



# UNA NUEVA HERRAMIENTA PARA POTENCIAR LAS COBERTURAS DE VACUNACION ANTIGRIPAL ENTRE LOS PROFESIONALES SANITARIOS

*Influenza vaccination campaigns of health care workers-  
can uptake be improved?*



Olivé, V., Quesada, S., Aldea, M., Tortajada, M., Llupià, A., Johansen, K.

# RAZONES PARA VACUNAR DE LA GRIPE A LOS TRABAJADORES DE LOS CENTROS SANITARIOS

Protección de ...

- Pacientes
- Trabajadores
- Otros contactos (familiares ...)



→ En los pacientes de riesgo la eficacia protectora de la vacunación es limitada

→ ¿Es la vacunación una cuestión de ética profesional ?

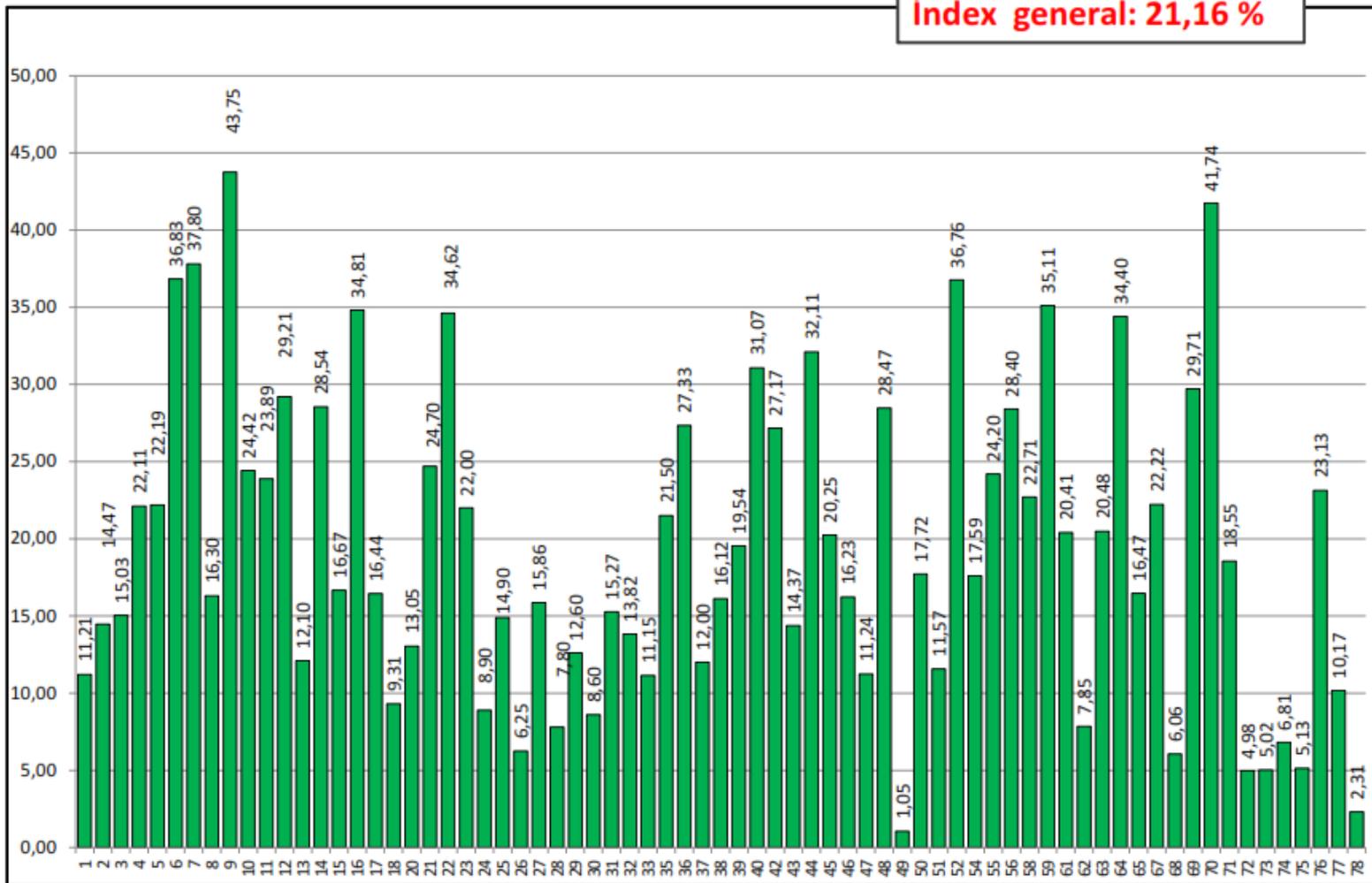
## BROTOS NOSOCOMIALES:

