Radiography & Fluoroscopy

Course catalogue
What is GE Clinical

Facts and Figures:

> More than 150 Clinical Education Specialists
> Training in more than 80 countries in Europe, Middle East & Africa
> Around 120 classrooms courses delivered every year
> More than 10,000 customers trained every year
> More than 100 different training courses available
> Access to renowned clinical experts through specific training courses
> Remote education through On-line Training, @AppsLinq*¹ and @Live Expert²

¹ - AppsLinq*: a GE instructor connects to customer’s equipment remotely for live, on-line training & two-way interaction. Technology requirements: 400kb/s minimum to be usable (VPN) for training.
² - @Live Expert: an On-line based training tool created by GE Healthcare. Trainings are a series of videos conducted by renowned medical experts. Staff can access these “Virtual Classrooms” anytime they like through the Internet (English only).
* TIP stands for Training in Partnership.
Dear Customer

The development of skills is an essential element for the effective operation of a medical imaging department, specifically in the Healthcare Sector.

Faced with the rapid technology evolution and constant updates of procedures, health professionals are driven constantly to re-evaluate their training needs.

Today, more than ever, with the constraints of schedules, severe budget restrictions and more focus being given to limit long-distance travel.

We have chosen to develop and promote a range of innovative remote offerings: AppsLinq* and @Live Expert

You will discover, in the following pages, how these new remote innovations compliment our current onsite and classroom training courses giving you the ability to receive a more flexible and efficient learning experience, when the restraints of proximity are removed! You will see it is possible to do amazing things when technology is put at your fingertips.

Our remote training offerings, primarily interactive, along with our existing traditional courses, offer a wide spectrum of opportunities which will develop your expertise and therefore optimize the utilization of your equipment and the service you can provide to your patients.

We want you join us in the company of other professionals; you can share your clinical experiences and develop your own clinical expertise with the support of GE Clinical Education. Do not hesitate to visit us at www.gehealthcare.com/euen/clinical-education/clinical-education.html. Here you will find the description of each course, the calendar of training events and regular updates.

Geoffrey Verspieren
General Manager, Clinical Education EMEA
Course Level

GE Clinical Education offers 3 levels for your continuous education:

- **Basic**
  Is designed primarily for operators and physicians who require initiation into new applications and need to acquire basic skills on their new equipment.

- **Advanced**
  Enables operators and physicians to sharpen their knowledge of the clinical applications.

- **Excellence**
  Mainly concerns radiologists and physicians who wish to develop further their expertise in various fields of clinical applications. It is supported by advanced applications specialists and subject matter experts from the medical world.

Location

- **GE Training Center**
- **Renowned medical site or your location**
- **On-line session**

A Flexible

Course Format

Our team of experts has designed a blended offering that is a combination of training styles. Choose a course that meets your needs and learning style.

- **On-line**
  A variety of continuing education courses on the web (@Live Expert) or directly from your console with a GE instructor on-line AppsLinq*.

- **Classrooms**
  Instruction takes place in classroom where participants work on systems that are identical to those in their own working environment. For large group of users, we offer some of our classrooms training to be delivered at your site (Classroom On-site).

- **Doctor to Doctor**
  Instruction is conducted in a classroom environment by a subject matter expert in the medical field.

- **Immersion**
  A concept where one client visits another to follow and learn from their experience as a healthcare professional.

- **On-site**
  Instruction takes place at the site of the client to educate the participants in their environment.

- **Series**
  Instruction that combines two or more of the above Format for the purpose of excellence (Master Series).
Offering

One School, 20 locations

Training Centres
GE Clinical Education has Education Centres and Mobile Training Centres that allow us to provide training in more than 20 countries in Europe, Middle-East and Africa.

Language
Our portfolio of clinical education can be offered in English, French, Spanish, German, Italian and in many cases in other European languages as well. Contact your regional coordinator for information.

