

ONLINE TRAINING CATALOGUE 2024

Hematology, Clinical Chemistry & Hemostasis



Summary

The International Training Manager's word Our commitments **HORIBA Medical Training Centers** o Bangkok, Thailand o Irvine, USA o Kyoto, Japan o Montpellier, France o Nagpur, India o Sao Paulo, Brazil o Shanghai, Chine Hematology, Hemostasis & Clinical Chemistry Online training program

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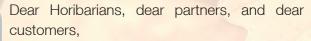
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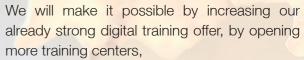


Thibault CRES

The International Training Manager's word



This year will once again bring big challenges. More than ever we need to mutualize our talents to bring product knowledge around the world.



by getting well prepared for the release of new products (including our brand new chemistry range).

While we are currently sustaining our previous activity, we are also strongly committed to these new projects.

Be assured that we will continue to make every effort to ensure that the learning moments we share with you, in each of our centres and online, are great experiences we constantly improve.

Our commitments

Modernize our sessions and training materials to be at the forefront of current teaching techniques:

To this end, we are studying numerous projects which allows to facilitate and optimize your learning (e-learning, micro-learning, interactive MCQ, webinars, technical videos...) and we are constantly improving our teaching techniques and methods during face-to-face trainings.

Furthermore, this year we are modernizing all our software for recording training sessions and distribution of documents.

Improve and standardize the quality of our services in all Training Centers:

All of our Training Centers are organized to offer you similar and standardized sessions for which we try to improve the quality of the content each year. For this, each center uses the same tools, the same criteria for certifying trainers and applies the same procedures that comply with our international certifications.

One Company ! and One Training Standard.

Promote respect for the environment in our daily work:

We want to increase, even more, our commitment to respect the environment; thus we started the project to remove all the "quality" documents in paper format from our sessions in order to dematerialize them along with a full management of the electronic validation process.

HORIBA Medical Training Centers

HORIBA Medical Training division organizes each year more than 4000 training days, in our subsidiaries or outside premises.

Last year, we had the pleasure to train about 1000 trainees on our products and more than 90% of them were "very satisfied" at the end of the training session.

The training sessions we offer are varied in order to meet the skills needs of trades: Service Engineers Application Engineers

Sales Engineers

Business Expert

Final referent Users...

To facilitate a good knowledge transmission, HORIBA Medical Training Centers are located everywhere in the world :

- Bangkok, Thailand
- Irvine, USA
- Kyoto, Japan
- Montpellier, France
- Nagpur, India
- Sao Paulo, Brazil
- Shanghai, China

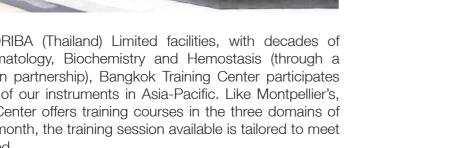








Established in HORIBA (Thailand) Limited facilities, with decades of experience in Hematology, Biochemistry and Hemostasis (through a previous distribution partnership), Bangkok Training Center participates in the deployment of our instruments in Asia-Pacific. Like Montpellier's, Bangkok Training Center offers training courses in the three domains of knowledge. Every month, the training session available is tailored to meet the needs expressed.





Using all modern pedagogical technologies and techniques: video, e-learning modules, face-to-face trainings, the Irvine Training Center trains more than 400 trainees per year. The Center gives technical trainings, application trainings and trainings oriented towards the use of our equipments. The face-to-face sessions take place partly in the offices in California but also directly in the Customer's laboratory, handled by FSE (Field Service Engineers) & Application Specialists.



