation by photometry
- Semen dilution, packaging, and storage
- Insemination
- Female management

Day 2:

Self-practice on the above topics

- Practising with the help of the trainer according to internal process
- Practising on your own with checkpoints
- Discussion and suggestions for exercises with personalised recommendations
- Discussion, conclusion

Learning Tools

At the end of the training, participants will have not only an overview of the post-cervical artificial insemination steps but will put it into practice to feel more confident in their daily work to use IMV Technologies products.

Materials provided:

Presentations in PowerPoint or pdf format

Certificate

Attendance certificate and Certificate of Completion following the post-training quiz will be delivered.



Rabbit training sessions



Rabbit reproduction training - 1 day at IMV

Ref. 024104

Aim

Obtain theoretical and practical guidelines from semen collection to insemination, as well as semen dilution and semen analysis in rabbit.

Duration

1 day

Site

IMV Technologies, L'Aigle, France

Audience

DVM's, Scientists, breeding technicians

Participants

Max. 8 people

Pre-requisite

There is no pre-requisite

Registration deadline

4 weeks before the workshop

Content

Theoretical aspects on:

- Reminder on reproductive physiology
- Advantages of artificial breeding
- Semen collection procedures
- Materials needed for the techniques
- Hygiene related to AI
- Environmental factors to consider

Theoretical explanation and demonstration of:

- Basics in semen evaluation by photometry and CASA*
- Semen dilution, packaging, and storage
- Insemination of rabbit does

Discussion, conclusion

The content can be customized to address specific needs, with the option to focus more intensively on particular topics of interest.

Learning Tools

At the end of the training, participants will have not only an overview of the post-cervical artificial insemination steps but will put it into practice to feel more confident in their daily work to use IMV Technologies products.

Materials provided:

Presentations in PowerPoint or pdf format

Certificate

Attendance certificate and Certificate of Completion following the post-training quiz will be delivered.

*This training includes a global overview of how and when using a CASA. If you need a specific practical training on CASA, please refer to our installation (Ref. 026346, 026347), training (Ref. 026349) or support (Ref. 028839) references.



Rabbit reproduction training - 2 days on site

Ref. 024103

Aim

Understand and apply each step from semen collection to insemination, as well as semen dilution and analysis in the rabbit.

Duration

2 days

Site

At the location of the customer

Audience

DVM's, Scientists, breeding technicians

Participants

Max. 5 people

Pre-requisite

Participants should have a basic understanding of rabbit reproduction and prior experience in handling laboratory procedures.

Registration deadline

8 weeks before the workshop

*This training includes a global overview of how and when using a CASA. If you need a specific practical training on CASA, please refer to our installation (Ref. 026346, 026347), training (Ref. 026349) or support (Ref. 028839) references.

Content

Day 1:

Theoretical explanation and demonstration of

- Reminder on reproductive physiology
- Advantages of artificial breeding
- Semen collection procedures
- Semen evaluation by photometry, and CASA*
- Semen collection procedures
- Semen dilution, packaging, and storage
- Materials needed for the techniques
- Hygiene related to AI
- Environmental factors to consider
- Doe management

Day 2:

Self-practice on the above topics

- Practising with the help of the trainer according to internal process
- Practising on your own with checkpoints
- Discussion and suggestions for exercises with personalised recommendations
- Discussion, conclusion

The content can be customized to address specific needs, with the option to focus more intensively on particular topics of interest.

Learning Tools

At the end of the training, participants will have not only an overview of the post-cervical artificial insemination steps but will put it into practice to feel more confident in their daily work to use IMV Technologies products.

Materials provided:

Presentations in PowerPoint or pdf format

Certificate

Attendance certificate and Certificate of Completion following the post-training quiz will be delivered.



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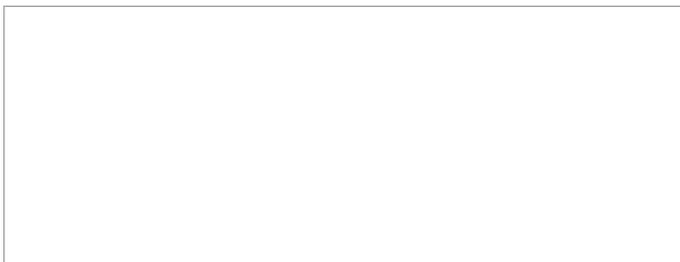
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