



ASSOCIATION PER REGULATION OF 1901
N°1943 JO 18 / 12 / 1996

International Cooperation for Emergency Medicine And Health *Vigilance* in Africa

NEW APPROACH OF A HUMANITARIAN, SCIENTIFIC AND INTERNATIONAL SOLIDARITY ORGANIZATION (OHSSI), WHICH IS
MULTIDISCIPLINARY AND SYNERGIC WITH AN EDUCATIONAL VOCATION AND HOSPITAL PARTNERSHIPS FOR AFRICA

- Our Motto**
- Access to Health Insurance and Urgent Care in Africa
 - Training and Research focused on Local Realities
 - Health Partnerships: Expertise in Management, Maintenance and Public Health



Vital Emergency and Health Vigilance in Africa: From Daily to Exceptional

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Hemou P et al CIMUVISA-AfCEM Kigali 2018



INTER-AFRICAN INTEGRATED PROJECT 2018

Pedagogy of Management and Health Research



ACKNOWLEDGEMENTS

- CLO AND HOME
- PROMOTERS
- SPONSORS
- PARTNERS
- COWORKERS
- PARTICIPANTS



Key Messages / Summary

Findings Regarding African Healthcare Systems (Deficiency)

- ✓ Emergency Medical Services (EMS)? DS: Less than 10% of the GDP;
- ✓ Low rates of HDI < 0,5;
- ✓ Cerebrovascular Accident (++);
- ✓ Trauma (AVP/Road Accidents++);
- ✓ Maternal and Infant Mortality;
- ✓ Cancer;
- ✓ Medical Equipment Maintenance?
- ✓ Pandemics and Health Crisis (EBOLA etc...)

Expectations: Training, Care, Research, Maintenance, Coordination, Adaptability, Prevention, Road Safety.



ORGANIZATION CHART

Awareness Campaign for Anesthesia-Resuscitation, Emergency Medicine, and Health Monitoring in Africa

GOALS ACTIONS

EDUCATIONAL Adapted, integrated, and coordinated capacity building for Africans to train and respond to vital emergencies locally Training Institution N° 11910415091	FORUMS AND CONFERENCES Organization: International Solidarity Forums in Togo (1990 - 2002- 2004 - 2007- 2011), in France (2000 and 2010) Active Participation Congress of SARANF: Conakry 1997, Cotonou 2001, Yaounde 2004, Libreville 2006, Bamako 2007, SAFMU: Dakar 2008 Panafrican: Tunis 2005 Cotonou 2008: Second Congress of the West African Confederation of Anesthesia Societies
HUMANITARIAN Association accredited through Public Assistance – Hospitals of Paris (AP-HP)	Recycling of equipment and logistics from better equipped hospitals in aid of the most needy (Charter of Donations and Traceability)
HOSPITAL PARTNERSHIPS FOR AFRICA Association accredited by AP-HP	Professional Training and Exchange Conferences Exemple: CHU COCHIN – CHU Kara since 2000 – the ESTHER Project in Togo (PTME VIH) Breaking the isolation of rural healthcare centers

CHART



PERSPECTIVES



Disclosure of Conflict of Interests

NO CONFLICT OF INTEREST

A thought for all Victims
(**Moment of silence**)

MAJOR EVENTS

- *The Conakry Appeal from the 14th Congress of SARANF in 1997*
- *Thesis in Management and Public Health 2000 : Universities of Paris V and Paris VIII (AP-HP), School of Mines in Paris*

(French/English)

- *International Symposium of the University of KARA (Togo), May 12-16, 2014*
- *The Issue of vital Emergencies in Africa: from learning to research to and through access to secure and high quality care**

** Quelle contribution des Universités au développement en Afrique? (What Contribution from Universities to Development in Africa?) vol I, p 57-68, Ed. Harmattan 2015*



A PROSPECTIVE FOR UNIVERSAL HEALTH CARE IN AFRICA

- CIMUVISA Editorial for Journal of Pan African Parliament (PAP) ,
One Africa, One Voice