Mr. Antoine Meyrignac General Manager – Asia Pacific Training Center Manager





Ms. Mattaneeya Pattarateerachat Application Manager Asia Pacific - Application Trainer



Technical Trainer



Mr. Jefferson Villapando Ms. Patcharee Thawornwiriyanun (Ning) Assistant to GM – Asia Pacific Training Coordinator







Skip Smith Training Center Manager

Tim Haugeback Field Service Engineer & Trainer



Steven Mason Trainer

Kyoto, Japan



Montpellier, France



The Training Center offers optimal working conditions:

• 6 Training rooms

• 50 instruments from all HORIBA Medical ranges (including the latest ones, as HELO 2.0* Solution and the new hemostasis instruments range)

*HORIBA Evolutive Laboratory Organization

Thibault Cres

HORIBA Medical Training Manager

Green Belt in LEAN management and methods

of continuous improvement speciality: Clinical cases studies, educational engineering



Laurence Nguyen-Galzi Digital Training Coordinator



Leila Nasser Documentation & Training Center Assistant



Olivier Bois Clinical Chemistry, Hemostasis and Hematology Trainer Technical Support



The Japan Training Center is the first Multi-segment (Automotive, Medical, Process & Environment, Scientific, Semi conductor) Training center of the group and has been opened in 2021.

Based in Kyoto, the Medical activity has been officialized in Sept. 22. With over 51 training instruments units and 5 training rooms, the training center offers possibility to train up to 48 people at a time. The studio and the online room allow remote training. E-Learning is also available.



Mr. Yoichiro Tamamura Training Center Section Leader



Mr. Ken Kamezaki Training Coordinator (Medical)





Ryusuke Sakaguchi Training Coordinator (Multi segment)



Shuhei Takama Service Division Medical Device

Based in our HORIBA Medical French site, in Montpellier, the Training Center welcomes each year more than 500 trainees, from more than 90 different nationalities.











Eric Diaz Expert Trainer in Hematology Technical team training manager Face-to-face Training Coordinator



Margaux Boissiere Hematology Trainer Referent for Application trainings

Nagpur, India

Crucial in more than one way, the Indian market is booming. To reach a high level of customer satisfaction thanks to professional and efficient teams, HORIBA India invests heavily in its Training Center; with four training rooms equipped with all Hematology and Biochemistry ranges, one manager, one coordinator and two full time trainers, HORIBA India Training Center trains more than 250 trainees each year.







Sao Paulo, Brazil



The Brazilian Training Center, located near Sao Paulo, has already been operating for many years. Major actor for the HELO* Solution, - more than 50 high range instruments are already installed in customer's laboratories in Brazil and are running several thousand of samples per day! - the Training Center is a crucial support ensuring simultaneously the transmission of knowledge to HORIBA Brazil staff, to HORIBA Brazil local distributors but also to all our Latin America's distribution network.

*HORIBA Evolutive Laboratory Organization



Fabio Oliveira

Training Center Manager



Charles Camargo Trainer Manager Training Coordinator



Fabio Simoes

Trainer



Trainer



Pushkar Admane Head – Scientific Affairs & Training

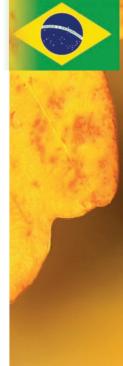


Suthram Subramanyam Clinical Chemistry Trainer



Murali Ramachandran Hematology Trainer









Barbara Lima Trainer

Shanghai, China



In order to support the launch of the Yumizen Hematology range on the Chinese market (HELO* Solution, YH550), HORIBA (China) Trading Co, Ltd. get equipped with a state-of-the-art training Center which has opened its doors july-2019. Everything is being done to ensure that the Center is operational as soon as it is launched: certified trainers, equipped facilities and a fleet of instruments to meet this major challenge.



