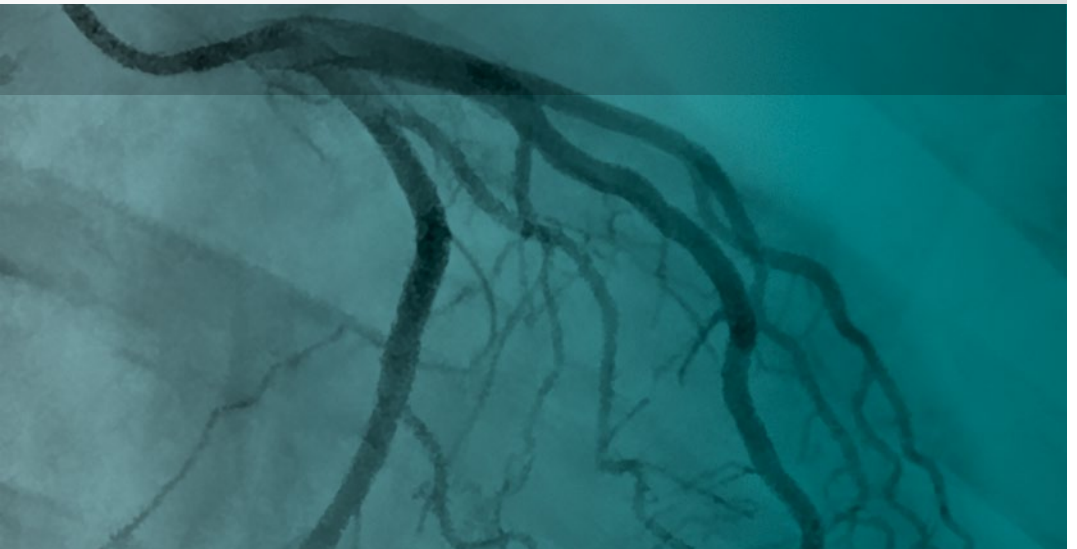


## Training Program 2022

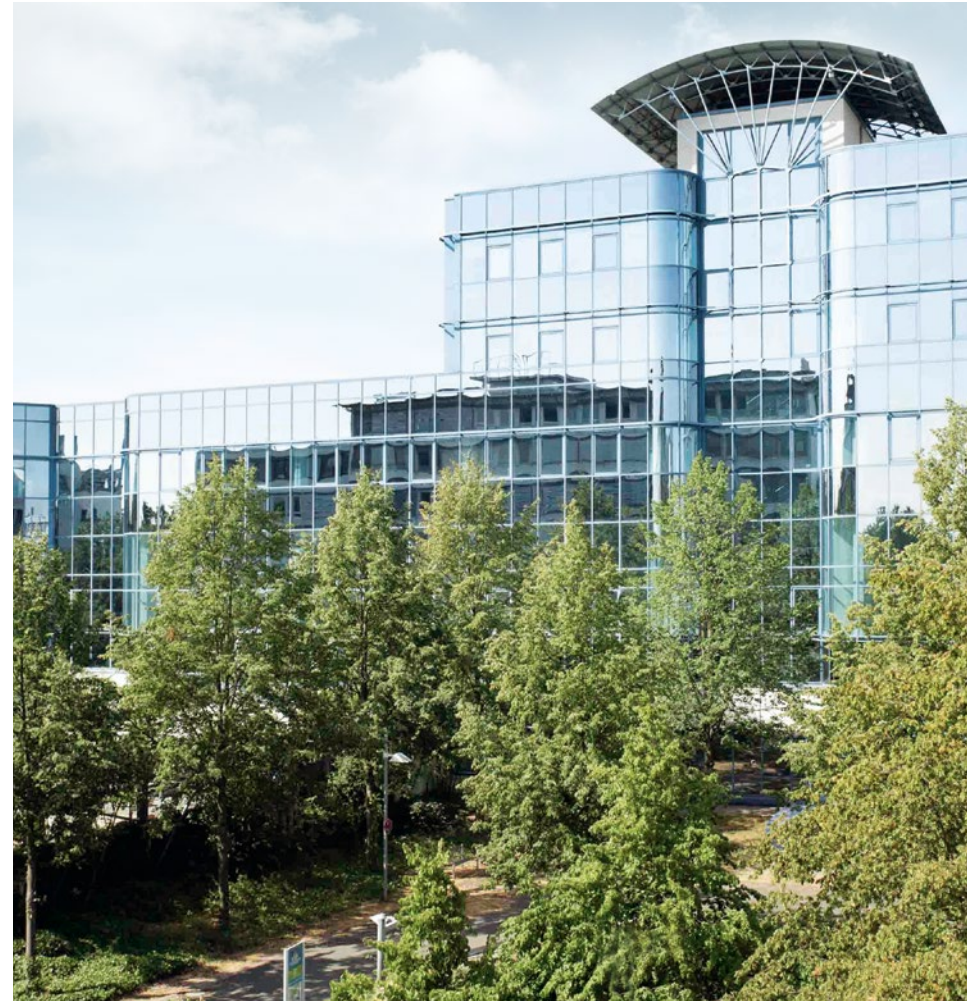
Where Education Meets Technology

January – December 2022



At Ziehm Imaging, we are strongly committed to our customers and their patients. Which means a great deal more than developing top-of-the-range products. Through Ziehm Academy, we empower our partners with the knowledge, skills and insight they need to get the most out of our products. Our courses balance theory with hands-on experience to reveal the full benefits of our exceptional units. We look forward to welcoming you to our courses in 2022.

Please register online for our courses at [academy.ziehm.com](https://academy.ziehm.com)



## 01 / Clinical & Application, and Sales Training

### Empowering our distributors and sales partners

Offered as separate courses, Clinical & Application and Sales. The CA Basis training covers basis knowledge in anatomy and C-arm technology with an overview of the Ziehm Vision based systems. More experienced sales and application specialists can directly attend the CA Advanced training, covering cardiovascular applications, hybrid room applications, image quality, 3D and navigation applications and DICOM. For specific sales topics (ie competitor advantage, selling points) please come to our Sales trainings for specific products.

We recommend attending both Clinical & Application, and Sales training for a complete overview.



## Learning goals

- Get an overview on user interface functions and system customization
- Share knowledge about clinical application workflows