Accreditation
GE Clinical Education is working closely with government across Europe to meet local requirement for accreditation. For more information on this please contact your local GE Clinical Education coordinator.
Course list

On-Line Courses

8  AppsLinq*
9  @Live Expert
10  TiP-Ed Online
Radiography & Fluoroscopy

14  @Live Expert
15  Introduction to Digital Technology
16  VolumeRAD Workshop
17  Digital Technology in Radiography
18  Digital Radiography Training “à la carte”
Digital X-Ray takes a giant leap forward with the revolutionary FlashPad wireless, digital X-ray detector. Its innovative design provides up to 8% more coverage for key applications and enables high image quality at low dose levels for both routine and specialized studies. With two handles, FlashPad is easy to position and maneuver, and its ultra-wideband technology helps make image transfer fast, secure, and reliable.
On-Line Courses

8  AppsLinq*
9  @Live Expert
10 TiP-Ed Online
AppsLinq*

Introducing new AppsLinq* from GE Healthcare Clinical Education.

AppsLinq* is a new training format which provides a two-way interactive live remote training session with convenience and cost-saving of distance learning.

AppsLinq* applications training is powered by a secure, high-speed broadband link, allowing the TIP Application Trainer to connect directly to your imaging consoles.

In this concept, the trainer and the trainee see and share the same screen together.

The trainee can observe the Application Trainer live as he demonstrates complex procedures directly on the screen and then the trainee can practice the steps and the Application Trainer can observe and correct the workflow if needed.

Connected with a Clinical Education Specialist, you will:

- Enhance image quality
- Optimize system performance
- Improve productivity
- Reduce retakes

But also:

- Increase training efficiency with step-by-step demonstration & practice
- Differentiate your staff training program with a dedicated clinical session
- Immediately apply newly-learned skills

AppsLinq* is a redefined application training tool using the latest technologies for a live and customized clinical education.
Introducing the new @Live Expert from GE Healthcare Clinical Education.

@Live Expert is a new e-offering that adds to the full range of GE continuous education courses. It is designed as a “green offering” for clients, who want to further improve their clinical imaging expertise and save time and money.

@Live Expert offers 1 hour of clinical or technical lectures in direct live through secured web connection. You will take the benefit of interactive session and gain maximum confidence in a specific topic.

With the new GE @Live Expert, you will learn at your preferred place the topics that you are interested in.

GE @Live Expert will provide:
- Learn from renowned clinical experts
- Share expertise
- Build your networking
- Get maximum knowledge in minimum time
- Rapidly get Self-Paced Content

@Live Expert is the perfect tool to help you to get the best out of your GE equipment and ensure that you will stay available in your department for your management.
On-Line Courses

TiP-Ed

TiP-Ed Online℠ for Healthcare Computed Tomography, Leadership, Magnetic Resonance Ultrasound and X-Ray

Online Programs you can view...
at work - at home - anywhere - any time!
TiP-TV is now TiP-Ed Online!
Use this page as a quick access guide to the TiP-Ed Online courses available in the Healthcare Learning System - Go to: hls.gehealthcare.com

▼ New Student Registration
> Click on New User
Fill in the required information.
You will need your Registration Code in the form of 97- _____________.

▼ Launch Content
From the Learning Plan
> Click Go To Content.
> Click View Presentation
> Click Feedback Form –
NOTE: Disable your POP-UP BLOCKER
To temporarily disable the pop-up blocker, hold down the control key and click the feedback form.
> Click Presentation Post Test –
Once you have completed the Feedback Form the Post Test will be available.

▼ Print Certificate
From the Welcome Screen
> Click Learning History.
The Learning History shows a summary list of the programs you have completed and the dates the programs were completed.

▼ Search the Catalog
From the Welcome Screen
> Click Catalog.
> Click Subject Area. Select program
> Click Add to Learning Plan.

▼ Contact Us
geeducation@ge.com
(877) 438-4788
9am - 6pm Eastern, Monday - Friday
Experience the full promise of digital X-ray with no clinical limitations holding you back. The Definium 6000 from GE Healthcare expands patient care by supporting four configurations in just one room. The detachable detector performs scans that are out of reach for a fixed detector—with the reliability of a hard-wired connection. Easier positioning and a single-platform system allow you to speed up workflow and get patients in and out faster. Go ahead. What are you waiting for?

X-ray Re-imagined.

