INTERNATIONAL EDUCATION & TRAINING CATALOGUE
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According to a 2015 World Health Organization estimate, the world needs more than 7 million additional skilled healthcare professionals, especially given the acute shortages in Latin America, Southeast Asia and Africa. To fill this large gap in qualified healthcare professionals, VAMED began offering education and training programs in 2014 in international target markets. Since then, we have carried out such programs in China, Gabon, Haiti, Kenya, Malaysia, Mongolia, the United Arab Emirates and the United Kingdom. VAMED’s strength in this field lies in its expertise and hands-on experience of over 30 years, covering the entire life-cycle of healthcare facilities, as well as its international partner network, which is the source for the programs’ trainers and lecturers. Comprised of top academics, practitioners and executives in all healthcare fields, this network ensures that the knowledge and skills each program participant gains enables them to deliver high-quality health services and thus saves lives.

Our programs aim to strengthen the know-how of healthcare professionals at all levels, from basic to management, and for all professional groups: doctors, nurses and physiotherapists, as well as managers, technicians and other non-clinical staff. The programs we offer also aim to address the need for qualified personnel, especially those with specialized expertise, such as in rehabilitation, medical imaging and diagnostics, maternal
and neonatal care or in hospital management, just to name a few. Most programs are comprised of short courses that take place over a few days to several weeks, taught by VAMED experts and experts from the VAMED international partner network. To determine the current and long-term needs of each client, and thus which programs are needed, an on-the-ground assessment is carried out, allowing us to offer an optimum education and training package.

One of VAMED’s new initiatives is the establishment of training centers to train a country’s healthcare workforce in the areas where know-how is lacking. Through close cooperation with local stakeholders and a local university, a training center aims to provide a sustainable training framework to ensure a continuous supply of qualified healthcare professionals for the country’s healthcare sector.

Other initiatives that we have begun are highly practice-oriented programs in the form of observerships and mentoring. Observerships, taking place at a VAMED facility or at one of the hospitals/clinics of the VAMED international partner network, are programs that allow healthcare professionals to observe the most up-to-date procedures and learn specific skills. Mentoring programs feature experts from VAMED or one of the hospitals and clinics of its international partner network who observe healthcare professionals in their daily work and offer feedback to improve their knowledge and skills.
MANAGEMENT COURSES

COURSE IN HOSPITAL MANAGEMENT
COURSE IN HEALTHCARE QUALITY MANAGEMENT
COURSE IN NURSING MANAGEMENT
COURSE IN FEMS/BEMS MANAGEMENT
COURSE IN HOSPITAL MANAGEMENT

Taught by VAMED hospital managers or experts from a VAMED partner, this course offers participants practice-oriented training in hospital management. Upon completing this course, they will have more knowhow to successfully manage a hospital according to top international standards.

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PRODUCT CODE | CHM
TARGET GROUP/S | MANAGERS OF HEALTHCARE FACILITIES, HEAD PHYSICIANS AND HEAD NURSES
SIZE OF CLASS | MAXIMUM 25 PERSONS
CREDITS | NONE
DURATION | 2 WEEKS (10 DAYS TOTAL)
CLASS SCHEDULE | 5 DAYS PER WEEK, 8 HOURS PER DAY
HOURS OF ATTENDANCE | 80
LANGUAGES | ENGLISH
MODE | FACE-TO-FACE
DEGREE/AWARD | CERTIFICATE OF PARTICIPATION FROM VAMED OR VAMED PARTNER
### COURSE IN HEALTHCARE QUALITY MANAGEMENT

This program equips management personnel with a solid foundation of quality management in healthcare. Specifically, participants gain an understanding of quality management systems, concepts and accreditations, as well as the tools and techniques required to apply quality management to their organization.

**PRODUCT CODE**: CHQM

**TARGET GROUP/S**: MANAGEMENT PERSONNEL

**COHORT SIZE**: MAXIMUM 10 PERSONS

**DURATION**: 1 WEEK (5 CLASS DAYS TOTAL)

**CLASS SCHEDULE**: 5 DAYS PER WEEK, 8 HOURS PER DAY

**HOURS OF ATTENDANCE**: 40

**LANGUAGES**: ENGLISH, SPANISH, PORTUGUESE

**MODE**: FACE-TO-FACE

**DEGREE/AWARD**: CERTIFICATE OF PARTICIPATION FROM VAMED PARTNER

### MODULES

- **MODULE 1**: Quality Management Framework and Management Systems
- **MODULE 2**: Quality Management Tools and Methods
- **MODULE 3**: Process Management and Continuous Improvement Processes
- **MODULE 4**: Introduction to Project Management
- **MODULE 5**: Communication, Structured Documentation and Team Building
- **MODULE 6**: Information Technology
This course offers nurses an overview of how to manage a team or department of nurses, using both theoretical principles and practical techniques to improve care quality, personnel training and work systems, as well as to optimize human and material resources.

COURSE IN
NURSING MANAGEMENT

MODULE 1  Communication and Team Building
MODULE 2  Human Resources and Leadership
MODULE 3  Finance and Accounting Basics
MODULE 4  Legal and Bioethical Issues in Nursing Management
MODULE 5  Advanced Nursing Practices
MODULE 6  Best Practices
MODULE 7  Strategic Planning and Process Management
MODULE 8  Quality Management and Clinical Safety

PRODUCT CODE | CNM
TARGET GROUP/S | HEAD AND WARD NURSES
SIZE OF CLASS | MAXIMUM 25 PERSONS
CREDITS | NONE
DURATION | 4 WEEKS (20 DAYS TOTAL)
CLASS SCHEDULE | 5 DAYS PER WEEK, 8 HOURS PER DAY
160
HOURS OF ATTENDANCE | ENGLISH
LANGUAGES | FACE-TO-FACE
MODE | CERTIFICATE OF PARTICIPATION
DEGREE/AWARD | FROM VAMED PARTNER
Taught by VAMED FEMS/BEMS experts, this program provides participants with a hands-on learning experience in facility engineering maintenance services (FEMS) and biomedical engineering maintenance services (BEMS). After completing this program, participants will have the know-how needed to effectively manage the maintenance services of a hospital according to top international standards.