- Bring sales and application specialists up to speed on Ziehm Imaging C-arms (positioning and applications incl.)
- Deepen knowledge about hybrid room applications
- Strengthen understanding of benefits and applications of intraoperative 3D imaging and navigation tools
- Refresh or deepen networking and DICOM skills across different configurations
- Apply strategies for image quality optimization in different applications

## Training on request

For doctors, nursing staff, MTRAs, students. Topics include X-ray technologies, image quality, special applications. Participant numbers depend on topic. Training must be requested via e-mail to "academy@ziehm.com" at least three months before the suggested date.

## Basis

### Clinical & Application

#### Basis Training

en DE 06 07 08 Apr.  
 en DE 22 23 24 June  
 en DE 07 08 09 Sep.  
 en DE 19 20 21 Oct.  
 en DE 07 08 09 Dec.

#### Sales Orthoscan

en DE 07 Mar.  
 en DE 30 June  
 en DE 15 Sep.

#### Image Quality

en DE 07 Mar.  
 en DE 30 June  
 en DE 15 Sep.  
 en DE 18 Oct.

Subject to change.

#### CA Therenva

#### EndoSize/EndoNaut

en DE 09 Mar.  
 en DE 08 June  
 en DE 23 Sep.  
 en DE 27 Oct.

#### Sales Therenva

#### EndoSize/EndoNaut

en DE 08 Mar.  
 en DE 07 June  
 en DE 22 Sep.  
 en DE 26 Oct.

#### CA Fysicon QMAPP

#### Hemodynamic System

en DE 15 16 Mar.  
 en DE 08 09 Nov.

#### Sales Fysicon QMAPP

#### Hemodynamic System

en DE 15 Mar.  
 en DE 08 Nov.

## Advanced\*

### Clinical & Application

#### Advanced Training

en DE 11 12 13 Apr.  
 en DE 27 28 29 June  
 en DE 12 13 14 Sep.  
 en DE 12 13 14 Dec.

### Clinical & Application

#### Top Up Training for 2D & 3D

en DE 04 05 Apr.