*HORIBA Evolutive Laboratory Organization





Yi Xue Shanghai Training Center Manager Hematology Technical Trainer Excellent Service Engineer Technology and malfunction analysis



Jun Wang Hematology Technical Trainer Expert Service Engineer More than 10 years of HORIBA Medical Service experience



Qiong Gao Hematology Application Trainer Clinical laboratory medicine Experienced Application Specialist



Ming Cao Hematology Application Trainer Clinical laboratory medicine 10 years' work experience in hospital clinical laboratory



Hematology Intermediate

STD ONLINE HEM INT EN 3S

Revision

June, 2020

Target audience Client, Application engineer

To improve Hematology knowledge:

- Blood cells
- Cytology of mature and immature cells
- Parameters normal ranges
- Hematopoiesis
- Basics hematological pathologies

Skills targeted

At the end of the training course, the trainee should understand the hematology basics, blood parameters normal range, hematopoiesis and blood lineages, cytology of mature and immature cells and some basic pathologies corresponding to blood parameters.

The online training is organized in 3 sessions of 3 hours.

Requirements & Recommendations

Requirements: none Recommendations: none for this course

- Theoretical presentations
- Quiz





3 sessions

9 hours

Online Training Program

Hemostasis Beginner

STD ONLINE HEMO BEG EN 1S

September, 2020

Target audience

After Sales Service Technician, Sales

- To improve Hemostasis knowledge: - Coagulation cascade
- Parameters
- To improve technologies knowledge:
- Hardware description
- Software description
- Reagents description

Skills targeted

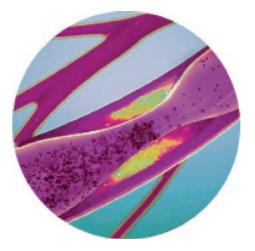
At the end of the training course, the trainee should understand the hemostasis basics and HORIBA Medical instruments main functions and technologies.

The online training is organized in 1 session of 3 hours.

Requirements & Recommendations

Requirements: none Recommendations: none for this course

- Theoretical presentations
- Quiz



session 3 hours GO Live

- Hemostasis instruments technologies

Hemostasis Intermediate

STD ONLINE HEM INT EN 3S

November, 2021

Target audience Client, Application engineer

Training main objectives

To improve Hemostasis knowledge of

- Screening Tests
- Fibrin Formation & Degradation
- Thrombophilia
- Anticoagulant Therapy

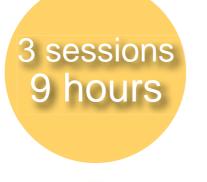
- At the end of the training, the trainee should be comfortable with:
- Hemostasis (test & technologies)
- Reagents: interest and use
- Preanalytical recommendations

Duration and Schedule The online training is organized in 3 sessions of 3 hours

Requirements & Recommendations

It is mandatory to have attended Hemostasis Beginner Recommendations: None

Theoretical presentations





Online Training Program

Biochemistry Beginner

STD ONLINE BIO BEG EN 1S

Revision June, 2020

Target audience

After Sales Service Technician, Sales

- To improve Biochemistry knowledge:
- Molecules Chemistry - Medical panels of Clinical Chemistry
- Parameters
- To improve technologies knowledge: - Clinical chemistry technologies
- Application overview

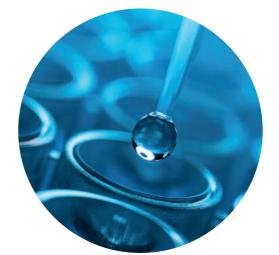
Skills targeted

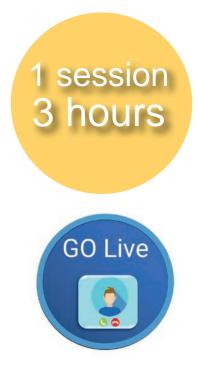
At the end of the training course, the trainee should understand the clinical chemistry basics and technologies associated.

The online training is organized in 1 session of 3 hours.