### COURSE IN FEMS/BEMS MANAGEMENT

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### PRODUCT CODE | CEFBM
### TARGET GROUP/S | CURRENT AND FUTURE FACILITY MANAGERS, MEDICAL TECHNOLOGY MANAGERS, HOSPITAL ENGINEERS
### SIZE OF CLASS | MAXIMUM 25 PERSONS
### CREDITS | NONE
### DURATION | 6 MONTHS (30 DAYS TOTAL)
### CLASS SCHEDULE | 5 DAYS PER MONTH, 8 HOURS PER DAY
### HOURS OF ATTENDANCE | 240
### LANGUAGES | ENGLISH, FRENCH
### MODE | FACE-TO-FACE
### DEGREE/AWARD | CERTIFICATE OF PARTICIPATION FROM VAMED
SPECIALIZED COURSES

COURSE IN ADULT ONCOLOGY I+II // COURSE IN ANESTHESIA & INTENSIVE CARE // COURSE IN COMMUNICABLE DISEASES // COURSE IN CRITICAL CARE // COURSE IN ELDERLY/LONG-TERM/PALLIATIVE CARE FOR DOCTORS // COURSE IN ELDERLY/LONG-TERM/PALLIATIVE CARE FOR NURSES // COURSE IN EMERGENCY CARE // COURSE IN GYNECOLOGY/OBSTETRICS // COURSE IN ICF // COURSE IN INTENSIVE CARE // COURSE IN LABORATORY // COURSE IN MATERNAL, ANTENATAL & NEONATAL CARE // COURSE IN MEDICAL IMAGING & DIAGNOSTICS FOR DOCTORS // COURSE IN MEDICAL IMAGING FOR RADIOLOGICAL TECHNICIANS // COURSE IN NON-COMMUNICABLE DISEASES // COURSE IN ONCOLOGICAL NURSING I+II // COURSE IN OPERATING ROOM MANAGEMENT // COURSE IN PEDIATRIC NURSING // COURSE IN PEDIATRIC ONCOLOGY I+II // COURSE IN PRE-HOSPITAL EMERGENCY CARE // COURSE IN REHABILITATION BASICS // COURSE: TRAIN-THE-TRAINER // COURSE IN BIOMEDICAL ENGINEERING // COURSE IN E-HEALTH // COURSE IN FEMS/BEMS I+II // COURSE IN HOSPITAL LOGISTICS I+II
This course provides doctors with an understanding of the molecular basis of cancer and how this affects a patient’s treatment and prognosis. They will also learn about various forms of tumors, how they grow and how they interact with the body. Upon completion of this course, they will be able to describe the response of biological systems following exposure to ionizing radiation and to carry out radiotherapy. They will also be familiar with the protocols and approaches used in the treatment of cancer.

**PRODUCT CODE | CAOI**

**TARGET GROUP/S | DOCTORS WHO ARE GENERAL PRACTITIONERS OR FAMILY MEDICINE SPECIALISTS**

**COHORT SIZE | MAXIMUM 20 PERSONS**

**DURATION | 1 WEEK**

**CLASS SCHEDULE | 5 DAYS PER WEEK, 8 HOURS PER DAY**

**HOURS OF ATTENDANCE | 40**

**LANGUAGES | ENGLISH, SPANISH, PORTUGUESE**

**MODE | FACE-TO-FACE**

**DEGREE/AWARD | CERTIFICATE OF PARTICIPATION FROM VAMED PARTNER**
COURSE IN
ADULT ONCOLOGY II

Under the guidance of an experienced oncologist from one of VAMED’s partner hospitals, doctors will learn how to treat four of the most common forms of cancer: breast, lung, intestinal and prostate cancer. The course ends with a practice-oriented component featuring case studies.

| MODULE 1 | Treatment of Breast Cancer |
| MODULE 2 | Treatment of Lung Cancer |
| MODULE 3 | Treatment of Intestinal Cancer |
| MODULE 4 | Treatment of Prostate Cancer |
| MODULE 5 | Case Studies |

PRODUCT CODE | CAOII
TARGET GROUP/S | DOCTORS WHO ARE SPECIALISTS IN ONCOLOGY
COHORT SIZE | MAXIMUM 20 PERSONS
DURATION | 1 WEEK (4 CLASS DAYS TOTAL)
CLASS SCHEDULE | 8 HOURS PER DAY
HOURS OF ATTENDANCE | 32
LANGUAGES | ENGLISH, SPANISH, PORTUGUESE
MODE | FACE-TO-FACE
DEGREE/AWARD: CERTIFICATE OF PARTICIPATION FROM VAMED PARTNER
COURSE IN ANESTHESIA & INTENSIVE CARE

Doctors will gain a comprehensive overview of the principles, procedures and techniques for anesthesia and intensive care. This course can be taken in its entirety over 2 weeks or can be taken as two separate 1-week courses, one that focuses on anesthesia and one that focuses on intensive care.

COURSE IN ANESTHESIA (1 WEEK)

MODULE 1  Basic Principles of Drug Action; Pharmacology of Drugs Used
MODULE 2  Techniques of General and Regional Anesthesia
MODULE 3  Complications of Anesthesia
MODULE 4  Obstetric Anesthesia and Analgesia; Special Requirements of Anesthesia for Other Surgical Groups, e.g. Pediatrics
MODULE 5  Postoperative Care of the Patient

COURSE IN INTENSIVE CARE (1 WEEK)

MODULE 1  Introduction to Clinical Epidemiology
MODULE 2  Basics in Pathology and Pharmacology
MODULE 3  Pain Treatment and Management
MODULE 4  Clinical Communication and Decision-Making

PRODUCT CODE | CAIC
TARGET GROUP/S | DOCTORS
COHORT SIZE | MAXIMUM 20 PERSONS
DURATION | 2 WEEKS (10 CLASS DAYS TOTAL)
CLASS SCHEDULE | 5 DAYS PER WEEK, 8 HOURS PER DAY
HOURS OF ATTENDANCE | 80
LANGUAGES | ENGLISH, SPANISH, PORTUGUESE
MODE | FACE-TO-FACE
DEGREE/AWARD | CERTIFICATE OF PARTICIPATION FROM VAMED PARTNER
Many countries are dealing with the emergence of new communicable diseases, such as Zika, as well as the continued prevalence of “old” diseases, such as tuberculosis. This course is ideal for doctors or nurses in these countries who would like to learn more about these diseases and how to treat them. Participants can optimize their learning experience by selecting the 4 diseases out of the list below they want to study.

| MODULE 1 | HIV/AIDS          |
| MODULE 2 | Malaria           |
| MODULE 3 | Tuberculosis      |
| MODULE 4 | Dengue Fever      |
| MODULE 5 | Respiratory Diseases |
| MODULE 6 | Influenza         |
| MODULE 7 | Diarrheal Diseases |
| MODULE 8 | Zika              |

**PRODUCT CODE**: CCD  
**TARGET GROUP(S)**: DOCTORS AND NURSES  
**COHORT SIZE**: MAXIMUM 20 PERSONS  
**DURATION**: 1 WEEK (4 CLASS DAYS TOTAL)  
**CLASS SCHEDULE**: 8 HOURS PER DAY  
**HOURS OF ATTENDANCE**: 32  
**LANGUAGES**: ENGLISH, SPANISH, PORTUGUESE  
**MODE**: FACE-TO-FACE  
**DEGREE/AWARD**: CERTIFICATE OF PARTICIPATION FROM VAMED PARTNER
According to the World Health Organization, many developing countries face a shortage in qualified healthcare staff for patients in critical care units. Critically ill patients often receive care from unsupervised health personnel with little or no relevant training. To address this challenge, VAMED is offering this course in critical care to give healthcare professionals the expertise to be able to assess, treat and monitor patients needing critical care according to international standards.