- El día 15 de Enero del 2017 se notificaron 5 personas afectadas por gripe en la sala de nefrología del Hospital Clínic de Barcelona.
- En el curso de la investigación se detectaron un total de 8 pacientes afectados de los 56 ingresados.
- Además se detectó un caso entre el personal sanitario, el cual no estaba vacunado.
- En los 9 casos se aisló virus influenza A subtipo H3N2.
- Todos los pacientes tenían al menos un factor de riesgo, siendo el trasplante renal el motivo del ingreso en el 55,56%.
- El paciente considerado como caso índice había ingresado en la unidad el día 4 de Enero.
- El caso primario se consideró el profesional sanitario.
- Las tasas de vacunación fueron: **profesional sanitario del servicio de nefrología 26,96%**; casos 33,33% y pacientes expuestos no casos 37,78%.

Registro:

72 centros sanitarios con 85.222 profesionales. Vacunas administradas: 18.031 ; índice de vacunación: **21,16 %**.

**Índex general: 21,16 %**



Registre vacunació grip personal sanitari

Campanya 2016-17

5.06.2017

# LINEAS ESTRATÉGICAS CLÍNIC

## New interventions to increase influenza vaccination rates in health care workers

Anna Llupià, MD, MPH,<sup>a</sup> Alberto L. García-Basteiro, MD,<sup>a</sup> Victoria Olivé, MD,<sup>b</sup> Laura Costas, MD, MPH,<sup>a</sup> Jose Ríos,<sup>c</sup> Sebastiana Quesada, RN,<sup>b</sup> Pilar Varela, MD,<sup>b</sup> Jose M. Bayas, MD, PhD,<sup>a</sup> and Antoni Trilla, MD, PhD<sup>a</sup>  
Barcelona, Spain

1. Mejorar de la accesibilidad: anunciar y reforzar la unidad móvil y consulta de SL sin esperas.
2. Soporte institucional explícito.
3. Correos electrónicos semanales con mensajes educativos. Formación.
4. Incentivos.
5. Promoción entre iguales: Role modelling.





# Virtual Academy (EVA)

- HOME
- LEARNING PLANS
- REPORTS
- COURSE CATALOGUE
- CALENDAR
- ABOUT

## Online users

(last 5 minutes)

- Victoria Olive
- Marion Muehlen

## Course categories

- Open courses
- Courses to restricted audiences
- Fellowship Programme
- All courses ...

Welcome to EVA,  
the online learning platform of the  
European Centre for Disease Prevention and Control



### OPEN COURSES



### RESTRICTED COURSES



### FELLOWSHIP PROGRAMME





# Virtual Academy (EVA)

[HOME](#)[LEARNING PLANS](#)[RECORD OF LEARNING](#)[PERFORMANCE](#)[REPORTS](#)[COURSE CATALOGUE](#)[CALENDAR](#)[ABOUT](#)

Dashboard ▶ My Learning

Customise this page

### Last Course Accessed

## Influenza vaccination of health care workers - can uptake be improved?

Wednesday, 10 May 2017 at 09:46 AM

### My Learning

[Learning Plans](#)

[Bookings](#)

[Record of Learning](#)

### Navigation

#### Dashboard

[Home](#)

▶ [Site pages](#)

▼ [My courses](#)

▶ [Flu vaccination HCW](#)

