GE Healthcare Institute

Improving healthcare outcomes through lifecycle training
Lead with knowledge
GE Healthcare Institute – An Introduction

A simple, yet powerful idea: continuously train healthcare professionals to continuously improve public health.

GE Healthcare Institute (GEHCI) was founded on the basis of this precise idea. GEHCI is a diverse team of global leaders from various spheres in the healthcare industry. We have a proven track record of delivering high quality training by employing global best practices. Having led innovation in this industry on several fronts, GE Healthcare knows what it takes to advance the quality of healthcare delivery. Undoubtedly, empowering the caregivers with the best and the latest goes a long way in achieving results. GEHCI is uniquely poised to partner governments and large healthcare organizations to improve the results of their healthcare initiatives.

Our Vision: To improve healthcare “from within” via innovative learning resources that deliver outcomes for governments & healthcare organizations that are dedicated to patient care

Our Mission: To build an unrivaled long-term partnership with governments & healthcare organizations to help drive staff productivity, excellence and measurable outcomes through optimization of workforce and clinical asset performance
Our team will work with you to ascertain your specific training needs. All training needs will be mapped against the healthcare professional’s growth/career lifecycle, which is depicted here. This approach results in a comprehensive training program to upgrade skills of healthcare professionals.

We work with you to develop solutions for your organization’s training needs:

1. Client needs assessment
2. Pre-assessment led by GE
3. Defining offerings
4. Training delivery
5. Reporting

A Unique Solution:
We combine industry best practices of training delivery with our unique pedagogy to deliver quality programs that raise the skill levels of the trainees and achieve par-excellence results for your organization.

Classroom training @ GEHCI
- Training conducted at site
- Both theory & hands-on (workstations) sessions

Online training
- Remote training through e-learning modules
- Learn at your pace, assessments to monitor progress

Immersion training
- Learn from experts
- Learn new techniques & best practices

Onsite tech
- Apps training
- Biomedical learning
Lifecyle Education across Care Area Offerings:
Healthcare Professionals (HCP) go through several stages of skill-development, duties and experience – therefore, every training program should be specific to the HCPs’ current knowledge, skillset and position in the organization. A comprehensive view of HCPs’ training needs, vis-à-vis important care areas, helps organizations improve efficiency, build trust and deliver enhanced quality healthcare. Ad-hoc, staggered training fails to extract synergies of a long-term training plan. Therefore, GEHCI has categorized its lifecycle education offerings across the most important care areas, relevant to patients.

The care areas identified are those that attract high volumes of patient flow, with significant variation in complexities. A range of professionals with a variety of skills are required to run the whole department smoothly. GEHCI will own training needs of the entire range of stakeholders in each care area and train depending on skill-level, nature of duties, budget & time constraints amongst others.

<table>
<thead>
<tr>
<th>Our offerings</th>
<th>Stakeholders</th>
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<tbody>
<tr>
<td>Radiology</td>
<td>Front office</td>
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<td>Cardiology</td>
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<td>Oncology</td>
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<td>Mother &amp; child care</td>
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<td>Critical care</td>
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A sample representation of changing course needs based on position in the system. The actual courses will be selected based on the pre-assessment and skill gap assessment.
GEHCI’s trainings in the Radiology care area include Nuclear Medicine, CT & MRI, Post Processing techniques, among others that significantly upgrade the skills of participants.

### Clinical

#### Interventional Radiology (Eg. Cath Labs)
- Advanced intervention in Stroke

#### Neuroradiology (Brain + Spine)
- Specialized MRI training (Neuro)
- Proficient in diagnostic neuro radiology
- Basics in diagnostic neuro radiology
- Advanced diagnostic neuro radiology

#### Thoracic Imaging
- Advanced training in Cross Sectional Cardio-thoracic imaging
- Hands on CT- Angiography training
- Comprehensive cardiovascular and pulmonary imaging
- Specialized MRI Training (Body)

#### Muskuloskeletal Imaging
- Specialized MRI Training (MSK)
- Proficient in diagnostic MSK radiology
- Basics in diagnostic MSK radiology
- Advanced diagnostic MSK radiology

#### Nuclear Medicine
- Advanced PET CT and Nuclear Medicine

### Technologists and Support staff

#### X-ray Technician
- Advanced X-ray
- Advanced X-ray (DXA & Mammo)

#### CT Technician
- CT Focus
- CT post processing

#### MRI Technician
- MRI Focus
- MRI post processing
GEHCF's Oncology programs focus on equipping caregivers to provide the best possible treatment to patients. The suite of trainings includes not only clinical and technical areas, but also the crucial palliative care. This enables clinicians to provide excellent patient care.