Requirements & Recommendations Requirements: none Recommendations: none for this course

- Theoretical presentations
- Quiz





Biochemistry Intermediate

STD ONLINE BIO INT EN 3S

June, 2021

Target audience Client, Application engineer

- To improve Biochemistry & application knowledge of:
- Chemistry of Molecules
- Enzyme/substrates
- Specific proteins
- Ions & ISE module
- Calculation mode & calibration mode
- Reagent chemistry & use
- To improve Clinical knowledge of:
- Clinical panels
- Interference (sample & reagent

Skills targeted

- At the end of the training course, the trainee should have
- Improved knowledge of biochemistry use & application.
- Improved biochemistry measurement technologies knowledge.
- Improved Clinical chemistry knowledge (panels).
- The online training is organized in 3 sessions of 3 hours.

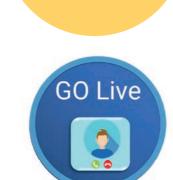
The online training is organized in 3 session of 3 hours.

Requirements & Recommendations

Requirements: It is mandatory to have attended Biochemistry Beginner Recommendations: Application experience & knowledge

- Theoretical presentations
- Video conferencing





3 sessions

9 hours

Online Training Program

Malaria

STD ONLINE MALARIA EN 1S

Revision January. 2021

After Sales Service technician, Sales, Client, Application engineer

- To improve knowledge on Malaria:
- Demographics
- Clinical symptoms - Pathogenesis
- Diagnosis
- Challenges
- Malaria flag on Horiba instruments Pentra XLR/80XL Yumizen H550

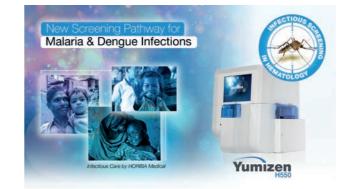
At the end of the training course, the trainee should understand Malaria pathology and diagnosis, Malaria detection challenges, Malaria flags on Pentra XLR/80XL, datamining and Malaria and Dengue flags on Yumizen H550.

The online training is organized in 1 session of 3 hours.

Requirements & Recommendations

Requirements: none Recommendations: none for this course

• Theoretical presentations









Yumizen P8000 rules

STD ONLINE YP8000 RULES EN 4S



P8000 Expert

To be able to provide support to customers: - Rules creation - Rules customization To be able to train customers

At the end of the training course, the trainee should understand how the Yumizen P8000 rules work and should be able to create and customize rules.

The online training is organized in 4 sessions of 3 hours each

Requirements & Recommendations

Requirements: Mandatory to have attended P8000 Use & Setup Recommendations: YP8000 basic training

Learning methods

- Theoretical presentations
- Demonstrative videos
- Application exercises
- Quizzes



Online Training Program

ABX Pentra C200* Use

TD ONLINE PC200 USE EN 3S

Revision June, 2021

Target audience

Training main objectives

- To improve knowledge of:
- Applications
- Pentra C200 functions
- To improve Pentra C200 use of: - Reagent, calibration & QC handling
- Patient sample run
- To improve technologies knowledge of: - Device principle
- Application overview

At the end of the training course, the trainee should have

- Improved knowledge of Pentra C200 use.
- Improved knowledge of Pentra C200 maintenance.
- Improved knowledge of instrument technologies.

The online training is organized in 3 sessions of 3 hours.

Requirements & Recommendations Requirements: None

Recommendations: Knowledge in Biochemistry

Learning methods

- Theoretical presentations
- Videos
- Video conferencing



*ISE option on request (1 session/ 3 hours)



4 sessions

12 hours





Client, Technician, Sales, Application engineer

ABX Pentra C200 Application

June, 2021

STD ONLINE PC200 APP EN 2S



Target audience Application engineer

Training main objectives

- To improve Biochemistry knowledge of:
- Applications
- Parameters
- To improve technologies knowledge of:
- Device principle
- Application overview

Skills targeted

At the end of the training course, the trainee should have

- Improved knowledge of Pentra C200 use & application.
- Improved knowledge of Pentra C200 application installation & troubleshooting.

The online training is organized in 2 sessions of 3 hours

Requirements & Recommendations

Requirements:

- Experience & knowledge of Pentra C200 use or to have attended "Pentra C200 Online Use".

