

IT-based international diploma and professional certificates in
clinical toxicology (ITCT)

Erasmus + KA2 Project 561915-EPP-1-2015-1-EG-EPPKA2-CBHE-JP

Clinical toxicology Students perspectives

Dr. Mohamed Seif Eldin

Director of poison control administration,
Ministry of health and population, Egypt.



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Outlines

- Introduction
- Toxicology practice domain
- Knowledge gap
- Clinical toxicology education problems
- Usefulness of ITCT project
- Target students
- Dissemination sustainability activities



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Introduction

- Poisoning exposure is an increasingly public concern due to the progressive flooding of chemicals, pharmaceuticals and natural toxins in the international markets and people agglomerations.
- A problem that necessitate a fairly distributed integrated PCCs to save lives, limiting morbidity and mortality from poisoning, in addition to reduce health care costs, provided with competent front-line well educated healthcare professionals.



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Toxicology practice domains



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Domains



Occupational

**FOOD
AND NUTRITIONAL TOXICOLOGY**



Environmental Toxicology

Environmental health
toxicology

Ecotoxicology

as part of the EU funded EIP
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Clinical Toxicology

- Clinical toxicology, dealing with the **prevention, diagnosis and management** of poisoning, is no exception, being often thought of as a branch of **emergency medicine** and **intensive care** on the one hand, and of **clinical pharmacology** on the other.



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Knowledge gap

Assessment of medical crew **knowledge, attitude**
and **practices** on the initial management of acute
poisoning



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knowledge

- Culture stem from the academic based undergraduate education in the form of forensic toxicology deprived from any form clinical practice.

Attitude

- Negative toward poisoned patient with tendency to accelerate referral process to faraway university poison center.

Practices

- Malpractice whether by performing incomplete improper intervention.



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Clinical toxicology education problems

- Clinical toxicology education has been an entrenched problem in the medical field with scarce of educational institutes offering this scholar in the form of postgraduate degree to students only graduated from the same faculty whether medicine, pharmacy or nurse. Moreover to enduring physical attendance with full or part time emptiness and travel. A situation that impedes continuous education programs needed for frontline medical practice.



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Usefulness of ITCT project

- It offers an E-learning and e lab operational diploma debuted to expand knowledge capacity to diploma participants and to widen its outreach to remote and nomadic areas in Egypt, as well as, to other regional countries.
- Overcoming scholar discrimination and accepting physicians, pharmacists and nurses.
- Continuous education professional certificates in management of poison, medication errors and occupational health and safety.



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Target groups

- Postgraduates
- Health care professionals
- Pharmaceutical companies
- Forensic professionals
- Academics
- Occupational Health and safety departments in industries
- Nongovernmental organizations



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Dissemination Sustainability activities



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Strategy

- **Dissemination** management strategy executed by the project team(s) in order to reach the project's objectives, and to attain the progress made in the project's implementation.
- **Sustainability** aim to maintain autonomous function of the education system in a balanced fashion, in which the exploitation of resources, the direction of revenues, the orientation of technological development and enhance both current and future development



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As a part of this strategy and Objective

- To promote voluntary convergence of communication systems in the partner countries with the possibility of exchanging knowledge and individual experience among teachers, practitioners and students between EG and EU institutions.



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Action plan

- The participation will include the key actors in the project team as well as stakeholders and/or target groups if relevant (in particular for projects involving student/staff mobility and training)
- Building on ... network invited to attend seminars and workshops
- Companies invited as sponsors to the main events of the project



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Tools

- Conferences
- Seminars
- Workshops
- Forums
- Newsletters



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Message

- Debut E learning and e lab operational diploma management system to expand knowledge capacity to diploma participants and to widen the diploma outreach to remote and nomadic areas in Egypt
- Multidisciplinary diploma program for practitioners with medical or pharmaceutical background.
- Professional certificates in specific expertise
- Egypt Academic accreditation
- Exchange knowledge and individual experience among teachers, practitioners and students between EG and EU institutions



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IT-Based International Diploma
and Professional Certificate
in Clinical Toxicology

Partners:

Online Clinical Toxicology Diploma

Specialty:

Professional Certificates:

Management of Poisoning

Dissemination of Toxicology

Medication errors and patient safety

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Faculty of Pharmacy - Cairo University - 11562, Egypt
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