**Clinical**

**Oncologists**
- Immersion training programs which allow experienced healthcare professionals to work along with recognized medical experts and learn from them & share best practices in the field.

**Radiologists (Oncoradiology)**
- Genito-urinary cancers
- Female pelvis cancers, head & neck
- Gastro, pancreas & liver cancers
- Lung and mediastinal cancer diagnostics

**Technologists and Support staff**

**Nurse**
- Introduction To oncology nursing
- Oncology clinical experience
- Health assessment
- Communications & Psychosocial Issues
- Major Malignancies I & II
- Symptom Control and Management

**CT Technician**
- CT Focus
- Volume CT immersion for radiographers
- CT post processing

**MRI Technician**
- MRI Focus
- Immersion program for MRI radiographers
- MRI post processing

**Biomedical Engineers**
- L1 Biomedical training in MRI
- L1 Biomedical training in CT
- L1 Biomedical training in surgery
- L1 Biomedical training in ultrasound

**Patient Management & Palliative Care**
- Introduction to Palliative care
- Personal qualities & behaviors
- Principles of Pain and Symptom management
- Communication - Patient & Family
- Psychosocial care
- Ethics & Legal frameworks in Palliative Care
Cardiology

Cardiology has seen some super-fast growth in terms of techniques and procedures. With such a pace of advance, it becomes critical for Healthcare Professionals to be on top of their game.

Clinical

**Primary/Diagnostic**
- Basic/Advanced ECG (Physicians)
- Basic ECHO, TMT, CASE

**Invasive and Non Invasive**
- Advanced ECHO
- Cathlab course
- Hands on TEE probe

Technologists and Support staff

**Cardiac care technician**
- Knowing cardiac diseases
- Specialized training for Cathlab technicians

**Nurse**
- Basics of cardiac care

Critical Care

Life and death situations are seen most often in Critical Care departments. Trainings for Critical Care professionals are focused heavily on advanced technologies, modern procedures and up-to-date developments. The Critical Care training suite is developed for clinicians, technologists, nurses and all other associated caregivers.

Clinical

**CCU (Coronary Care Unit) and SICU (Surgical ICU)**
- Cardiac output monitoring in OT
- Protective ventilation & Spirometry
- Ultrasound of OT
- Adequacy of Anesthesia & management of Atelectasis

**PICU (Paediatric ICU) and NICU (Neonatal ICU)**
- Basics in Neonatal Ventilation
- Advanced Neonatal Ventilation including nitric oxide therapy

Technologists and Support staff

**Nurse**
- Adult Basics of Hemodynamic Monitoring
- Multisystem Failure and Shock management
Mother and Child care

GEHCI offers important trainings targeted at HCPs who specialize in Mother & Infant Care. Given the demographics and fertility rates in emerging countries, Mother & Infant Care is an extremely important area. The trainings aim to enable caregivers in developing and delivering high-quality care without compromise.

Clinical

**Ob/Gyn**
- Gynecology ultrasound
- Obstetric ultrasound
- Gestational Diabetes mellitus
- Fetal growth restriction disorders

**NICU**
- Excellence in new born care for neonatologists

Technologists and Support staff

**Ultrasound**
- Ultrasound assistant course

**NICU nurse training**
- Advanced Newborn Care Training
- Excellence in New Born Care

Leadership and Management

GEHCI’s leadership courses are designed to help participants develop and enhance skills needed to effectively lead teams and drive transformation. These are case study based programs which enables the leaders to analyze real world scenarios and methods to help solve and streamline issues.

**For Frontliners**
- Excellence in patient realtion
- Patient counselling skills

**For Middle Management**
- Finance for non-finance professionals
- Lean six sigma healthcare

**For CXOs**
- Change Acceleration Program (CAP) - A GE Crotonville certified course
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• Chennai, Tamil Nadu
• Manipal, Karnataka
• Bathinda, Punjab
• Chandigarh, Punjab
• Ranchi, Jharkhand

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