### Current Learning



## Influenza vaccination of health care workers - can uptake be improved?

Not yet started

Displaying 1 - 1 of 1 results

### Latest badges

You have no badges to display

### Upcoming events

There are no upcoming events

[Go to calendar...](#)

[New event...](#)

### Latest news

[Abstract writing and reviewing online course starting today!](#)

20 Apr, 10:44 Rodrigo Filipe

[Happy New Year](#)

10 Jan, 15:23 Liliya Todorova-Janssens

[EVA upgrades](#)

4 Nov, 10:09 Liliya Todorova-Janssens

[Older topics ...](#)



## Welcome to the course

Dear course participants,

This course has been developed since seasonal influenza vaccination of health care workers (HCWs) is recommended in Europe but vaccination uptake remains low in most countries.

A survey conducted in 2016 by a public health research network engaging researchers in all EU/EEA countries\* revealed that vaccine uptake varies significantly between and within countries. No country in the EU/EEA lives up to the recommended 75% of all HCWs and some only vaccinate less than 5%. And more than 10 countries could only report uptake in the elderly and not among HCWs.

During the course information about influenza disease, protection against influenza, tools to assess vaccine uptake and barriers to vaccination as well as stimulating examples of successful campaigns will be presented.

It is our hope that after completion of this course a community of vaccination campaign organizers will be slowly built in Europe that can help inspire each other to create informative and effective seasonal influenza vaccination campaigns year after year.

Good luck

Kari Johansen

(on behalf of the EVA team)

*Acknowledgements:* ECDC wishes to express a special thank you to the influenza vaccination campaign teams at Hospital Clinic in Barcelona, Spain and Liverpool HC Trust, NHS, United Kingdom for their generosity with their time for interviews and campaign materials. In addition, ECDC wishes to convey special thanks to Stanley Plotkin, Editor of the reference book Vaccines and John Watson, Deputy Chief Medical Officer of UK contributing their professional experiences with influenza, influenza vaccines and antivirals to the course.



Outline of course



Course Announcements



Frequently Asked Questions (FAQ)



Report a technical problem



## Outline of course

### Outline of course

#### Course objectives

1. Learn how to assess and improve uptake of seasonal influenza vaccination
2. Learn how to plan and design a seasonal influenza campaign for HCW?s

*The course contains the following seven modules:*

1. Introduction
2. Influenza disease
3. Protection against influenza
4. Assessing vaccination policy , practices and uptake
5. Planning vaccination campaigns
6. Designing vaccination campaigns - examples
7. Lessons learned and next steps.



# Frequently Asked Questions (FAQ)

## Course administration questions

### **Q 1.1: Is this course for me?**

A: You will benefit from this course if you are responsible for planning, designing, monitoring and evaluating seasonal influenza vaccination or other vaccination campaigns targeting health care workers.

### **Q 1.2: How many participants will this course have?**

A: This first edition of the course will be offered to a limited number of pilot participants. It will be open by invitation only including to the participants to the *Influenza vaccination campaign of healthcare workers* workshop for EU/EEA national focal points to be held in Stockholm October 6-7, 2016.

### **Q 1.3: What is the course availability?**

A: This course is self-paced which means it is available at any time and at your own speed. You choose in which order you wish to do the course modules. You can also revisit the modules as many times as you choose.

### **Q 1.4: What is the estimated time to complete the course?**

A: We estimate that the time needed to complete the course is about 90 to 120 min.

### **Q 1.5: Is the course moderated?**

A: No moderation of the course is available. There are several exercises suggested for you to undertake in the different course modules. No feed-back will be provided on your results. However participants are encouraged to long-term interact and share best practices with each other in the discussion forum available in the final module. When possible ECDC experts and other experienced European experts will interact with course participants in this forum.

### **Q 1.6: Will the participants receive a certificate?**

A: Certificates of achievement will be issued at the end of course if the participant completed all theoretical modules with its quiz questions and the course satisfaction survey. This is monitored electronically in the learning management system we utilize. This course is not formally accredited.

## Content related questions

### **Q 2.1: Is any previous experience in organizing or planning for seasonal influenza vaccination campaigns required?**

A: No previous experience is required.