HEMOU P. MOGHAZY A et al

10th Edition 2016 P 232-233

11th Edition 2017 P 196-200



CIMUVISA declares being duly authorized to organize training activities of a humanitarian nature, in accordance with the purpose of its Constitution. CIMUVISA also serves as Project Manager in identifying care facilities according to local needs and realities. It also contributes to periodical medical missions and the recycling of French hospitals' equipment in favor of the most destitute Health Institutions. Health and Academic Authorities of the home country of the Intern or any other accredited African Organization may define the needs, identify the Interns and provide for their travel expenditures. Particularly, the Institution must register within the framework of a project or a program well defined beforehand, which guarantees to the Intern a school-to-work transition after his training. The multidisciplinary and cross-training of actors guarantees the strengthening of the weak link and the upholding of the chain of survival "Every citizen has the obligation to assist a person in danger anytime and anywhere."



Medical Specialist of Civilian and Armies Instruction Teaching Hospitals, Pitchaki Frédéric Hemou is an honorary member of the French Speakers' Society for Resuscitation (SRLF). He is the Coordinator – Chairman Emeritus of CIMUVISA-ACP: International Cooperation for Emergency Medicine and Health Vigilance in Africa.



978-3-639-65394-6

Urgences vitales et catastrophes

Hemou

EUE ÉDITIONS
UNIVERSITAIRES
EUROPÉENNES



Pitchaki Frédéric Hemou

Vital Emergency and Disasters in Africa:

from Realities to Perspectives
Pedagogical Project for Management and
Health Research

Hemou P et al CIMUVISA-AfCEM, Kigali
2018

HUMAN DEVELOPMENT INDEX (HDI)

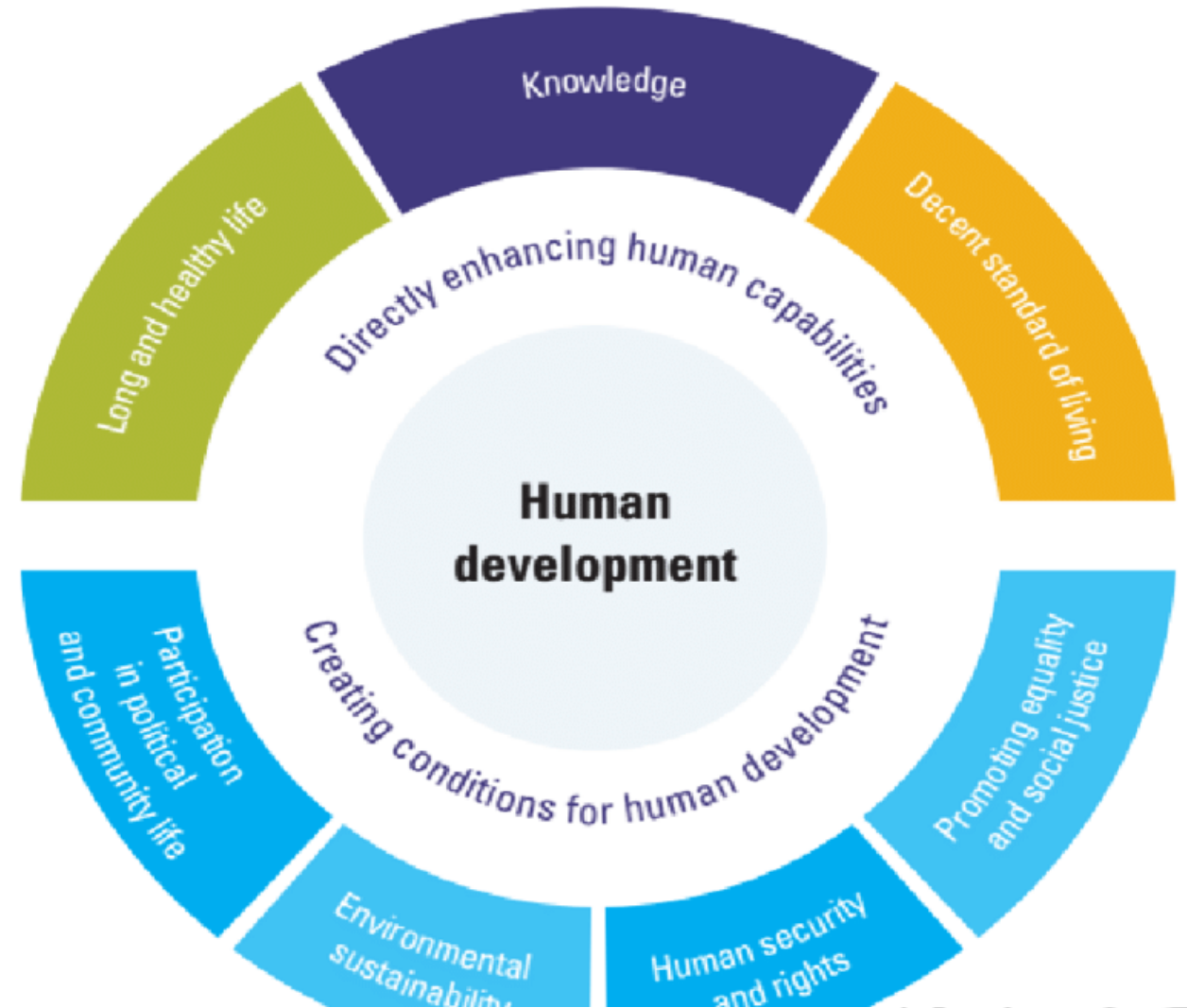
4 Levels of HDI :