Get the whole story in digital X-ray at www.gehealthcare.com/definium6000.html
Radiography & Fluoroscopy

14  @Live Expert
15  Introduction to Digital Technology
16  VolumeRAD Workshop
17  Digital Technology in Radiography
18  Digital Radiography Training “à la carte”
@Live Expert provides a direct live connection between you and a medical expert via a secured web connection. Once you login the medical expert is visible on your computer and will begin to walk you through real medical cases, answer questions, and interact in live discussions. @Live Expert offers both clinical and technical lectures and assists you in improving your clinical imaging expertise. This course is an "a la carte" program. Please select topics from the list below.

### Duration
1 hour per session

### Target attendees
Radiographers, Technologists, Physicists

### Prerequisite
Mammography and Radiology knowledge

### Course description
**@Live Expert - Digital Radiography**
- Advanced applications (Volume RAD, Dual Energy)
- Digital Technology

### Upon completion, participant should be able to
Depend on the topic selected

### Course Leader
Renowned Medical Experts

### Certification
GE Healthcare Education Certificate

### Language
Local Language when available or English

### Notes
Your personal computer should be broadband connected.

Contact your Regional Coordinator for more details. (See last page for contact details or go on-line at www.gehealthcare.com and click on Clinical Education).
Introduction to Digital Technology

Executive overview: Physics and Quality Assurance aspects of GE Definium/Discovery Systems

Duration: Topic dependant (1 day minimum)

Target attendees: Physicists, biomedical engineers

Prerequisite: None

Course description:
- Detector technology
- Image Acquisition / exposure control
- Image processing
- System dose reporting
- Quality assurance, measurement and interpretation
- Advanced applications, physical aspects

Upon completion, the participant should be able to:
Get an overview over the physical aspects of the GE radiography digital systems, quality assurance, and advanced applications

Course leader: GE Clinical Education Leader

Certification: GE Healthcare Education Certificate

Language: Local Languages if available or English

Number of participants: Maximum 15

Contact your Regional Coordinator for more details. (See last page for contact details or go on-line at www.gehealthcare.com and click on Clinical Education)

GE Reference Number A10011RF (1 day)
## VolumeRAD Workshop

<table>
<thead>
<tr>
<th>Executive overview</th>
<th>Volume Rad Benefits in Digital Radiology</th>
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<tbody>
<tr>
<td>Duration</td>
<td>1 day</td>
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<tr>
<td>Target attendees</td>
<td>Radiologists</td>
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<tr>
<td>Prerequisite</td>
<td>X-Ray basics</td>
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</tbody>
</table>

### Course description
- Volume Rad Theory including dose management
- Volume Rad use on a daily routine (What? When?)
- Case Study Review

### Upon completion, the participant should be able to
- Gain confidence in viewing and reporting VolumeRAD images
- Appreciate the benefits of Volume RAD compared with other Modalities (ie Dose Reduction)
- Promote VolumeRAD Benefits in his/her practice

<table>
<thead>
<tr>
<th>Course leader</th>
<th>Renowned Medical Expert</th>
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<tbody>
<tr>
<td>Certification</td>
<td>GE Healthcare Education Certificate</td>
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<tr>
<td>Language</td>
<td>Local Languages when available or English</td>
</tr>
<tr>
<td>Number of participants</td>
<td>Maximum 2</td>
</tr>
</tbody>
</table>

Contact your Regional Coordinator for more details. (See last page for contact details or go on-line at www.gehealthcare.com and click on Clinical Education).

GE Reference Number

A30051RF
Digital Technology in Radiography

Executive overview
Introduction to Digital RAD Procedures in an expert clinical environment

Duration
1-4 days

Target attendees
Radiographers

Prerequisite
X-ray basics. Patient positioning basics

Course description
First hand introduction to digital X-ray and flat panel technology

Upon completion, participant should be able to
• Understand main differences in procedures when using a digital vs an analog system
• Understand the workflow challenges he/she will face introducing digital technology

Course leader
Radiographer Expert

Certification
GE Healthcare Education Certificate

Language
Local Languages when available or English

Number of participants
Maximum: 2

Contact your Regional Coordinator for more details. (See last page for contact details or go on-line at www.gehealthcare.com and click on Clinical Education).
# Digital Radiography Training "à la carte"

## Executive overview
This course is an "à la carte" program. From the list below, please select the course and duration.