Prices on request.  
 Practical experience between courses is strongly recommended.

en: Course held in English

DE: Course located in Germany (Nuremberg)

\* Prerequisite: Participants shall be familiar with the basic use of mobile C-arms.



## 02 / Hospital Technicians Training

### Improving hospital in-house service

These training courses are designed specifically for hospital technicians responsible for servicing our mobile C-arms. The engineers gain a deeper understanding of Ziehm Imaging product functionality, learning basic mobile C-arm maintenance procedures and the differences between the various hardware and software versions. These courses also cover all aspects of service strategies, from service levels to troubleshooting and fault detection. The knowledge gained during these courses allows in-house technicians to solve most commonly encountered issues quickly and efficiently.



## Learning goals

- Provide a technical overview of mobile C-arms and their components, incl. monoblock generator technology
- Adjustment of the C-arm, positioning and measurement of dose and dose protection
- Cover basic functionality of different hardware and software versions
- Explain service strategies, including service levels and troubleshooting strategies and tips
- Provide hands-on software installation assistance
- DICOM configuration basics

## Orthoscan Hospital Technicians Training

One day training for hospital technicians that need to provide first-level service support for Orthoscan FD systems. This course covers an overview on the components inside the system and their interaction.

### NEW Hospital Technicians Training Ziehm Vision Family Extended

Please see our website. Registrations are in agreement with your Ziehm Imaging Business Manager.

### USA Hospital Technicians Training in USA

On-site training for hospital technicians/engineers available in USA under the name of "BioMed Training". Please contact our Orlando office for information regarding BioMed training in the USA.

## Basis

### Ziehm Vision Family Basis

de DE 21 22 23 Mar.  
 en DE 30 31 01 May-June  
 de DE 28 29 30 Sep.  
 en DE 02 03 04 Nov.

### Orthoscan

de DE 24 Mar.  
 en DE 02 June  
 de DE 27 Sep.  
 en DE 01 Dec.

### Ziehm Vision Family Extended

en DE 25 26 27 28 29 Apr.  
 en DE 24 25 26 27 28 Oct.

Prices on request.  
 Practical experience between courses is strongly recommended.

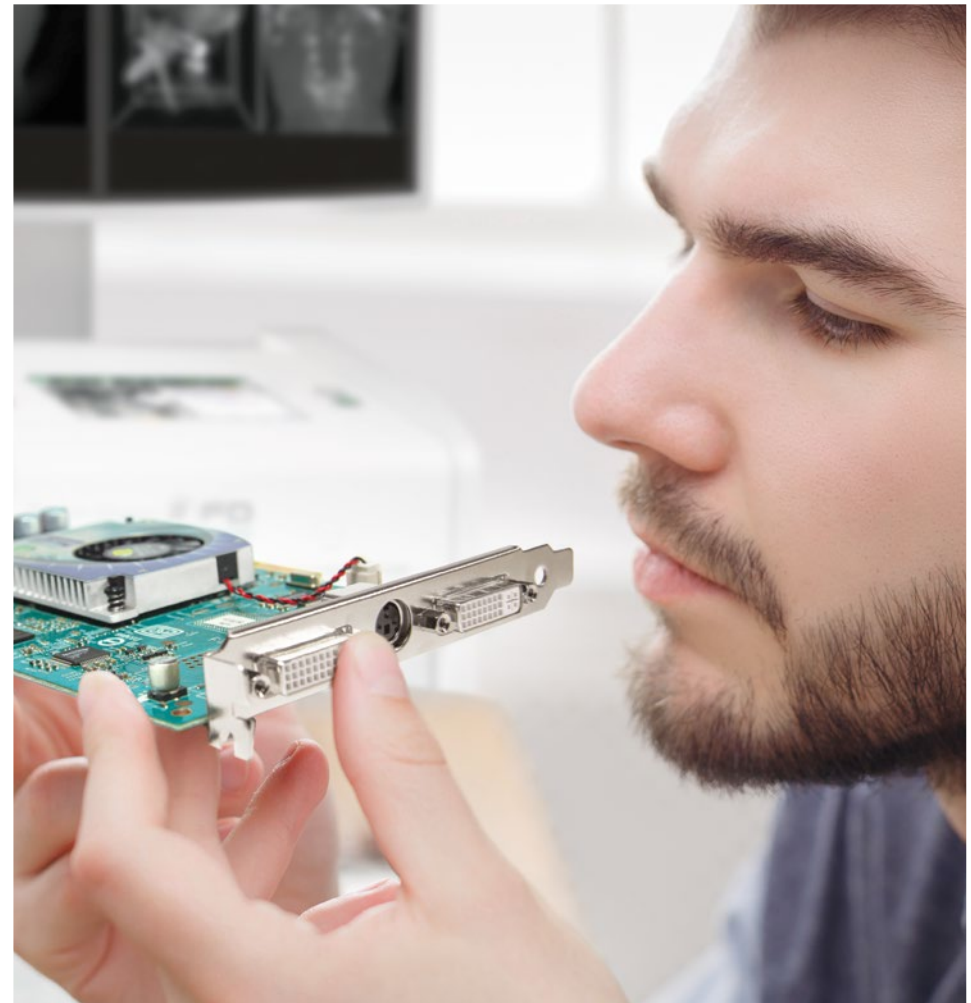
en: Course held in English  
 de: Course held in German  
 DE: Course located in Germany (Nuremberg)