COURSE IN CRITICAL CARE

**MODULE 1**
Assessment and Management of Shock; Basic Trauma and Burn Support

**MODULE 2**
Airway and Ventilator Management/Dealing with Respiratory Failure

**MODULE 3**
Arterial Blood Gases Analysis, Acid-Base Status

**MODULE 4**
Assessment, Treatment and Monitoring of Cardiac Patients

**MODULE 5**
Dealing with Patients with Neurological Disorders

**MODULE 6**
Hemodynamic Monitoring

**MODULE 7**
Assessment and Treatment of Endocrine and Metabolic Disorders/Emergencies

**MODULE 8**
Critical Care for Special Groups: Infants, Children and Pregnant Women

**MODULE 9**
Pain Management and Sedation

**MODULE 10**
Ethics, Communication with Families of Patients, End-of-Life Care

**PRODUCT CODE** | CCC
**TARGET GROUP/S** | DOCTORS AND NURSES
**COHORT SIZE** | MAXIMUM 20 PERSONS
**DURATION** | 2 WEEKS (10 CLASS DAYS TOTAL)
**CLASS SCHEDULE** | 8 HOURS PER DAY
**HOURS OF ATTENDANCE** | 80
**LANGUAGES** | ENGLISH, SPANISH, PORTUGUESE
**MODE** | FACE-TO-FACE
**DEGREE/AWARD** | CERTIFICATE OF PARTICIPATION FROM VAMED PARTNER
COURSE IN **ELDERLY/LONG-TERM/PALLIATIVE CARE FOR DOCTORS**

| MODULE 1 | Common Ailments of the Elderly |
| MODULE 2 | Dementia Care and Mental Health |
| MODULE 3 | Nutrition, Hydration and Malnutrition Assessment |
| MODULE 4 | Palliative Care |
| MODULE 5 | Communication with Patients, Family and Other Healthcare Professionals |

Taught by an expert in elderly care, this course gives doctors the expertise they need to effectively treat and care for the elderly.

**PRODUCT CODE** | CELPCD
**TARGET GROUP/S** | DOCTORS
**COHORT SIZE** | MAXIMUM 20 PERSONS
**DURATION** | 1 WEEK (5 CLASS DAYS TOTAL)
**CLASS SCHEDULE** | 5 DAYS PER WEEK, 8 HOURS PER DAY
**HOURS OF ATTENDANCE** | 40
**LANGUAGES** | ENGLISH, SPANISH, PORTUGUESE
**MODE** | FACE-TO-FACE
**DEGREE/AWARD** | CERTIFICATE OF PARTICIPATION FROM VAMED PARTNER
Taught by a nurse who is a specialist in elderly care, this course gives nurses the expertise they need to effectively treat and care for the elderly.

COURSE IN **ELDERLY/Long-Term/Palliative Care** FOR NURSES

- **MODULE 1**  Common Ailments of the Elderly
- **MODULE 2**  Dementia Care and Mental Health
- **MODULE 3**  Care and Activity Planning
- **MODULE 4**  Nutrition, Hydration and Malnutrition Assessment
- **MODULE 5**  Palliative Care
- **MODULE 6**  Emergency First Aid and Dealing with Accidents (Falls)
- **MODULE 7**  Moving and Handling the Elderly
- **MODULE 8**  Communication with Patients, Family and Other Healthcare Professionals

**PRODUCT CODE** | CELPCN
**TARGET GROUP/S** | NURSES
**COHORT SIZE** | MAXIMUM 20 PERSONS
**DURATION** | 2 WEEKS (10 CLASS DAYS TOTAL)
**CLASS SCHEDULE** | 5 DAYS PER WEEK, 8 HOURS PER DAY
**HOURS OF ATTENDANCE** | 80
**LANGUAGES** | ENGLISH, SPANISH, PORTUGUESE
**MODE** | FACE-TO-FACE
**DEGREE/AWARD** | CERTIFICATE OF PARTICIPATION FROM VAMED PARTNER
COURSE IN EMERGENCY CARE

MODULE 1  Triage, Baseline Data Gathering and Assessment

MODULE 2  Fluid Resuscitation

MODULE 3  Stabilization of Respiratory, Neurologic, Thoracic and Abdominal Injuries

MODULE 4  Management of Shock

MODULE 5  Common Medical and Psychological Emergencies, e.g. Substance Abuse, Toxicological, Environmental/Disaster, Obstetrical, Pediatric and Psychiatric Emergencies

Being able to assess and manage a medical emergency is crucial to providing patients the initial care they need. This course will give doctors and nurses this know-how, as well as the knowledge and skills needed for resuscitation, diagnosing and treating common emergency injuries and dealing with patients in shock. At the end of this course, they will be able to work in a hospital/clinic emergency room or ward.

PRODUCT CODE | CEC
TARGET GROUP/S | DOCTORS AND NURSES
COHORT SIZE | MAXIMUM 20 PERSONS
DURATION | 2 WEEKS (10 CLASS DAYS TOTAL)
CLASS SCHEDULE | 5 DAYS PER WEEK, 8 HOURS PER DAY
HOURS OF ATTENDANCE | 80
LANGUAGES | ENGLISH, SPANISH, PORTUGUESE
MODE | FACE-TO-FACE
DEGREE/AWARD | CERTIFICATE OF PARTICIPATION FROM VAMED PARTNER
This course provides general practitioners with a basic understanding of gynecological and obstetric topics, including how to perform and interpret ultrasounds in this area and what preoperative and postoperative care in this area entails. After this course, they will be able to treat minor obstetric or gynecological issues and recognize severe cases for referral to specialists in obstetrics and gynecology.
# COURSE IN ICF

**International Classification of Functioning (ICF)** is the World Health Organization (WHO) framework for measuring health and disability at both an individual and population level. Understanding ICF and its application is considered an important element for any rehabilitation professional as it is used as the basis for care planning, patient assessment, intervention and therapy structuring and other elements of the rehabilitation cycle.

Participants will receive a detailed overview of ICF and its use and application in patient assessment and rehabilitation application.

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**Product Code**: CICF  
**Target Group/S**: DOCTORS, NURSES AND THERAPISTS  
**Cohort Size**: MAXIMUM 30 PERSONS  
**Duration**: 1 WEEK (4 CLASS DAYS TOTAL)  
**Class Schedule**: 8 HOURS PER DAY  
**Hours of Attendance**: 32  
**Languages**: ENGLISH  
**Mode**: FACE-TO-FACE  
**Degree/Award**: CERTIFICATE OF PARTICIPATION FROM VAMED PARTNER
This course is meant for nurses who want to work in an ICU. In this course, participants will learn how to manage critical patients, as well as the soft skills needed to interact with both the patient and their family in a supportive manner. They will also learn how to work with healthcare professionals in other areas and how to stay informed on the latest treatments and procedures for critical patients.

COURSE IN
INTENSIVE CARE

MODULE 1 Pathology

MODULE 2 Management of Critical Patients (including Assessment, Planning and Monitoring)

MODULE 3 Communication with Patients and Their Families

MODULE 4 Working in Multidisciplinary Teams

MODULE 5 Evidenced-Based Best Practices in Intensive Care

MODULE 6 Psycho-Social Factors

PRODUCT CODE | CIC
TARGET GROUP/S | NURSES
COHORT SIZE | MAXIMUM 20 PERSONS
DURATION | 2 WEEKS (10 CLASS DAYS TOTAL)
CLASS SCHEDULE | 5 DAYS PER WEEK, 8 HOURS PER DAY
HOURS OF ATTENDANCE | 80
LANGUAGES | ENGLISH, SPANISH, PORTUGUESE
MODE | FACE-TO-FACE
DEGREE/AWARD | CERTIFICATE OF PARTICIPATION FROM VAMED PARTNER
COURSE IN LABORATORY

As a doctor, it is necessary to have a good understanding of how to carry out laboratory work, including how to store and prepare samples, how to take tissue cultures and how to analyze the resulting data. As a result of this course, participants will be able to give an evidence-based diagnosis. This course can only be offered if the necessary equipment is available.