1- Very High HDI (between 0.80 and 0.94): especially in European countries, the United States, Canada, and Japan . No African Country.

2- High HDI (between 0.7 and 0.8): 5 African Countries: Mauritius, the Seychelles, Algeria, Libya, and Tunisia.

3- Medium HDI (between 0.5 and 0.7): 12 African Countries: Botswana, Egypt, Gabon, South Africa, Cape Verde, Morocco, Namibia, Congo, Equatorial Guinea, Zambia, Ghana, São Tome and Principe.

4- Low HDI (between 0.3 and 0.5): the majority of African Countries (Table).



Source: [Human Development Report Office 2015](#) [12]



SAUDI
GERMAN
HOSPITAL
CAIRO



VITAL EMERGENCY IN AFRICA

from Daily to Exceptional

TERRITORIAL LOGIC FOR ACCESS TO HEALTH CARE AND HEALTH VIGILANCE

FROM TRAINING TO RESEARCH FOR AND THROUGH ACCESS TO
URGENT COMMUNITY-BASED, QUALITY AND SAFE HEALTH
CARE

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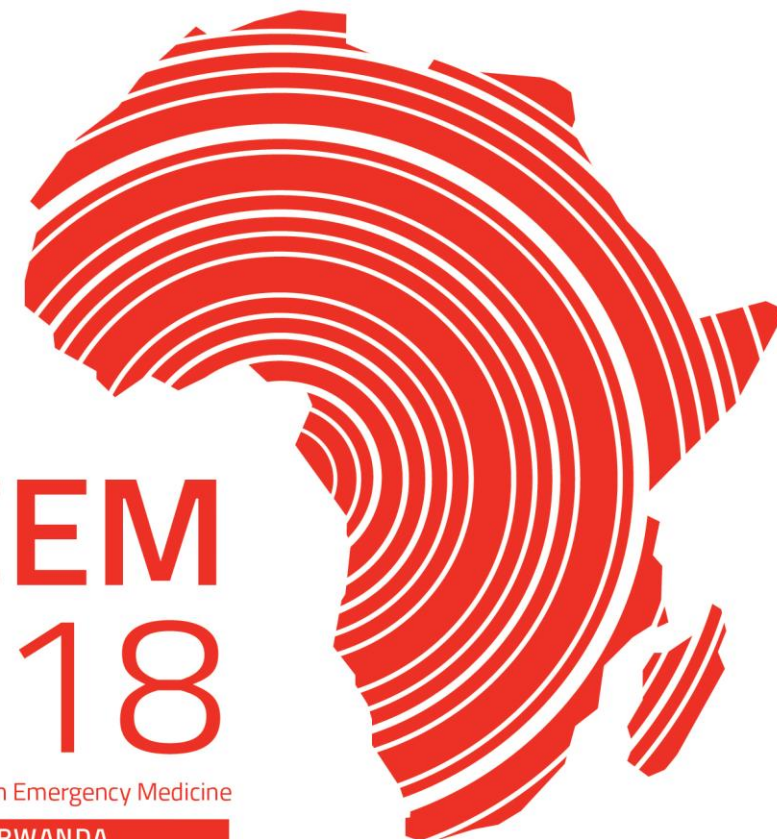
www.cimuvisa.org