\* Prerequisite: Participants shall be familiar with the basic use of mobile C-arms.

## 03 / Technical Service Training

In-depth troubleshooting for our service partners and distributors

These training courses have been designed specifically for technicians responsible for service issues related to our mobile C-arms. It gives course participants an in-depth understanding of the design and configuration of all hardware and software building blocks and how they interwork. We back up our theoretical coaching with hands-on training and troubleshooting exercises based on real error cases. These courses give service partners the technical foundation they need to solve complex issues in the field.



## Learning goals

- Strengthen participants' understanding of the different components of Ziehm Imaging's technologies including troubleshooting strategies
- Provide hands-on software installation assistance and interactive workshops
- Give a technical overview of mobile C-arms and their technical set-up also covering generator technologies
- Deepen participants' knowledge of different flat-panel technologies
- Facilitate the relevant skills for servicing our latest product innovations Ziehm Vision RFD Hybrid Edition and Ziehm Vision RFD 3D



# DE

## New Technical Service Training Concept

Since 2021 we offer a new structure to our Technical Service Trainings – a blended learning approach with a flexible combination of online and/or on-site training.

Our service partners will now be able to part-qualify for specific service tasks and maintenance or fully-qualify for all complex service assignments depending on their expertise and their company's needs.

On-Line Training is a mix of self-learning and preparation online and virtual classroom sessions, with tests to check progress and understanding. Training can pause here, or service engineers proceed to on-site classroom training.

On-Site Training, here in Nuremberg, Germany, will give the hands-on practise needed to perform the full range of higher-level service tasks on Ziehm Imaging's X-ray units.