MODULE 1  Health, Safety and Hygiene, Calculations and Solution Preparation

MODULE 2  PCR Optimization Strategy, Sample Storage and Preparation

MODULE 3  Microscopy

MODULE 4  Tissue Culture Techniques, Methods for Nucleic Acid and Protein Samples Preparation, Western Blot

MODULE 5  Data Analysis
As reflected by the UN sustainable development goals, maternal and child health are key issues in many developing countries. In order to reduce the mortality rate of mothers and children under five, it is necessary that countries have well-trained healthcare staff, especially nurses, to treat this target group. To this end, this course will provide nurses the know-how needed to treat minor pregnancy and delivery complications, prevent infections and support women in having a healthy pregnancy and delivery.

### COURSE IN

**MATERNAL, ANTENATAL & NEONATAL CARE**

| WEEK 1 | MATERNAL/ANTENATAL CARE  
(TAUGHT BY A DOCTOR IN OBSTETRICS/GYNECOLOGY) |
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<tr>
<td>MODULE 1</td>
<td>Lifestyle for a Health Pregnancy, e.g. Nutrition, Physical Activity</td>
</tr>
<tr>
<td>MODULE 2</td>
<td>Pregnancy Complications</td>
</tr>
<tr>
<td>MODULE 3</td>
<td>Infection Prevention and Hygiene for Antenatal Care</td>
</tr>
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</table>

| WEEK 2 | NEONATAL CARE  
(TAUGHT BY A MIDWIFE) |
<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>MODULE 1</td>
<td>Best Practices during Normal Labor and Childbirth</td>
</tr>
<tr>
<td>MODULE 2</td>
<td>Labor/Delivery Complications</td>
</tr>
<tr>
<td>MODULE 3</td>
<td>Post-Delivery Procedures, Examination of Newborns and Treatment of Abnormal Conditions</td>
</tr>
<tr>
<td>MODULE 4</td>
<td>Care for Mothers and Newborns</td>
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<thead>
<tr>
<th>PRODUCT CODE</th>
<th>CMANC</th>
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<tbody>
<tr>
<td>TARGET GROUP/S</td>
<td>NURSES</td>
</tr>
<tr>
<td>COHORT SIZE</td>
<td>MAXIMUM 20 PERSONS</td>
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<tr>
<td>DURATION</td>
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<tr>
<td>CLASS SCHEDULE</td>
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<td>HOURS OF ATTENDANCE</td>
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<td>LANGUAGES</td>
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<td>MODE</td>
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<tr>
<td>DEGREE/AWARD</td>
<td>CERTIFICATE OF PARTICIPATION FROM VAMED PARTNER</td>
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</table>
COURSE IN  
**MEDICAL IMAGING & DIAGNOSTICS FOR DOCTORS**

Taking the course in medical imaging and diagnostics will enable doctors to utilize medical diagnostic equipment and correctly interpret the images they produce. Doctors can take this course in its entirety or they can take one or more of the individual modules. This course can only be offered if the necessary equipment is available.

### WEEK 1 - MODULE 1 “ULTRASOUND”
Ultrasound Overview; Core Obstetric, Cardiac, Abdominal, Musculoskeletal Ultrasounds

### WEEK 2 - MODULE 2 “COMPUTED TOMOGRAPHY”
CT Fundamentals, Radiation Exposure, Dose Reduction Options, Presentation Options, CT Clinical Aspects

### WEEK 3 - MODULE 3 “MAGNETIC RESONANCE IMAGING”
Physical Fundamentals, Sequencing, Image Quality Parameters, Safety and Hardware, MRI Clinical Aspects

### WEEK 4 - MODULE 4 “EKG”
EKG Fundamentals, Correct Use of EKG Electrodes, Interpretation of EKG Results, EKG Images, Cardiac Arrhythmia

### WEEK 5 - MODULE 5 “MAMMOGRAPHY”
Epidemiology of Breast Cancer, Mammography Techniques and Technology, Breast Cancer Diagnostics, Pathology of Healthy Breasts, Benign Lumps and Malignant Lumps, Radiology of Healthy Breasts, Benign Lumps and Malignant Lumps

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<tr>
<th>PRODUCT CODE</th>
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<tr>
<td>TARGET GROUP/S</td>
<td>DOCTORS</td>
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<tr>
<td>COHORT SIZE</td>
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<tr>
<td>DURATION</td>
<td>5 WEEKS (25 CLASS DAYS TOTAL)</td>
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<td>CLASS SCHEDULE</td>
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<td>LANGUAGES</td>
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<tr>
<td>DEGREE/AWARD</td>
<td>CERTIFICATE OF PARTICIPATION FROM VAMED PARTNER</td>
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</tbody>
</table>
This course will enable radiological technicians to be able to operate medical imaging equipment and produce high-quality medical images according to international standards. This course can only be offered if the necessary equipment is available.

MODULE 1  Human Biology; Pharmacology; Clinical Foundations

MODULE 2  Scientific and Clinical Reasoning, Technology including Medical Informatics, Radiation; Quality Assurance

MODULE 3  Musculoskeletal System, including Anatomy and Pathology, Research and Treatment Methods, Neurological System and Ears, Nose and Throat

MODULE 3  Thorax and Abdomen
COURSE IN NON-COMMUNICABLE DISEASES

Throughout the world, as populations increasingly lead unhealthy lifestyles with poor diets and little exercise, heart disease, diabetes, cancer and respiratory diseases are becoming major health issues. By taking this course, healthcare professionals will be better prepared to treat patients suffering from these diseases and help others lead healthier lifestyles, thus ensuring disease prevention.

PREVENTION, DIAGNOSIS AND TREATMENT OF THE FOLLOWING:

MODULE 1  Cardiovascular Diseases
MODULE 2  Diabetes 1 and 2
MODULE 3  Common Cancers (e.g. breast, lung, prostate)
MODULE 3  Respiratory Diseases

PRODUCT CODE | CNCD
TARGET GROUP/S | DOCTORS WHO ARE GENERAL PRACTITIONERS OR FAMILY MEDICINE SPECIALISTS, NURSES
COHORT SIZE | MAXIMUM 20 PERSONS
DURATION | 1 WEEK (4 CLASS DAYS TOTAL)
CLASS SCHEDULE | 8 HOURS PER DAY
HOURS OF ATTENDANCE | 32
LANGUAGES | ENGLISH, SPANISH, PORTUGUESE
MODE | FACE-TO-FACE
DEGREE/AWARD | CERTIFICATE OF PARTICIPATION FROM VAMED PARTNER
In this course, nurses will gain a basic understanding of the most common types of cancer and best practices for delivering effective oncological care. Taught by a doctor and nurse working with cancer patients, participants will have the chance to learn from experts representing the two main perspectives involved in oncological care. Nurses who want a more advanced course are encouraged to take the 8-week "Course in Oncological Nursing II"