18th Scientific Forum of CIMUVISA, Cairo,
December 16-18, 2017

AfCEM
2018

African Conference on Emergency Medicine

KIGALI RWANDA



Security and Ecological Integrated National Agency for Disasters and Health Vigilance in Africa (ANISEEC-VISA)++++

- **Interdepartmental** Draft Framework Agreement:
- **12** Multidisciplinary and Cross-cutting Committees

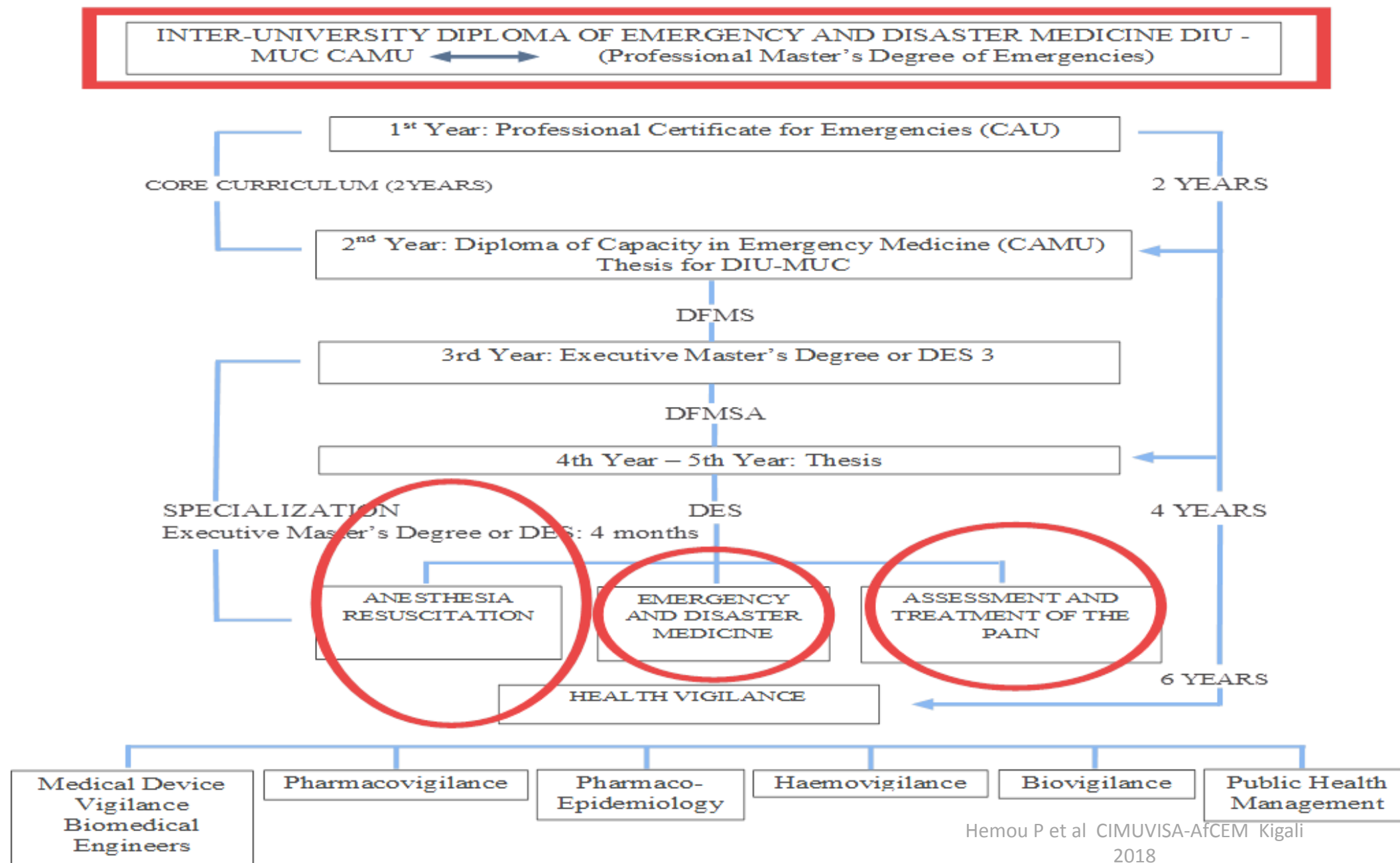


Security and Ecological Integrated National Agency of Disasters and Health Vigilance in Africa (ANISEEC-VISA)++++

- **Interdepartmental** Draft Framework Agreement: Multidisciplinary and Cross-cutting Committees
- **Preparatory work started with the Ministry of Health and Social Welfare**
 1. Committee for Access to Health Insurance and Health Care
 2. Inclusive Prehospital Commission
 3. Hospital Committee for Reception, Treatment, and Orientation of Emergencies
 4. Hospital Committee for Approvals
 5. MOTHER-CHILD Committee
 6. AMBULATORY Committee
 7. Committee for Ethics and Relations with Traditional Doctors
 8. TRAINING AND RESEARCH Committee
 9. Committee for HEALTH VIGILANCE including Pharmacovigilance, Medical Devices Vigilance (Logistics, Medical Equipment Maintenance), Anaesthetic safety in Continuous Monitoring Unit and in Resuscitation, Transfusion safety (Haemovigilance), Infection and Biovigilance
 10. Assessment of Health and Ecological Risk
 11. Organizational and Management Aspects
 12. YOUTH Committee



Figure 1: Diagram and Career Openings of the Core Curriculum of the Professional Master's Degree of Emergencies



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VITAL EMERGENCY: Cross-Training for Actors