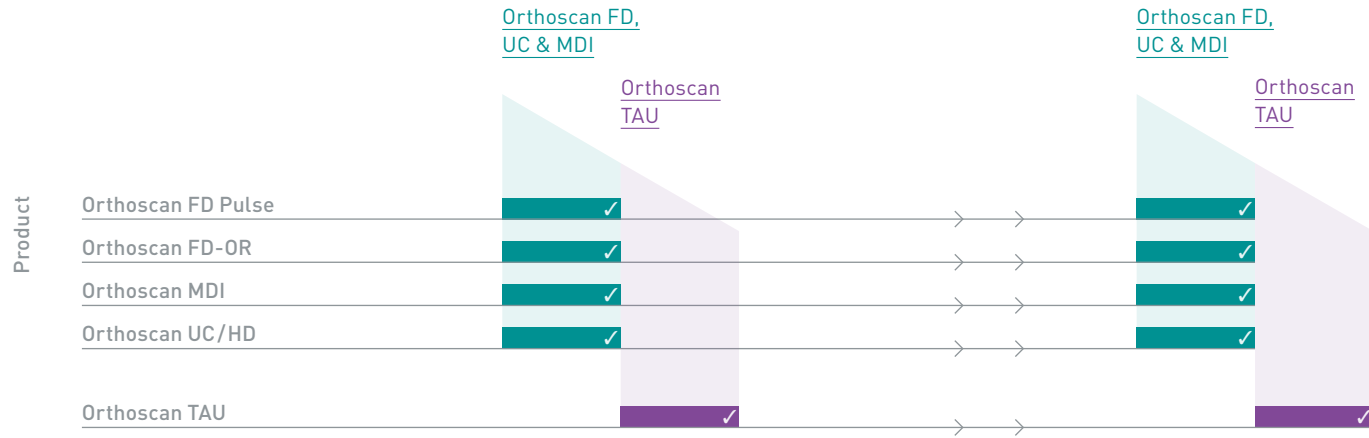
### On-Line Training

### On-Site Training



## On-Line Training

## On-Site Training



✓ course completed  
 → course not yet completed

Basis

All On-Site courses are held in Germany (Nuremberg)

Ziehm Vision Family Basis

On-Line VC1+2	On-Line VC3+4	On-Line VC5+6	On-Line VC7+8	On-Site
en 11 12 Jan.	en 19 20 Jan.	en 24 25 Jan.	en 31 01 Jan.-Feb.	en 24 25 26 27 28 Jan.
en 10 11 Feb.	en 17 18 Feb.	en 01 02 Mar.	en 03 04 Mar.	it 07 08 09 10 11 Feb.
en 24 25 Mar.	en 04 05 Apr.	en 11 12 Apr.	en 13 14 Apr.	en 21 22 23 24 25 Feb.
en 02 03 May	en 12 13 May	en 19 20 May	en 23 24 May	en 28 29 30 31 01 Mar.-Apr.
en 02 03 June	en 09 10 June	en 14 15 June	en 20 21 June	en 09 10 11 12 13 May
en 29 30 June	en 14 15 July	en 25 26 July	en 27 28 July	en 20 21 22 23 24 June
en 01 02 Aug.	en 09 10 Aug.	en 18 19 Aug.	en 22 23 Aug.	en 04 05 06 07 08 July
en 24 25 Aug.	en 12 13 Sep.	en 22 23 Sep.	en 26 27 Sep.	en 05 06 07 08 09 Sep.
en 01 02 Sep.	en 19 20 Sep.	en 04 05 Oct.	en 06 07 Oct.	en 10 11 12 13 14 Oct.
en 04 05 Oct.	en 13 14 Oct.	en 20 21 Oct.	en 24 25 Oct.	ru 07 08 09 10 11 Nov.
en 10 11 Nov.	en 24 25 Nov.	en 06 07 Dec.	en 08 09 Dec.	en 28 29 30 01 02 Nov.-Dec.

On-Line courses in Chinese on request.

On-Site courses in Chinese in China on request.

Courses held in Singapore

en 06 07 08 09 10 June

[Therenva EndoSize/EndoNaut](#)

On-Site

en 10 Mar.
en 09 June
en 21 Sep.
en 28 Oct.

[Fysicon QMAPP Hemodynamic System](#)

On-Site

en 17 Mar.
en 10 Nov.

[Ziehm 8000](#)

On-Line VC1+2	On-Line VC3+4	On-Site
en 17 18 Jan.	en 26 27 Jan.	en 07 08 09 Feb.
en 09 10 Mar.	en 16 17 Mar.	en 27 28 29 Apr.
en 06 07 Apr.	en 19 20 Apr.	en 26 27 28 July
en 27 28 June	en 07 08 July	en 26 27 28 Sep.
en 08 09 Sep.	en 15 16 Sep.	en 28 29 30 Nov.
en 03 04 Nov.	en 14 15 Nov.	en 12 13 14 Dec.

[Orthoscan FD UC & MDI](#)

On-Line VC1+2	On-Site
en 03 04 Feb.	en 28 Feb.
en 21 22 Mar.	en 11 Apr.
en 04 05 May	en 07 June
en 11 12 July	en 02 Nov.
en 06 07 Oct.	en 15 Dec.
en 17 18 Nov.	

[Orthoscan TAU](#)

On-Line VC1+2	On-Site
en 21 22 Feb.	en 01 Mar.
en 30 31 Mar.	en 12 Apr.
en 16 17 May	en 08 June
en 11 12 Aug.	en 03 Nov.
en 17 18 Oct.	en 16 Dec.
en 22 23 Nov.	