**COURSE IN ONCOLOGICAL NURSING I**

**WEEK 1  ONCOLOGY (TAUGHT BY A DOCTOR IN ONCOLOGY)**
- **MODULE 1** Pathophysiology of Cancer and Carcinogenesis
- **MODULE 2** Overview of Various Types and Treatments of Cancer
- **MODULE 3** Symptoms, Side Effects (e.g. Pain)
- **MODULE 4** Nutrition
- **MODULE 5** Health Promotion and Disease Prevention

**WEEK 2  ONCOLOGICAL CARE (TAUGHT BY A NURSE WORKING WITH CANCER PATIENTS)**
- **MODULE 1** Nursing Assessments, Care Planning and Interventions
- **MODULE 2** Multidisciplinary Teamwork
- **MODULE 3** Communication with Patients and their Families
- **MODULE 4** Wound Management
- **MODULE 5** Palliative Care

**PRODUCT CODE | CONI**
**TARGET GROUP/S | NURSES**
**COHORT SIZE | MAXIMUM 20 PERSONS**
**DURATION | 2 WEEKS (10 CLASS DAYS TOTAL)**
**CLASS SCHEDULE | 5 DAYS PER WEEK, 8 HOURS PER DAY**
**HOURS OF ATTENDANCE | 80**
**LANGUAGES | ENGLISH, SPANISH, PORTUGUESE**
**MODE | FACE-TO-FACE**
**DEGREE/AWARD | CERTIFICATE OF PARTICIPATION FROM VAMED PARTNER**
COURSE IN
ONCOLOGICAL NURSING II

In this course, nurses will gain an in-depth understanding of the most common types of cancer and best practices for delivering effective oncological care. Taught by a doctor and nurse working with cancer patients, participants will have the chance to learn from experts representing the two main perspectives involved in oncological care.

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<thead>
<tr>
<th>WEEK 1</th>
<th>ONCOLOGY (TAUGHT BY A DOCTOR IN ONCOLOGY)</th>
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<tbody>
<tr>
<td>MODULE 1</td>
<td>Pathophysiology of Cancer and Carcinogenesis</td>
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<td>MODULE 3</td>
<td>Symptoms, Side Effects (e.g. Pain)</td>
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<td>MODULE 4</td>
<td>Nutrition</td>
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<td>MODULE 5</td>
<td>Health Promotion and Disease Prevention</td>
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<thead>
<tr>
<th>WEEK 2</th>
<th>ONCOLOGICAL CARE (TAUGHT BY A NURSE)</th>
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<tbody>
<tr>
<td>MODULE 1</td>
<td>Nursing Assessments, Care Planning and Interventions</td>
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<tr>
<td>MODULE 2</td>
<td>High Prevalence and High Risk Conditions Encountered in Cancer</td>
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<tr>
<td>MODULE 3</td>
<td>Multidisciplinary Teamwork</td>
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<tr>
<td>MODULE 4</td>
<td>Psychosocial Aspects</td>
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<tr>
<td>MODULE 5</td>
<td>Communication with Patients and Their Families</td>
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<tr>
<td>MODULE 6</td>
<td>Wound Management</td>
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<tr>
<td>MODULE 7</td>
<td>Palliative Care</td>
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<tr>
<td>MODULE 8</td>
<td>Case Study</td>
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</table>

PRODUCT CODE | CONII
TARGET GROUP/S | NURSES
COHORT SIZE | MAXIMUM 20 PERSONS
DURATION | 4 WEEKS (20 CLASS DAYS TOTAL)
CLASS SCHEDULE | 5 DAYS PER WEEK, 8 HOURS PER DAY
HOURS OF ATTENDANCE | 160
LANGUAGES | ENGLISH, SPANISH, PORTUGUESE
MODE | FACE-TO-FACE
DEGREE/AWARD | CERTIFICATE OF PARTICIPATION FROM VAMED PARTNER
To ensure a safe and successful surgery, it is necessary to know how to properly prepare and manage the operating room. This includes guaranteeing a sufficient supply of materials, such as gloves, instruments and blood, as well as ensuring the necessary personnel, from orderlies to doctors. After completing this course, participants will be able to accomplish these tasks.

**COURSE IN OPERATING ROOM MANAGEMENT**

**MODULE 1** Staff and Operating Room Organization, including Materials

**MODULE 2** SOPs and Process Management, including Patient Transport

**MODULE 3** Hygiene and Sterilization

**MODULE 4** Time Management and Resource Management

**MODULE 5** Interdisciplinary Teamwork

**PRODUCT CODE** | CORM
**TARGET GROUP/S** | DOCTORS AND NURSES
**COHORT SIZE** | MAXIMUM 20 PERSONS
**DURATION** | 1 WEEK (5 CLASS DAYS TOTAL)
**CLASS SCHEDULE** | 5 DAYS PER WEEK, 8 HOURS PER DAY
**HOURS OF ATTENDANCE** | 40
**LANGUAGES** | ENGLISH, SPANISH, PORTUGUESE
**MODE** | FACE-TO-FACE
**DEGREE/AWARD** | CERTIFICATE OF PARTICIPATION FROM VAMED PARTNER
COURSE IN  
PEDIATRIC NURSING

Children are a vulnerable patient group and thus require special expertise in treating them. Through this course, nurses will gain a general understanding in nursing pediatrics and the skills to be able to deal effectively with infants, children and adolescents and their families. Specifically, the course covers topics such as typical childhood diseases, nutrition and communication with children and their families.

| PRODUCT CODE | CPN |
| TARGET GROUP/S | NURSES |
| COHORT SIZE | MAXIMUM 20 PERSONS |
| DURATION | 1 WEEK (5 CLASS DAYS TOTAL) |
| CLASS SCHEDULE | 5 DAYS PER WEEK, 8 HOURS PER DAY |
| HOURS OF ATTENDANCE | 40 |
| LANGUAGES | ENGLISH, SPANISH, PORTUGUESE |
| MODE | FACE-TO-FACE |
| DEGREE/AWARD | CERTIFICATE OF PARTICIPATION FROM VAMED PARTNER |

MODULE 1   Typical Childhood Diseases and Vaccination Programs

MODULE 2   Diagnostic and Therapeutic Nursing Procedures of Acute and Chronic Illnesses

MODULE 3   Nutrition

MODULE 4   Communication with Pediatric Patients and Their Families
Treating children with a hematologic disease or cancer requires a specific know-how and approach.

In this course, general practitioners and doctors in family medicine will learn the basic pathophysiology of cancer in children, as well as how to effectively diagnose and manage hematologic diseases and cancers for this special patient group. Other topics include immunological disorders and stem cell transplantation, among others.