Recommendations:

- Knowledge of biochemistry

Learning methods

- Theoretical presentation
- Demonstrations
- Simulator
- Video conferencing



2 sessions 6 hours



Online Training Program

ABX Pentra C400* Use

STD ONLINE PC400 USE EN 3S

Revision June, 2021

Target audience Client, Technician, Sales, Application engineer

Training main objectives

To improve knowledge of:

- Applications
- Pentra C400 functionning
- To improve Pentra C400 use:
- Reagent, calibration & QC handling - Run patient sample
- To improve technologies knowledge of:
- Device principle
- Application overview

Skills targeted

- At the end of the training course, the trainee should have
- Improved knowledge of Pentra C400 use.
- Improved knowledge of Pentra C400 maintenance.
- Improved knowledge on instrument technologies.

The online training is organized in 3 sessions of 3 hours

Requirements & Recommendations

Requirements: none **Recommendations:** -Knowledge of Biochemistry

Learning methods

- Theoretical presentations
- Videos
- Video conferencing



*ISE option on request (E-Learning module)







ABX Pentra C400 Application

STD ONLINE PC400 APP EN 2S

June, 2021

Target audience Application engineerr

Training main objectives

To improve Biochemistry knowledge of:

- Applications
- Parameters
- To improve Pentra C400 knowledge of:
- Installation
- Settings
- To improve technologies knowledge of:
- Application & cycles

Skills targeted

At the end of the training course, the trainee should have

- Improved knowledge of Pentra C400 use & application.
- Improved knowledge of Pentra C400 application installation & troubleshooting.

The online training is organized in 2 sessions of 3 hours

Requirements & Recommendations

Requirements:

- Experience & knowledge of Pentra C400 use or to have attended "Pentra C400 Online Use"

Recommendations:

- Knowledge of biochemistry

Learning methods

- Theoretical presentation
- Demonstrations
- Simulator
- Video conference



2 sessions 6 hours



Online Training Program

Yumizen G400 Use

STD ONLINE YG200 YG400 USE EN 1S

Revision July, 2020

Target audience Client, Technician, Sales, Application engineer

Training main objectives

- To improve Hemostasis knowledge of: - Parameters
- Pre-analytical recommendations
- To improve instruments knowledge of:
- Registration of reagents, QC & Cal
- Analytical flags
- Patient management
- Customer maintenance
- To improve technologies knowledge of:
- Device principle
- Application overview

- Instrument use
- Instrument maintenance - Technologies
- Setup

Duration and Schedule The online training is organized in 1 session of 3 hours.

Requirements & Recommendations Requirements: none

Recommendations:

Learning methods

- Theoretical presentations
- Videos
- Camera





At the end of the training, the trainee should have improved knowledge of:

- Knowledge of Hemostasis discipline or experience on other Hemostasis instrument





Yumizen G800/G8X0H/ G15X0/G15X0H Use

STD ONLINE YG800 YG1500 USE EN 2S



Client, Technician, Sales, Application engineer

- To improve Hemostasis knowledge of:
- Parameters
- Pre-analytical recommendations
- To improve instruments knowledge of:
- Registration of reagents, QC & Cal
- Analytical flags
- Patient management
- Customer maintenance
- To improve technologies knowledge of:
- Device principle
- Application overview

Skills targeted

At the end of the training, the trainee should have improved knowledge on:

- Instrument use
- Instrument maintenance
- Technologies
- Setup

The online training is organized in 2 sessions of 3 hours

Requirements & Recommendations Requirements: None

Recommendations:

- Knowledge of Hemostasis discipline or experience on other hemostasis instrument

Learning methods

- Theoretical presentation
- Videos
- Camera





Online Training Program

Yumizen G800/G8X0H/ G15X0/G15X0H Application

STD ONLINE YG800 YG1500 APP EN 3S

July, 2020

Target audience Application engineer

Training main objectives

To improve Hemostasis knowledge of :

- Coagulation cascade - Parameters
- Reagent's function
- Pre-analytical recommendations
- To improve instruments knowledge of:
- Registration of reagents, QC & Cal
- Analytical flags
- Patient management
- Customer maintenance
- To improve technologies knowledge of:
- Device principle
- Application overview

Skills targeted

- Instrument use & support
- Instrument maintenance
- Technologies
- The pre-analytic recommendation
- Instrument Installation, setup & support

The online training is organized in 3 sessions of 3 hours...