[Stille imagiQ2 certified service training](#)

On-Site

en 14 15 Mar.
en 23 24 May
en 06 07 Oct.

Advanced\*

All On-Site courses are held in Germany (Nuremberg)

[Ziehm Vision Family Advanced](#)

On-Line VC1+2	On-Site
en 07 08 Feb.	en 28 01 02 03 04 Feb.-Mar.
en 14 15 Mar.	en 04 05 06 07 08 Apr.
en 21 22 Apr.	en 16 17 18 19 20 May
en 30 31 May	en 27 28 29 30 01 June-July
en 04 05 July	en 11 12 13 14 15 July
en 04 05 Aug.	en 12 13 14 15 16 Sep.
en 30 31 Aug.	en 17 18 19 20 21 Oct.
en 10 11 Oct.	ru 14 15 16 17 18 Nov.
en 07 08 Nov.	en 05 06 07 08 09 Dec.
en 29 30 Nov.	Courses held in Singapore
en 13 14 Dec.	en 13 14 15 16 17 June

On-Line courses in Chinese on request.

On-Site courses in Chinese in China on request.

On-Site courses in Germany in Italian on request.

[Ziehm Vision \(FD\) Vario 3D](#)

On-Site

en 11 12 Aug.
en 27 28 Oct.

[Software Insights: Advanced Updates](#)

On-Site

en 02 03 May
en 01 02 Aug.
en 14 15 Nov.

Expert

[CAN Troubleshooting](#)

On-Site

en 04 05 May
en 03 04 Aug.
en 16 17 Nov.

[Ziehm NaviPort 3D](#)

On-Site	
en 07 Mar.	Stryker
en 23 May	
en 08 Aug.	
en 24 Oct.	Medtronic
en 08 Mar.	
en 24 May	
en 09 Aug.	Brainlab
en 25 Oct.	
en 09 Mar.	
en 25 May	
en 10 Aug.	
en 26 Oct.	

Prices on request. Practical experience between courses is strongly recommended.

en: Course held in English  
it: Course held in Italian  
ru: Course held in Russian  
VC: Virtual Classroom

\* Prerequisite: Participants shall be familiar with the basic use of mobile C-arms.



## Training in Orlando

Training in our Ziehm Academy in Orlando, USA is classic classroom training, combining theoretical know how with hands-on practice to enable service technicians, biomedical engineers, application and sales specialists to manage all topics and issues related to our mobile C-arms.

### Individual courses on request

Individual US courses for Ziehm NaviPort, Testing and Troubleshooting:  
Please contact our office in Orlando.

All On-Site courses located in United States of America (Orlando/Scottsdale)/by invitation only

## Basis

### TST Legacy

en 10 11 12 13 14 Jan.  
 en 11 12 13 14 15 Apr.  
 en 18 19 20 21 22 July  
 en 10 11 12 13 14 Oct.

### TST Orthoscan TAU

en 17 18 19 20 Jan.  
 en 18 19 20 21 Apr.  
 en 25 26 27 28 July  
 en 17 18 19 20 Oct.

### TST Ziehm Solo I.I./FD

en 31 01 02 03 04 Jan.-Feb.  
 en 02 03 04 05 06 May  
 en 15 16 17 18 19 Aug.  
 en 24 25 26 27 28 Oct.

### HTT Orthoscan

en 07 08 09 10 11 Mar.  
 en 06 07 08 09 10 June  
 en 19 20 21 22 23 Sep.  
 en 05 06 07 08 09 Dec.

### HTT Ziehm Vision Family

en 14 15 16 17 18 Mar.  
 en 13 14 15 16 17 June  
 en 26 27 28 29 30 Sep.  
 en 12 13 14 15 16 Dec.

### Clinical and Sales

en 04 05 06 07 08 Apr.  
 en 11 12 13 14 15 July  
 en 03 04 05 06 07 Oct.

## Advanced\*

### TST Ziehm Vision, R, FD, RFD

en 07 08 09 10 11 Feb.  
 en 09 10 11 12 13 May  
 en 22 23 24 25 26 Aug.  
 en 31 01 02 03 04 Oct.-Nov.

