

ESQH workshop, Barcelona 20th October 2007



### Quality and ergonomics as professional requirements in the training programme for patient safety

Tommaso Bellandi, PhD, Eur.Erg.

Sara Albolino, PhD – Riccardo Tartaglia, MD, Eur.Erg.

[rischio.clinico@regione.toscana.it](mailto:rischio.clinico@regione.toscana.it)

### The center for Clinical Risk Management and Patient Safety

#### Mission

Promote the culture of risk communication and management, involving all the actors of the healthcare system in the initiatives for patient safety

#### Main Actions

Establish and develop the safety management system

Promote and develop patient safety campaigns

### Tuscany Regional Healthcare System

- The regional public healthcare system accounts for 3.5 millions citizens
- 3 wide area consortiums
- 16 Local Healthcare Units
- 50.000 employees
- 34 acute care hospitals and hundreds of local wards
- 15.000 beds for 650.000 in-patients per year



### Accreditation requirements for patient safety in Tuscany

Each local healthcare agency must have:

A safety management system

The Clinical risk manager

Patient safety facilitators in each ward

A training programme for patient safety

Patient safety campaigns

An information system for incident reporting and claims management



### The training programme

Tuscany Regional law 302/2005

#### Defines professional requirements:

Systems thinking, safety culture, healthcare quality theory and methods, basics of ergonomics, methods to measure-investigate-prevent risks, communication skills and management

#### Promotes training programmes for:

##### Clinical Risk Managers

Master course organized by Sant'Anna School of Advanced Studies [Pisa] and CRM centre [Florence]

(2 editions) Possibility to get the certification of European Ergonomist

##### Facilitators for patient safety

Professional courses (30 editions) organized by LHUs

### Who's the Clinical risk manager



She/He is an expert of ergonomics and quality. He has the responsibility to coordinate the local safety management system, to supervise the facilitators and to manage the adverse events data base.

#### Training programme

Target >> Senior physicians, nurses or psychologists

Duration >> 120 hours of classroom activities+ 6 weeks of practice

This shall be a postgraduate academic course, valid for the certification path to become an European Ergonomist as coherent with CREE standards.

Goal >> create a new professional figure, who is able to manage, coordinate and supervise the local initiatives for patient safety.

## Who are the Facilitators for patient safety



The facilitator is in charge of the incident reporting system at the ward level. She/he promotes reports, significant events and process analysis.

### Training programme

**Target** – physician or nurse recognized as reliable, competent and trustworthy at the ward level

**Duration** – 40 hours, postgraduate professional courses

**Goal** – enable professionals to organize and promote incident reporting and clinical audit, embracing a bottom-up approach based on the need to complement accreditation efforts

GRC

SS

## Master in Clinical Risk Management 2007

mc management-sanità



### Introduction

State of the art of patient safety in Italy and internationally

### Stage A – Exploring knowledge

Theoretical foundations of patient safety and core competences for the clinical risk manager

### Stage B – Understanding practice

The main activities for patient safety

### Stage C – Comparing experiences

International comparisons and networking

GRC

SS

## Master in Clinical Risk Management 2007

mc management-sanità



### Stage A – Exploring knowledge

Theoretical foundations of patient safety and core competences for the clinical risk manager

#### Module 1

Teambuilding and communication skills – 2 days outdoor experiential

#### Module 2

Organizational behaviours and development – 2 days lessons and case studies

#### Module 3

Ergonomics and human factors – 2 days lessons, case studies and usability tests

GRC

SS

## Master in Clinical Risk Management 2007

mc management-sanità



### Stage B – Understanding practice

The main activities for patient safety

#### Module 4

Clinical risk identification and measurement (incident reporting, claims and complaints evaluation, indicators applied to administrative data, patients report) – 3 days quality and safety lab

#### Module 5

Clinical incident investigation and critical processes analysis (OACM, SEA, RCA and FMEA) – 2 days and a half workshop, case and process analysis

#### Module 6

Risk prevention and control (good practices for infections control, ADE's prevention, falls prevention and patient identification; caring for the patients, family and clinicians after the harm) – 2 days workshop, quality and safety lab

GRC

SS

## Master in Clinical Risk Management 2007

mc management-sanità



### Stage C – Comparing experience

International comparisons and networking

#### Module 7

Study tour (UK, Denmark, France, USA) – 5 days visits for groups of 6

#### Project work

6 weeks individual workfield activity

#### Module 8

Presentation of the best project works – 1 day National conference

GRC

SS

## Master in Clinical Risk Management 2007

### Participants: 27

21 Medical Doctors (11 clinicians, 7 medical directors, 3 medicolegal doctors) 2 Registered Nurses, 2 Pharmacists, 1 Statistician, 1 insurance Broker

### Faculties:

Academic professors from 3 Italian and 3 European universities/agencies (UK, France, Denmark)

Expert Trainers of healthcare workers

Clinical risk managers, medical directors and LHUS' CEOs

**Main location:** Pisa → → →

**Directors:** Sabina Nuti and Riccardo Tartaglia.  
**Coordinators and tutors:** Francesco Nicolai, Manuele Bellonzi, Sara Albolino and Tommaso Bellandi.



GRC

SS

## Master in Clinical Risk Management 2008-2009

### Enhancing international partnership



Tuscany - Italy



Copenhagen - Denmark



London - England