### MODULE 1
Basic Pathophysiology of Hematologic Disease and Cancer in Infants, Children, and Adolescents and the Fundamentals of Morphology and Disease Classification

### MODULE 2
Diagnosis and Management of Hematologic Disorders and Malignancies in Infants, Children and Adolescents

### MODULE 3
Fundamental Concepts of Biostatistics, Epidemiology, Outcomes Analysis and Engagement

### MODULE 4
Principles and Practice of Stem Cell Transplantation, Transfusion Medicine and Supportive Care in Children with Hematologic Disease and Cancer

### MODULE 5
Basic Principles of Immunology and Common Immunologic Disorders

### MODULE 6
Rehabilitation for Infants, Children, and Adolescents with Cancer

**PRODUCT CODE**: CPOI

**TARGET GROUP/S**: DOCTORS WHO ARE GENERAL PRACTITIONERS OR FAMILY MEDICINE SPECIALISTS

**COHORT SIZE**: MAXIMUM 20 PERSONS

**DURATION**: 1 WEEK (5 CLASS DAYS TOTAL)

**CLASS SCHEDULE**: 5 DAYS PER WEEK, 8 HOURS PER DAY

**HOURS OF ATTENDANCE**: 40

**LANGUAGES**: ENGLISH, SPANISH, PORTUGUESE

**MODE**: FACE-TO-FACE

**DEGREE/AWARD**: CERTIFICATE OF PARTICIPATION FROM VAMED PARTNER
This course provides oncologists with additional expertise in treating oncological patients who are children. Specifically, they will gain the knowledge and skills to be able to treat leukemia and tumors in children, as well as how to effectively communicate with young patients and their parents.

**MODULE 1**  Treatment of Leukemia  
**MODULE 2**  Treatment of Solid Tumors  
**MODULE 3**  Communication with Child Patients and Their Parents  
**MODULE 4**  Case Studies  
**MODULE 5**  Rehabilitation for Infants, Children, and Adolescents with Cancer
This course provides healthcare professionals the know-how needed to deliver pre-hospital emergency care and first aid, such as treating shock and traumatic injuries and dealing with special emergency situations.

**MODULE 1**  Scene Assessment (incl. Disease Transmission Prevention)

**MODULE 2**  Anatomy and Physiology

**MODULE 3**  Respiratory and Circulatory Emergencies; Airway and Ventilation

**MODULE 4**  Bleeding; Shock

**MODULE 5**  Traumatic Injuries

**MODULE 6**  Medical Emergencies (e.g. cold-related emergencies)

**MODULE 7**  Special Populations and Situations (e.g. childbirth)

**PRODUCT CODE**  | CPEC
**TARGET GROUP/S**  | PARAMEDICS, NURSES AND COMMUNITY HEALTHCARE WORKERS
**COHORT SIZE**  | MAXIMUM 20 PERSONS
**DURATION**  | 1 WEEK (5 CLASS DAYS TOTAL)
**CLASS SCHEDULE**  | 8 HOURS PER DAY
**HOURS OF ATTENDANCE**  | 40
**LANGUAGES**  | ENGLISH, SPANISH, PORTUGUESE
**MODE**  | FACE-TO-FACE
**DEGREE/AWARD**  | CERTIFICATE OF PARTICIPATION FROM VAMED PARTNER
COURSE IN REHABILITATION BASICS

This course provides healthcare professionals in rehabilitation facilities the fundamental knowledge and skills to effectively treat patients. The course is comprised of theoretical components covering topics such as ICF, therapy planning and documentation and pathophysiology, as well as practical components, such as how to work with medical equipment and how to carry out a therapeutic assessment. Trainers are experts from VAMED rehabilitation clinics and/or from VAMED partners.

PART 1 (7 TRAINING DAYS)
ALL TARGET GROUPS

MODULE 1 ICF Introduction
(What is ICF?, Professional Groups in Rehabilitation,…)

MODULE 2 Therapy Planning
and Documentation

MODULE 3 Communication and Working in Interdisciplinary Teams

MODULE 4 Working with Different Patient Groups

MODULE 5 Medical Equipment in Rehabilitation

MODULE 6 Introduction into the Pathophysiology of the Most Common Diseases at Rehabilitation Clinics

PART 2 (3 TRAINING DAYS)
FOR NURSES ONLY

MODULE 1 Therapeutic Assessment and Nursing

MODULE 2 Special Nursing Procedures in Rehabilitation

MODULE 3 Wound- and Pain Management

PART 2 (3 TRAINING DAYS)
FOR PHYSIOTHERAPISTS ONLY

MODULE 1 Therapeutic Assessment

MODULE 2 Introduction into Therapeutic Technics (e.g. Bobath, PN,…)

MODULE 3 Working with Medical Equipment

PRODUCT CODE | CRB
TARGET GROUP/S | DOCTORS, NURSES AND THERAPISTS IN REHABILITATION FACILITIES
COHORT SIZE | MAXIMUM 20 PERSONS
DURATION | 2 WEEKS (10 CLASS DAYS TOTAL)
CLASS SCHEDULE | 5 DAYS PER WEEK, 8 HOURS PER DAY
HOURS OF ATTENDANCE | 80
LANGUAGES | ENGLISH
MODE | FACE-TO-FACE
DEGREE/AWARD | CERTIFICATE OF PARTICIPATION FROM VAMED OR VAMED PARTNER
This course equips participants with the know-how needed to train other healthcare professionals. The course covers adult learning, various learning approaches, designing training courses and providing effective feedback, among other topics.

**COURSE**

**TRAIN-THE-TRAINER**

**MODULE 1** Theory and Practice for Adult Learning and Professional Development

**MODULE 2** Understanding Different Learning Styles and Approaches

**MODULE 3** Training Design, Especially to Teach a Skill

**MODULE 4** Observation and Reflection as Tools for Teaching and Evaluation; How to Give Effective Feedback

**MODULE 5** Small and Large Group Teaching

**PRODUCT CODE** | CTT
**TARGET GROUP/S** | ALL HEALTHCARE PROFESSIONALS
**COHORT SIZE** | MAXIMUM 10 PERSONS
**DURATION** | 1 WEEK (5 CLASS DAYS TOTAL)
**CLASS SCHEDULE** | 5 DAYS PER WEEK, 8 HOURS PER DAY
**HOURS OF ATTENDANCE** | 40
**LANGUAGES** | ENGLISH, SPANISH, PORTUGUESE
**MODE** | FACE-TO-FACE
**DEGREE/AWARD** | CERTIFICATE OF PARTICIPATION FROM VAMED PARTNER
COURSE IN
BIOMEDICAL ENGINEERING

Biomedical engineers are more and more in demand for their expertise in developing and maintaining medical equipment, allowing hospitals to offer the most state-of-the-art treatments. Taught by biomedical engineers or experts of VAMED, or a VAMED partner this course provides participants with an overview of the techniques and procedures applied by biomedical engineers according to European standards.

| MODULE 1 | Diagnostic Imaging |
| MODULE 2 | OR Equipment |
| MODULE 3 | Laboratory Equipment |
| MODULE 4 | Central Sterilization Supply Department (CSSD) |
| MODULE 5 | Maintenance Aspects |

| PRODUCT CODE | CBE |
| TARGET GROUP/S | BIOMEDICAL ENGINEERS |
| COHORT SIZE | MAXIMUM 20 PERSONS |
| DURATION | 1 WEEK (5 CLASS DAYS TOTAL) |
| CLASS SCHEDULE | 5 DAYS PER WEEK, 8 HOURS PER DAY |
| HOURS OF ATTENDANCE | 40 |
| PARTNER/LANGUAGES | ENGLISH |
| MODE | FACE-TO-FACE |
| DEGREE/AWARD | CERTIFICATE OF PARTICIPATION FROM VAMED OR VAMED PARTNER |
This program will provide participants with the necessary expertise to work as a computer scientist in the healthcare field. It is taught by VAMED IT experts and features many “hands-on” sessions under the guidance of VAMED IT mentors.