Requirements & Recommendations

Requirements: Basic knowledge of Hemostasis & application support experience

Recommendations:

Learning methods

- Theoretical presentation
 - Videos - Camera





2 sessions

6 hours



At the end of the training, the trainee should have improved knowledge of:

Good knowledge of Hemostasis discipline or experience on other Hemostasis instrument

Yumizen H2500 Installation & Preventive Maintenance

Basic operations only. Not replacing a face-to-face training!



STD ONLINE YH2500 EN 3S

Revision May, 2021

Target audience Technician

To improve medical laboratories knowledge To improve knowledge on Yumizen H2500 technical support: - Installation process description

- Maintenances description
- Beginning on Adjustments descriptionn

Skills targeted

- At the end of the training course, the trainee should have
- improved knowledge of instruments installation.
- improved knowledge of preventive maintenance.
- improved knowledge of routine instrument.

The online training is organized in 3 sessions of 3 hours..

Requirements: none Recommendations: none

Learning methods

- Theoretical presentations
- Videos
- Video conferencing
- Exercises

Online Support training

"These virtual classes are meant to help the attendee with basic operations, while waiting to attend a face-to-face training. They are not replacing face-to-face trainings."





Pentra XLR Installation & Preventive Maintenance



Basic operations only. Not replacing a face-to-face training!



STD ONLINE PXLR Install&PM EN 2S

January, 2021





- To improve medical laboratories knowledge
- To improve knowledge of PXLR technical support:
- Installation process description
- Repeatability description
- Maintenances description
- Beginning of adjustments description



Skills targeted

At the end of the training, the trainee should have improved knowledge on: - Instruments installation.

- Preventive maintenance.
- Instrument routine.

The online training is organized in 2 sessions of 3 hours.

Recommendations

- To have some prior technical experience in others diagnostics systems
- To have attended Hematology Beginner" or have prior hematology experience

Learning methods

- Theoretical presentations
- Technical videos
- Software explanation



Online Training Program

Yumizen YH500 & H550 Installation & Preventive Maintenance

Basic operations only. Not replacing a face-to-face training!



STD ONLINE YH500-YH550 EN 2S

January, 2021

Target audience Technician

Training main objectives

- Installation process description - Maintenances description
- Beginning on Adjustments description

Skills targeted

At the end of the training course, the trainee should

- have improved use the routine instrument knowledge.

The online training is organized in 2 session of 3 hours.

Recommendations

Requirements: none Recommendations: none

Learning methods

- Theoretical presentation
- Videos
- Camera 00 5













To improve knowledge on Yumizen H5X0 technical support:

- have improved the instruments installation knowledge. - have improved the preventive maintenance knowledge.



ABX Pentra C200 Installation & Preventive Maintenance

3 sessions 9 hours

GO Live

Online Training Program

ABX Pentra C400 Installation & Preventive Maintenance

Basic operations only. Not replacing a face-to-face training!



Revision

March, 2021

Technician

Training main objectives

- To improve medical laboratories knowledge. To improve knowledge of Pentra C400 technical support:
- Installation process description
- Repeatability (Precitest) description
- Maintenances description
- Beginning on Adjustments description

Skills targeted

- At the end of the training course, the trainee should have
- Improved knowledge of instruments installation. - Improved knowledge of preventive maintenance.
- Improved knowledge of routine instrument.