Academic and Institutional Conventions for Health Partnerships

Certificate Courses in Health Sciences and Technologies

“Tailored” Regional or Inter-University Trainings

For Medical Doctors

(Professional Master's and Doctorates Degrees) 2 YEARS

Value Units

Elective or Compulsory Certificates 1-2 YEARS

Post Graduate Specialist Diploma (DESC)

Certificate of Advanced Specialized Training (AFSA)

*Post Graduate Diploma (DES) with
multiple options*

INTER-UNIVERSITY DEGREE IN ULTRASOUND SCAN

INTER-UNIVERSITY DEGREE IN PAIN MANAGEMENT

INTER-UNIVERSITY DEGREE IN BURN MANAGEMENT

INTER-UNIVERSITY DEGREE IN MAINTENANCE (ENGINEERS)

INTER-UNIVERSITY DEGREE IN MANAGEMENT AND PUBLIC HEALTH

INTER-UNIVERSITY DEGREE IN CLINICAL RESEARCH

[TRAINING OF INVESTIGATORS IN CLINICAL TRIALS OF DRUGS

(FIEC)-CLINICAL RESEARCH ASSOCIATE (ARC)-

CLINICAL TRIAL TECHNICIAN (TEC)]

INTER-UNIVERSITY DEGREE IN

PHARMACO-EPIDEMIOLOGY AND PHARMACO-VIGILANCE (PEP)

DISASTER MEDICINE – CRISIS MANAGEMENT

ENGLISH

*Paramedical Medico-Technical or
Logistic University Level 1-2 YEARS*

Professional Master's Degree

TSAR

Midwife

State Nurse Emergency Medicine
and Intensive Care

Biologist

Service Technician

Health Executive

Logistician

**National Refresher Trainings
In Health Sciences and Technologies**

INTER-UNIVERSITY DEGREE (DIU) IN
MEDICAL EVACUATION

National Basic Trainings

6 MONTHS

Basic First Aid

Paramedics

Taxi men (Auto-Motorbike)

General Public (Elementary

schools, high schools, and private
businesses)

National Service (6 to 18 months)

Hemou P et al CIMUVISA-AfCEM Kigali

Pan-African Society for Disasters Medicine (SPMC): Luxury or Necessity?