**MODULE 1 INFORMATION SYSTEMS IN HEALTHCARE FACILITIES**
Topic 1.1 Introduction to e-Health and Main Concepts
Topic 1.2 Types and Development of Medical Information Systems
Topic 1.3 Medical Data
Topic 1.4 IT Security

**MODULE 2 IT AND HEALTHCARE**
Topic 2.1 IT Usage in Healthcare
Topic 2.2 Telemedicine
Topic 2.3 Quality Management
Topic 2.4 Private Data Protection
Topic 2.5 Engineering/Software Requirements

**MODULE 3 LEGAL ASPECTS OF IT IN HEALTHCARE**
Topic 3.1 Concepts of Data Protection Laws
Topic 3.2 EU Legal Framework
Topic 3.3 Healthcare Legal Concepts

**MODULE 4 DATA PRIVACY, CONTRACTS AND SECURITY**
Topic 4.1 Legal Framework for the Internet
Topic 4.2 Liability and Contract Law

**PRODUCT CODE | CEH**
**TARGET GROUP/S | IT SPECIALISTS INTERESTED IN WORKING IN THE HEALTHCARE SECTOR**
**COHORT SIZE | MAXIMUM 25 PERSONS**
**CREDITS | NONE**
**DURATION | 4 MONTH (20 CLASS DAYS TOTAL)**
**CLASS SCHEDULE | 5 DAYS PER WEEK, 8 HOURS PER DAY**
**HOURS OF ATTENDANCE | 160**
**PARTNER/LANGUAGES | ENGLISH**
**MODE | FACE-TO-FACE**
**DEGREE/AWARD | CERTIFICATE OF PARTICIPATION FROM VAMED**
Hospitals are only able to operate successfully if their facilities and equipment are properly maintained and routinely inspected. After completing this course, participants will have a basic understanding of technical maintenance in hospitals.

### PRODUCT CODE
CFBI

### TARGET GROUP/S
MEDICAL TECHNICIANS, FACILITY MANAGEMENT STAFF

### SIZE OF CLASS
MAXIMUM 30 PERSONS

### CREDITS
NONE

### DURATION
1 WEEK (5 DAYS TOTAL)

### CLASS SCHEDULE
5 DAYS PER WEEK, 8 HOURS PER DAY

### HOURS OF ATTENDANCE
40

### PARTNER/LANGUAGES
ENGLISH, FRENCH

### MODE
FACE-TO-FACE

### DEGREE/AWARD
CERTIFICATE OF PARTICIPATION FROM VAMED OR VAMED PARTNER

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**COURSE IN**

**FEMS/BEMS I**

**MODULE 1** Use of Biomedical Equipment

**MODULE 2** Fundamentals (e.g. Reading Schematics and Symbols, Making Measurements, Using Manual Tools)

**MODULE 3** Electrical Systems (e.g. Basic Electricity and Electronics, Batteries and DC Circuits, Transformers and AC Circuits)

**MODULE 4** Mechanical Systems (e.g. Basic Mechanics, Power Transmission Equipment, Pumps)

**MODULE 5** Air-Conditioning and Refrigeration Systems (e.g. The Refrigeration Cycle, Compressors, Condensers and Cooling Towers)

**MODULE 6** Building Maintenance (e.g. Plumbing Systems Maintenance, Locks and Key Systems)

**MODULE 7** Mechanical Maintenance (e.g. Pump Installation and Maintenance)

**MODULE 8** Water / Wastewater Treatment
Hospitals are only able to operate successfully if their facilities and equipment are properly maintained and routinely inspected. After completing this course, participants will have the expertise needed to work as a highly qualified FEMS/BEMS technician in a healthcare facility.

**COURSE IN FEMS/BEMS II**

- **MODULE 1** Biomedical Rules and Regulations, Standards, Test Devices, Test Procedures, Documentation Systems
- **MODULE 2** KPI, PPM Planning, Disaster Plan, Inspection Planning, Workshop Design, CAFM, Reporting, Benchmarking, Stock Control & Planning, Statistics
- **MODULE 3** Basics in Facility Engineering Services, Safety/Protection Measures, Osmosis Systems, Water Treatment, Sewage Systems, Test Equipment Theory, A/C - PPM Procedures

- **PRODUCT CODE**: CFBII
- **TARGET GROUP/S**: MEDICAL TECHNICIANS, FACILITY MANAGEMENT STAFF
- **COHORT SIZE**: MAXIMUM 20 PERSONS
- **DURATION**: 3 WEEKS (15 CLASS DAYS TOTAL)
- **CLASS SCHEDULE**: 5 DAYS PER WEEK, 8 HOURS PER DAY
- **HOURS OF ATTENDANCE**: 120
- **LANGUAGES**: ENGLISH, FRENCH
- **MODE**: FACE-TO-FACE
- **DEGREE/AWARD**: CERTIFICATE OF PARTICIPATION FROM VAMED OR VAMED PARTNER
COURSE IN
HOSPITAL LOGISTICS I

Properly implemented hospital logistics is the key to running a successful hospital. Upon completion of this course, participants will be able to work more efficiently, leading to lower costs and higher quality of care in their healthcare facility (e.g. all medical supplies are available when needed). The course “Hospital Logistics II” is a continuation of this course.

PRODUCT CODE | CHLI
TARGET GROUP/S | DEPARTMENT HEADS, ADMINISTRATIVE STAFF, TECHNICIANS, HEAD NURSES, FACILITY MANAGERS
COHORT SIZE | MAXIMUM 25 PERSONS
DURATION | 2 WEEKS (10 CLASS DAYS TOTAL)
CLASS SCHEDULE | 5 DAYS PER WEEK, 8 HOURS PER DAY
HOURS OF ATTENDANCE | 80
LANGUAGES | ENGLISH
MODE | FACE-TO-FACE
DEGREE/AWARD | CERTIFICATE OF PARTICIPATION FROM VAMED OR VAMED PARTNER
As a continuation of the course “Hospital Logistics I”, “Hospital Logistics II” provides more advanced expertise in hospital logistics. Upon completion of this course, participants will be able to better plan and implement hospital logistics, as well as evaluate results. They will also learn how to effectively cooperate with other professionals, both within and outside their healthcare facility.