### TST Ziehm Vision RFD Hybrid Edition

en 21 22 23 Feb.  
 en 23 24 25 May  
 en 12 13 14 Sep.  
 en 14 15 16 Nov.

### TST Ziehm Vision RFD 3D

en 24 25 Feb.  
 en 26 27 May  
 en 15 16 Sep.  
 en 17 18 Nov.

Prices on request.  
 Practical experience between courses is strongly recommended.

en: Course held in English

\* Prerequisite: Participants shall be familiar with the basic use of mobile C-arms.

## Your course and registration for On-Line Training

Your course fee includes virtual classroom training, certificate on completion and service stick.

A typical course schedule is 4 hours of training via video link. The number of participants per VC are limited to ensure quality.

Updates and amendments to courses, On-Line and On-Site training can be found at [academy.ziehm.com](http://academy.ziehm.com).

## Your course and registration for On-Site Training

Your course fee includes the following: course notes, any supporting material (if applicable), relevant clinical case studies, certificate on completion, hotel (booked by Ziehm Academy), lunch and refreshments.

A typical course schedule is from 9 am to 5 pm with lunch and refreshment breaks. To ensure you receive the highest quality of delivery, we limit the number of participants per course. As a result, registration and allocation of course places is done on a 'first come, first served' basis. Upon registration you will receive an e-mail acknowledging your registration. A final and binding e-mail confirming attendance, along with course agenda, hotel details, invoice, etc. will follow.

Updates and amendments to courses, On-Line and On-Site training can be found at [academy.ziehm.com](http://academy.ziehm.com).

### Terms and Conditions / Cancellation Policy:

Changes to course bookings must be received in writing (Ziehm Imaging GmbH, Lina-Ammon-Str. 10, 90471 Nuremberg) or by e-mail ([academy@ziehm.com](mailto:academy@ziehm.com)) at least 3 weeks before the scheduled course date. Prior to this date, participants may exchange their course for another course to the same value on a different date. Participants who cancel within less than 3 weeks before the scheduled course date incur the full course fee. Participant substitutions are permitted. Cancellations due to 'exceptional circumstances' are dealt with on a case-by-case basis. Ziehm Imaging GmbH reserves the right to alter the course schedule, dates, location, accommodation and trainer. We accept no responsibility for any direct or incidental costs incurred. The full course fee will be refunded if Ziehm Imaging GmbH cancels a course and is unable to offer an alternative course date.



## Book your training class online

You can sign-up for a training course at [academy.ziehm.com](https://academy.ziehm.com). This portal provides detailed information on all offered training courses, including course descriptions, classroom sessions and eLearnings.

To sign-up for a training course, you need to set up a personalized user account first. Click the 'Login' button in the upper right corner to open the account registration form.

As soon as your account has been confirmed, you can take eLearning modules and sign-up for the classroom sessions you are interested in by using a web form.

Registration for On-Site training closes three weeks before start date.

Registration for On-Line training closes one day before start date.

## Ziehm eLearnings

We have brought our technical and application experts together to create an appealing interactive learning program that allows you to acquire and refresh your knowledge of our products – wherever and whenever.

The eLearning modules have been designed for your self-study and as preparation before attending a classroom training session. This allows us to consolidate theory and invest more time into practical hands-on training on the unit and troubleshooting exercises with real-life examples. With this new training concept, you will be perfectly prepared for day-today work with our innovative C-arms.

Please visit [academy.ziehm.com](https://academy.ziehm.com) to see which eLearning modules need to be taken as preparation for your training session.

Visit Ziehm Academy at [academy.ziehm.com](https://academy.ziehm.com) for a detailed list of our courses. You can also check the exact syllabus of individual courses and find out when and where they are being held. You can register for all our courses online. If you are interested in a customized course, please contact us directly at [academy@ziehm.com](mailto:academy@ziehm.com). We would be delighted to provide you with more information.

Ziehm Academy is the training and educational center of Ziehm Imaging GmbH.

Ziehm Imaging GmbH  
Lina-Ammon-Strasse 10 | 90471 Nuremberg | Germany  
Phone +49 911 660 67 0 | Fax +49 911 660 67 390  
[academy@ziehm.com](mailto:academy@ziehm.com) | [www.ziehm.com](http://www.ziehm.com)