2018

Short, Medium, and Long Term

- **PAN-AFRICAN SOCIETY of Anaesthesia-Resuscitation, Emergency Medicine, Disasters, and Health Vigilance (SPARMUC-VISA)**
- **TRANSVERSAL RESEARCH AND JOURNAL**



DIFFICULTIES - HINDRANCES

☐ Widespread Absence of Social Health Insurance

Importance of Free Health Care for people on low incomes : **Preventive Medicine; Health Insurance** through distribution and capitalization.

☐ Organizational Lethargy

☐ Division of Trainings ++

- Rural Migration ++
- Language Barriers ++ Continued Awareness Campaign and Media

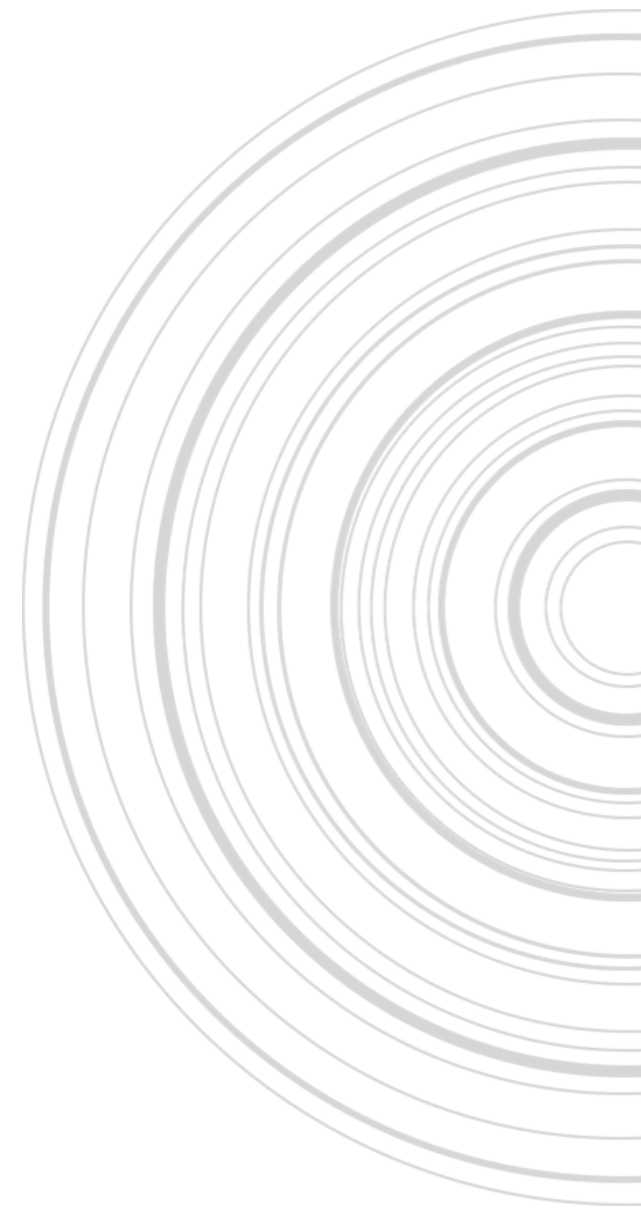
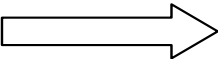
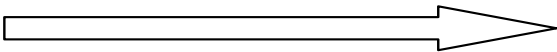


Table of Capacity building Framework¹: Approaches, Targets, Probabilities of Sustainability and Research Focus
(Valid for Integrated Projects: Trainings, Health Care and Researches)