The online session is organized in 3 sessions of 3 hours

Recommendations

- To have atended Pentra C400 user

Learning methods

- Theoretical presentations
- Videos
- Video conferencing
- Simulator



Basic operations only. Not replacing a face-to-face training!



June, 2021





Training main objectives

- To improve medical laboratories knowledge
- To improve knowledge of Pentra C200 technical support:
- Installation process description
- Repeatability (precitest) description
- Maintenances description
- Beginning of adjustments description

Skills targeted

- At the end of the training course, the trainee should have:
- Improved knowledge of instruments installation.
- Improved knowledge of preventive maintenance.
- Improved knowledge of routine instrument.

The online session is organized in 3 sessions of 3 hours

- To have some prior technical experience in others diagnostics systems
- To have attended Pentra C200 user training
- To have attended "Biochemistry Beginner" or have prior biochemistry experience

Learning methods

- Theoretical presentations
- Videos
- Video conferen















- To have some prior technical experience in others diagnostics systems - To have have attended Biochemistry beginner or have prior biochemistry experience



Yumizen G800/G8X0H/ G15X0/G15X0H Installation & Preventive Maintenance

2 sessions 6 hours

Basic operations only. Not replacing a face-to-face training!

Code STD ONLINE YG800 YG1500 INSTALL & PM EN 3S

Revision July, 2020

Target audience Technician

Training main objectives

To be able to:

- Install the instruments
- Perform the preventive maintenance
- To Improve Hemostasis knowledge of:
- Coagulation cascade
- Parameters & reagents To improve instruments knowledge of:
- Reagents, calibrator & QC use
- Technologies, alarms, pre-analytics
- Customer & technical maintenance

Skills targeted

At the end of the training, the trainee should have improved knowledge of:

- Instrument use
- Instrument maintenance
- Technical adjustments
- Instruments installation

Duration and Schedule

The online training is organized in 2 sessions of 3 hours..

Requirements & Recommendations

Requirements: Last version of the technical manual Recommendations: Knowledge of Hemostasis discipline Experience on other Hemostasis instrument

Learning methods

- Theoretical presentation
- Videos
- Camera



GO Live

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Your contacts

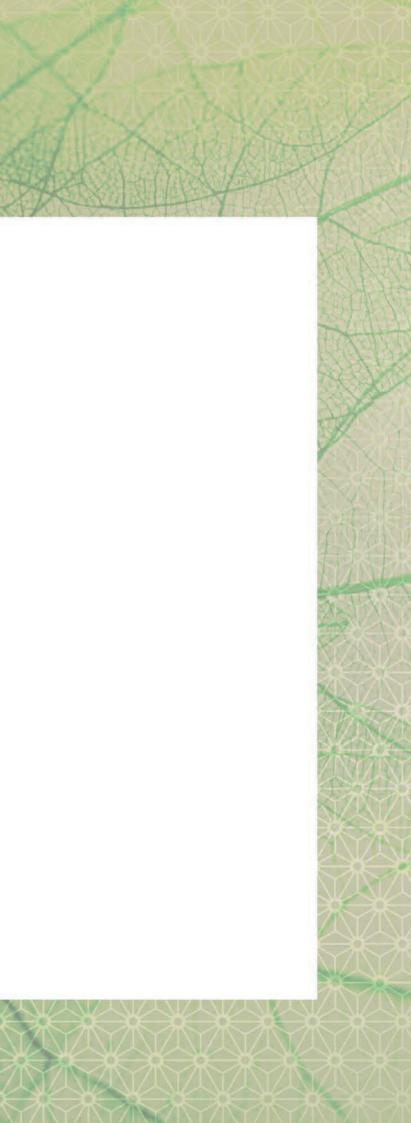
International Training Organization and Management: thibault.cres@horiba.com

Training planification: https://www.horiba.com/en_en/medical/support/training/

E-training (e-learning courses and virtual classrooms): training.med@horiba.com



DIGITAL TRAINING







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