HProImmune:
European project for the promotion of Immunization for health professionals

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On behalf of HProImmune group
HProImmune

3-year European project
co-funded by DG SANCO Public Health Program 2008–2013

Objective:
To **promote the vaccination of HCWs** in different health care settings by developing a tailored communication tool
Partnership

Main Partner:
• Institute of Preventive Medicine, Environmental and Occupational Health, Prolepsis, Greece

Associated Partners:
• National Institute of Infectious Diseases Prof Dr Matei Bals - Romania
• Nofer Institute of Occupational Medicine - Poland
• Mokymų Tyrimų ir Vystymo Centras - Lithuania
• Istituto Superiore Di Sanità - Italy
• Fundatia Romtens - Romania
• Cyprus University of Technology - Cyprus
• Technische Universität Dresden - Germany
• National Hellenic Nurses Association - Greece
• Hellenic Center for Disease Control and Prevention - Greece

Collaborating Partners:
• Occupational Health (OCH) WHO/EURO Centre for Environment and Health - Germany
• Health Protection Agency, Centre for Infectious Diseases – UK
Target groups:

1. Individual physicians and their assistants or nurses, mainly in primary care
2. HCWs in the hospital setting
3. Public health professionals and health care administrators
Transversal & Core Work Packages

WP1: Coordination
WP2: Dissemination
WP3: Evaluation

WP4: Overview of EU Health Professionals Immunization Status
WP5: Health Professionals’ Behaviors & Barriers towards Immunization
WP6: Best Practices for Immunization among HCWs in the EU
WP7: Development and piloting of HProImmune Toolkit
# Work Package 4

## Overview of EU Health Professionals Immunization Status

**Aim:** Agree on a list of infectious agents of interest for health care setting in order to prepare an overview of the situation regarding legislation, interventions, risk perception and incidence among HCWs

**Methods:**
1. Prioritization process on infectious diseases to be investigated
2. Collection of relevant literature, EU policies, legislation and recommendations

**Deliverable:**
State of the art report
Prioritization

- Adaptation of the WHO Delphi method used for periodically review of the list of disease priority for surveillance

- Criteria
  - Present burden of disease
  - Epidemic potential
  - Vaccination coverage and health promotion
  - Social and economic impact
Prioritization: First round

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<thead>
<tr>
<th>Ranking</th>
<th>Vaccine</th>
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<tr>
<td>1</td>
<td>Influenza</td>
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<td>MMR</td>
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<td>Pneumococcal disease</td>
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<td>9</td>
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## Prioritization: Second round

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<th>Poland</th>
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<td>Lithuania MTVC</td>
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Documents review

349 Documents

58 Guidelines
- Generic Hospital Infection Control Practices
- Generic HCW vaccination recommendations

105 Government documents
- Vaccination policies for HCWs
- Vaccination coverage data for HCWs

186 Journal articles
Documents review

The only vaccine for which vaccine coverage in HCW is broadly available

- Hepatitis B: 54
- Influenza: 321
- MMR: 38
- TB: 12
- Tdap: 23
- Varicella: 14
Documents review: articles

- Incidence: 43%
- Outbreak: 21%
- Educational programs: 34%
- Social impact: 1%
- Economic impact: 1%
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- Outbreak: 21%
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Work Package 5

Health Professionals’ Behaviors & Barriers towards Immunization

**Aim:** to explore risk perception, behaviors towards vaccination, barriers to the immunization of HCWs in the EU

**Methods:**
Focus groups in each partner country
On-line survey in MS countries

**Deliverable:**
Report on barriers to immunization
Next steps

- Collection of best practices among the participating countries (by September 2013)
- Preparation of the toolkit using the information collected in the other work packages (by Dec 2013)
- Distribution and promotion of the toolkit (by Jan 2014)
- Final meeting to prepare recommendations (Sept 2014)
HCWs Immunization promotion toolkit

• Individual health professionals, including:
  • Recommendations
  • WP4 database
  • Communication material
  • ECDC / VENICE registries

• Hospital administrators, PH professionals, including:
  • Recommendations
  • WP4 database
  • Communication material
  • ECDC / VENICE registries
  • Communication tools to reach HCWs
Thank you for your attention

For any information, please visit:
www.hproimmune.eu
Or contact Institute of Preventive Medicine
Environmental & Occupational Health, Prolepsis