Targeted Entity		Capacity building Approaches			Centers of Excellence
	University Education Or Post-graduate Training	Learning through Practice	Institutional Partnership among Countries (For instance INTER-UNIVERSITY DEGREE)		
Individual ^a	+++	+	++(+++)		+
Institution	+++	++	+++		+++
Network	++	++	+++		++
National Level	+	++	++		+++
Supranational Level		++	+++		+++
Financial Funding ^b	++	+	+++		+++
Research Focus Systems		Competences of Researchers		Development of Programs, Policies, and	
Probabilities of Sustainability ^c	+				+++

a: The number of Plus (+) sign indicates that the Entity is targeted + sometimes, ++ regularly, ++ frequently; b: The number of Plus (+) sign indicates that the volume of funds to be invested by National Systems for Health Research or by the Funding Organizations is + Low, ++ Medium, +++ High;
c: The number of Plus (+) sign indicates that the Probabilities of Sustainability is + reasonable, +++ High.

¹ Source : WHO’s Report of 2013

NEEDS IDENTIFICATION-ASSESSMENT AND ACCESS TO CARE FORM

(Donations Charter)

Objectives:

- Towards a Participation-Accountability of beneficiaries and caregivers, in response to needs clearly specified
- For a control and management of the quality and traceability of the equipment provided.

The Health Institution or the beneficiary Association must submit a file to CIMUVISA according to the following criteria:

- 1- *Nature of needs specified (Equipment or Logistics) depending on local opportunities for Training, Maintenance, and Supply (of pharmaceuticals, consumables, and spare parts)*

.....

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.....

- 2- *Logistics Partner*

- 3- *Destination:*

- Institutions responsible for pick-up, storage, and transport fees
- Date and Loading Platform
- Country
- Loading Offloading Platform
- Installation Site in accordance with the specified needs, the realities on the ground, and the consistency of local Health priorities

.....

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- 4- *Date and Attestation of reception in view of a feedback to the Local CIMUVISA, the International CIMUVISA and the generous Sponsors or privileged Partners*

.....

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- 5- *Periodical Reports of Activities and follow-up of Performance Indicators for the purposes of necessary adjustments (Training or Maintenance for instance)*

.....

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CONCLUSION

- **December 18 : International Vital Emergency, Disasters, Health Vigilance and Migrants' Day**
- **THANK YOU FOR YOUR ATTENTION !**

- Our Motto**
- Access to Health Insurance and Urgent Care in Africa
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REGISTRATION FORM

Surname: Given name:

Address:

Postal Code: City: Country:

Email: Telephone:

Desire: ☐ TO JOIN

☐ RENEW MY REGISTRATION FOR THE YEAR: 20..... / 20.....

☐ ACTIVE MEMBER€

☐ BENEFACTOR MEMBER and ☐ HONORARY MEMBER€

SUPPORT FORM

I support CIMUVISA and I make a donation of:

☐ 35€ ☐ 50€ ☐ 100€ ☐ other amounts€

☐ Other donations: Medical Equipment – Medicines – Vaccines

☐ Other forms of donation promoting pedagogical projects and researches:

- Pedagogical tools
- Training contract for interns
- Sponsorships
- Scholarships for studies or training courses
- Cost of training courses and researches

IMPORTANT: As of now, donations made to CIMUVISA are tax-deductible. Therefore, if you are a taxpayer, the real cost for a donation of 100€ will be 25€ and the association will actually dispose of 100€ for the implementation of its projects.

PAYMENT IS POSSIBLE THROUGH:

- **Bank or Postal Check** to the order of CIMUVISA sent to the Mailing Address
- **Transfer :** ➔ **IN FRANCE:** CIMUVISA Account (BNP Paribas, Branch of Port Royal: Account N°10008077, Branch N°00164, RIB Key: 04, Code 30004)
➔ **IN TOGO:** Solidarity Fund Account (EVISA N° 903006452000141 BTIC Lomé TOGO)

PARTNERS OF CIMUVISA-ACP (*Non-exhaustive List*)

INSTITUTIONAL PARTNERS



SCIENTIFIC PARTNERS



INDUSTRIAL PARTNERS



TRANSPORT AND LOGISTICS PARTNERS

