

# Teaching in interdisciplinary team work



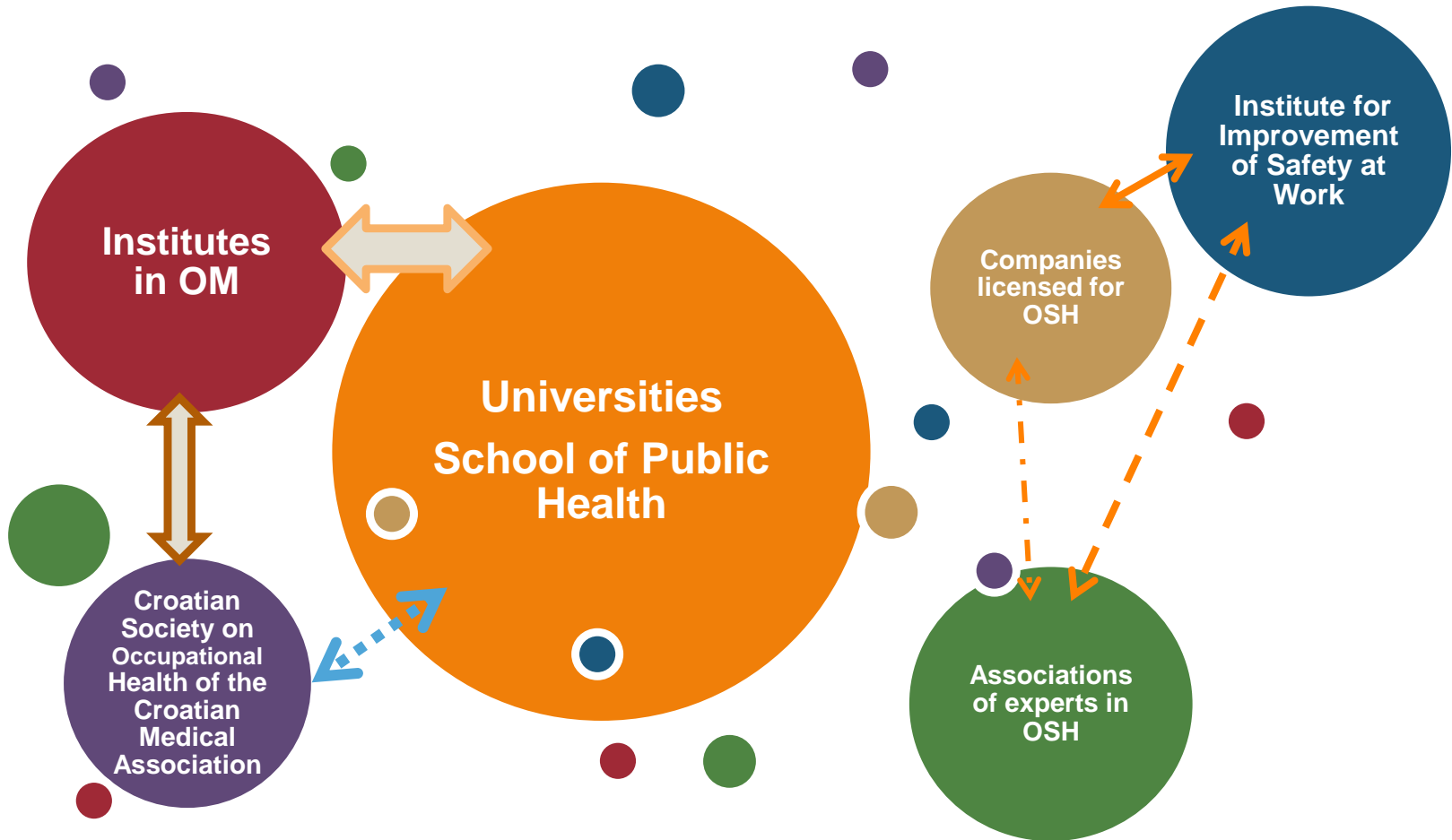
**CROATIAN INSTITUTE FOR HEALTH PROTECTION AND SAFETY AT WORK  
CHIPSW**

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# State of OSH in Croatia

- delivered by occupational physicians (OP = Occupational medicine specialist) and safety experts
- OP contracted with Croatian Health Insurance Fund (compulsory insurance)
- safety experts employed in OSH companies, in employer's safety at work department, or self-employed

# Education in OSH in Croatia



# Activities of the Institute

- post-graduate specialists studies for residents in occupational medicine and students
- courses for CME and CPD in the field of OSH
- developing educational tools
- disseminating information (workers' rep., trade unions, employers' associations, OPs..) so far no GP's!
- education of safety experts, students in vocational schools

# Main areas in OSH education covered by the Institute

## Health at work

- hazards at workplaces
- consequences of exposures
- vocational guidance
- rehabilitation
- criteria diagnosing OD
- workability evaluation
  - implementing health management system in a company

## Safety at work

- risk awareness and managing
- exposure risk assessment
- safe working environment
- promoting safe behaviours at workplaces
- implementing safety management system

**Health outcomes of exposures and measures of prevention (including safety)**

## CME and CPD: occupational physicians, residents and safety experts

Experts	CME and CPD topics	Number of participants
<b>Specialists in occupational medicine</b>	Occupational diseases diseases aggravated by work, Occupational toxicology, Radiation Manual handling of loads Psychosocial risks Safety at work, work environment, risk assessment, PPE, etc.	1440 (2008-2014)
<b>Residents in occupational medicine</b>	Maritime health Ionizing radiation and health protection	105 (2008-2014)
<b>Safety experts</b>	Protective gloves Working outdoors in low and high temperatures, Health risks in trade, Stress at work: sources, consequences and interventions, PPE	2152 (2009-2014)

# Multidisciplinarity in education

- WHO Global action plan for workers' health protection in EU region says:
  - Health protection and safety at work cannot be effectively developed without good legislative support
  - Institutes, their employees and infrastructure has to be strengthened on the principles of multidisciplinarity

# **CHIPSW model of interdisciplinary approach in providing education**

**The role in designing and providing a seminar:**

**Safety expert**

hazards  
risk assessment  
measurements  
measures

**Occupational physician**

exposure health effects  
health measures and  
surveillance  
prevention



- since 2012. seminars on 8 different topics and 4 are being developed
- a product of interdisciplinary collaboration of safety expert and occupational medicine specialist
- more than the half of seminars are provided in combination of a safety expert and a doctor
- evaluation is conducted after the seminar and after two years
- **ADDIE principles** are applied today in majority of activities

# Challenges we meet in teaching occupational medicine

- find resources for a **no-fee education** we offer
- **respect between professions** = doctors vs. safety experts, or psychologists or physiotherapist
- **age difference** between OPs
- **GP's** = lack of interest
- occupational health **nurses = non existent** profession
- education of workers = **health literacy**
- education of students = **lack of interest** for non-clinical teaching