## Duration
Topic dependant (1 day minimum)

## Target attendees
Radiographers, Radiologists

## Prerequisite
First Time Digital users should have knowledge of Patient Positioning basics

## Course description
Topic dependant

<table>
<thead>
<tr>
<th>Basic courses</th>
<th>Specific topics</th>
<th>Advanced techniques</th>
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<tr>
<td>X-ray basics</td>
<td>Digital acquisition basics</td>
<td>Patient positioning review</td>
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<tr>
<td>Patient positioning basics</td>
<td>Copy reading WS basics</td>
<td>Quality control &amp; IQ appraisal</td>
</tr>
<tr>
<td>□ 4 days</td>
<td>□ 1 day</td>
<td>□ 2 days</td>
</tr>
<tr>
<td></td>
<td>□ 2 days</td>
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</tr>
</tbody>
</table>

### Basic courses
- X-ray basics: □ 4 days
- Patient positioning basics: □ 4 days

### Specific topics
- Digital acquisition basics: □ 1 day
- Copy reading WS basics: □ 2 days
- Advanced use of workstation: □ 2 days

### Advanced techniques
- Patient positioning review: □ 2 days
- Quality control & IQ appraisal: □ 2 days

## Upon completion, participant will be able to
Depends on the topic selected

## Course leader
GE Clinical Education Specialist

## Certification
GE Healthcare Education Certificate

## Language
Local Languages when available or English

## Number of participants
Maximum: 4

Contact your Regional Coordinator for more details. (See last page for contact details or go on-line at www.gehealthcare.com and click on Clinical Education).

### GE Reference Number
- **A20011RF** (1 day)
- **A20021RF** (2 days)
- **A20041RF** (4 days)
Looking for more information?

Site web: www.gehealthcare.com/clinicaleducation

France
Annick Yvenat
Tel: +33 (0)1 30 70 90 60
E-Mail: annick.yvenat@med.ge.com

UK & Ireland
Anne Pereira
Tel: +44 (0)1753 874363
E-Mail: anne.pereira@med.ge.com

Germany, Austria, Belgium, Netherlands and Switzerland
Stefan Loehr
Tel: +49 173 7347775
E-Mail: Stefan.loehr@ge.com

Italy, Malta and Israel
Cristina Malaspina
Tel: +39 06 72640634
E-Mail: cristina.malaspina@ge.com

Spain and Portugal
Bras Barros
Tel: +34 91.663.25.09
E-Mail: bras.barrigos@ge.com

Nordics Countries
Linda Tapper
Tel: +46-(0)8-559 501 73
E-Mail: linda.tapper@ge.com

Russia and CIS
Yulia Kozlova
Tel: +7 985 1927586
E-Mail: yulia.kozlova@ge.com

Middle East
Karina Delel Hatem
Tel: +971 44 296234
E-Mail: KarinaDelel.Hatem@ge.com

Turkey
Ipek Mert
Tel: +90 312 289 77 55
E-Mail: ipek.mert@ge.com

Africa
Hebatallah Ahmed
Tel: +202 24 132297
E-Mail: Hebatallahahmed@ge.com

About GE Healthcare

GE Healthcare provides transformational medical technologies and services that are shaping a new age of patient care. Our broad expertise in medical imaging and information technologies, medical diagnostics, patient monitoring systems, drug discovery, biopharmaceutical manufacturing technologies, performance improvement and performance solutions services help our customers to deliver better care to more people around the world at a lower cost. In addition, we partner with healthcare leaders, striving to leverage the global policy change necessary to implement a successful shift to sustainable healthcare systems.

Our “healthymagination” vision for the future invites the world to join us on our journey as we continuously develop innovations focused on reducing costs, increasing access and improving quality around the world. Headquartered in the United Kingdom, GE Healthcare is a unit of General Electric Company (NYSE: GE). Worldwide, GE Healthcare employees are committed to serving healthcare professionals and their patients in more than 100 countries. For more information about GE Healthcare, visit our website at www.gehealthcare.com.

GE Healthcare
Chalfont St.Giles,
Buckinghamshire,
UK

GE imagination at work

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