**COURSE IN HOSPITAL LOGISTICS II**

**MODULE 1: MATERIAL-ORIENTED INFRASTRUCTURE MANAGEMENT**
- Data Analysis and Benchmarking
- Statistical Methods
- Logistic Controlling
- Material Flow Principles

**MODULE 2: TRAFFIC-ROUTING CHALLENGES IN A MODERN HOSPITAL**
- Internal and External Suppliers
- Patients, Visitors and Staff Mobility
- Safety and Security (e.g. Access Restrictions, Escape Routes)

**MODULE 3: COOPERATION AND OUTSOURCING**
- Cooperation with Suppliers and Logistic Service Providers
- Regional Cooperation between Hospitals
- Cooperation with Other Healthcare Facilities

**MODULE 4: MANAGEMENT WITH A FOCUS ON OPERATING ROOM LOGISTICS**
- Operating Room Scheduling and Planning
- Patient Flow
- Procurement and Removal of Sterile Material

**PRODUCT CODE** | CHLII
**TARGET GROUP/S** | DEPARTMENT HEADS, ADMINISTRATIVE STAFF, TECHNICIANS, HEAD NURSES, FACILITY MANAGERS
**COHORT SIZE** | MAXIMUM 25 PERSONS
**DURATION** | 2 WEEKS (10 CLASS DAYS TOTAL)
**CLASS SCHEDULE** | 5 DAYS PER WEEK, 8 HOURS PER DAY
**HOURS OF ATTENDANCE** | 80
**LANGUAGES** | ENGLISH
**MODE** | FACE-TO-FACE
**DEGREE/AWARD** | CERTIFICATE OF PARTICIPATION FROM VAMED OR VAMED PARTNER
BASIC COURSES

COURSE IN HEALTH PROMOTION AND DISEASE PREVENTION
COURSE IN SANITATION, HYGIENE AND INFECTION CONTROL
COURSE IN
HEALTH PROMOTION
& DISEASE PREVENTION

Through this course, participants will learn how to plan and implement health prevention and promotion programs, especially at the community level. Such programs are effective tools for bringing health awareness to communities, especially those in rural areas. As populations continue to experience growth in diseases such as diabetes, heart disease and respiratory diseases, it is increasingly important to properly inform communities about the dangers of an unhealthy lifestyle.

| MODULE 1 | Nutrition; Tobacco and Alcohol Addiction |
| MODULE 2 | Physical Activity |
| MODULE 3 | Hygiene |
| MODULE 4 | Reproductive Health and Prevention of Sexually Transmitted Diseases |
| MODULE 5 | Mental Health Basics |
| MODULE 6 | Program Planning |

PRODUCT CODE | CHPDP
TARGET GROUP/S | NURSES AND COMMUNITY HEALTHCARE PROFESSIONALS
COHORT SIZE | MAXIMUM 20 PERSONS
DURATION | 1 WEEK (5 CLASS DAYS)
CLASS SCHEDULE | 5 DAYS PER WEEK, 8 HOURS PER DAY
HOURS OF ATTENDANCE | 40
LANGUAGES | ENGLISH, SPANISH, PORTUGUESE
MODE | FACE-TO-FACE
DEGREE/AWARD | CERTIFICATE OF PARTICIPATION FROM VAMED PARTNER
COURSE IN
SANITATION, HYGIENE & INFECTION CONTROL

Healthcare professionals will learn why it is important to carry out proper hygiene techniques and how to prevent infections for both themselves and their patient. Moreover, by becoming familiar with the cause and recognition of communicable diseases they will be able to help minimize the spread of serious diseases.

MODULE 1  Personal Hygiene, e.g. Hand Hygiene

MODULE 2  Disinfection, Sterilization and Facility Cleanliness

MODULE 3  Epidemiology, Diagnosis and Prevention of Communicable Diseases

MODULE 4  Nosocomial Infections

MODULE 5  Water Hygiene

MODULE 6  Waste Disposal

MODULE 7  Prevention of Wound Infection

PRODUCT CODE | CSHIC
TARGET GROUP/S | HEALTHCARE-professionals
COHORT SIZE | MAXIMUM 25 PERSONS
DURATION | 1 WEEK (5 CLASS DAYS TOTAL)
CLASS SCHEDULE | 5 DAYS PER WEEK, 8 HOURS PER DAY
HOURS OF ATTENDANCE | 40
LANGUAGES | ENGLISH, SPANISH, PORTUGUESE
MODE | FACE-TO-FACE
DEGREE/AWARD | CERTIFICATE OF PARTICIPATION FROM VAMED PARTNER
SPECIAL PROGRAMS

OBSERVERSHIP
MENTORING
Observerships are programs that allow healthcare professionals to observe the most up-to-date procedures and learn specific skills relevant for their daily work. These take place at a VAMED facility or at one of the hospitals/clinics of the VAMED international partner network in the areas listed below. Doing an observership after completing a VAMED course or program allows them to immediately see how the know-how they learned can be put into practice.

Observation Areas (Examples):
- Dialysis
- Emergency Care
- FEMS/BEMS
- Healthcare Facility (e.g. Hospital or Rehabilitation Clinic) Management
- Intensive Care
- Laboratory
- Maternal and Neonatal Care
- Medical Imaging/Diagnostics/Radiotherapy
- Oncology
- Pediatrics
- Rehabilitation

**PRODUCT CODE** | OB
**TARGET GROUPS** | DOCTORS, NURSES, HEALTHCARE FACILITY MANAGERS, LABORATORY TECHNICIANS, MEDICAL TECHNICIANS
**COHORT SIZE** | MAXIMUM OF 5 IN A DEPARTMENT AT THE SAME TIME
**DURATION** | 2 TO 8 WEEKS
**SCHEDULE** | VARIES
**HOURS OF ATTENDANCE** | VARIES
**LANGUAGES** | ENGLISH, SPANISH, PORTUGUESE
**MODE** | FACE-TO-FACE
**DEGREE/AWARD** | CERTIFICATE OF PARTICIPATION FROM VAMED PARTNER
MENTORING

Mentoring programs are where experts from VAMED or one of the hospitals of its international partner network observe participants in their daily work and offer feedback to improve their knowledge and skills. Mentoring can take place in the areas listed below and is an excellent way to put into practice the expertise participants have learned in a VAMED course or to improve their know-how in a specific area.

MENTORING AREAS (EXAMPLES):
- Emergency Care
- Healthcare Facility (e.g. Hospital or Rehabilitation Clinic) Management
- Intensive Care
- FEMS/BEMS
- Pediatrics
- Rehabilitation

PRODUCT CODE | ME
TARGET GROUP/S | DOCTORS, NURSES, HEALTHCARE FACILITY MANAGERS, LABORATORY TECHNICIANS, MEDICAL TECHNICIANS
COHORT SIZE | VARIES
DURATION | 2 TO 4 WEEKS
SCHEDULE | VARIES
HOURS OF ATTENDANCE | VARIES
LANGUAGES | ENGLISH, SPANISH, PORTUGUESE
MODE | FACE-TO-FACE
DEGREE/AWARD | NONE
TESTIMONIALS
TESTIMONIALS

“VAMED group has a long history of hospital management, and has a very advanced concept on hospital construction and facility management. Through the lecture, I learned a lot. This is a program that is worth recommending.”

Ye Shi, participant from VAMED’s Diploma Program in Nursing Management in China

“I loved the opportunity to work in an ICU in a developed country working in almost an ideal setup as described in books.”

Dr. Stephen Kalya, participant from VAMED’s training in hospital management for staff from Kabernet Baringo Hospital in Kenya

“It was wonderful to have the VAMED lecturer/trainer. Her passion, patience and knowledge has surely equipped us with a good starting point for ICF in Perkeso.”

Lim Thiam Hwee, participant from VAMED training on ICF Principles for staff from the SOCSO Rehabilitation Centre in Malaysia