## Technical questions

### **Q 3.1: I'm getting too many emails from EVA. What can be done?**

A: In an active day course participants can generate a lot of mail traffic and this litters the mail boxes with numerous messages.

## 1. Introduction - what can you expect?

This module will present the outline of the course and give you a first teaser to the course content listening to a presentation of an effective and inspiring seasonal influenza vaccination campaign.

This module takes approximately 10 minutes to complete.

-  Before you begin
-  Meet and greet
-  Introduction

## 2. Influenza disease

This module will present how influenza can be a mild disease in some and a very severe disease in others.

This module takes approximately 15 minutes to complete.

-  Influenza disease
-  A Sneeze - video
-  Flunews Europe
-  ECDC Annual Epidemiological Report season 2014/15

## 3. Protection against influenza

This module will describe why vaccination provides the best protection against influenza but also other counter measures are presented.

This module takes approximately 15 minutes to complete.

-  Protection against influenza
-  Influenza, an Unpredictable Threat - video



## 4. Assessing vaccination policy, practices and uptake

This module will describe how to identify available vaccination policy and analyse vaccination practices, uptake and possible barriers/motivators to vaccination in your health care setting.

It contains several exercises developed for you to start assessing and thinking about what could be done in your health care setting.

This module takes approximately 20-30 minutes to complete.

-  Assessing vaccination policy, practices and uptake
-  2009 EU Council recommendation on seasonal influenza vaccination
-  2011 ECDC Meeting report Understanding the behavioural aspects and the role of health communication in mitigating the impact of seasonal influenza
-  2013 ECDC Review of the scientific literature on drivers and barriers of seasonal influenza vaccination coverage in the EU/EEA
-  2014 ECDC Technical report Implementation of the Council Recommendation on seasonal influenza vaccination (2009/1019/EU)
-  2014 HProImmune - Project reports
-  2015 WHO Tailoring Immunization Programmes for Seasonal Influenza (TIP FLU)
-  2016 WHO Methods for assessing influenza vaccination coverage in target groups
-  2016 ECDC Technical report Seasonal influenza vaccination and antiviral use in Europe

## 5. Planning vaccination campaigns

This module will describe how to organize a vaccination campaign from the first steps to procure vaccine, make vaccination available to staff and monitor who is vaccinated.

It contains several exercises developed for you to start assessing and thinking about what could be done in your health care setting.

This module takes approximately 20-30 minutes to complete.

-  Planning vaccination campaigns
-  ECDC Communication toolkit - targeting health care workers and risk groups
-  UK NHS Flu fighter materials



## 6. Designing vaccination campaigns

This module will present options for influencing a change in vaccination uptake. Options for designing campaigns discussed are appeal to head, appeal to heart, challenge staff myths, clear call to action and ways to reinforce the message.

This module takes approximately 15 minutes to complete.

-  [Designing vaccination campaigns](#)
-  [Example materials from Liverpool HC Trust, United Kingdom](#)
-  [Example material from Hospital Clinic in Barcelona, Spain](#)

## 7. Lessons learned and next steps

This module presents a model to monitor the on-going campaign, assess the outcome and adjust the next campaign. It ends with a short presentation of the discussion forum that is available for all participants of the course. This discussion forum will stay open long-term to enable old and new course participants to interact ahead of new vaccination campaigns to be initiated each year.

The module takes approximately 15 minutes to complete.

-  [Lessons learned and next steps](#)
-  [Sharing experiences on influenza vaccination campaigns for health care workers](#)

In this discussion forum we invite course participants to continue discussing and share best practices in how to conduct effective and inspiring seasonal influenza vaccination campaigns targeting HCWs.

Several discussion topics will be initiated by the ECDC team but feel free to open new discussion topics when relevant.

Topics already initiated concern

- assessing barriers and motivators to vaccination
- tips for developing an electronic immunization registry
- tips for myth busting
- influencing change in behaviour among HCWs
- tips of new scientific work relevant to the targeted vaccination programmes for HCWs



---

## Post-course activities



Course satisfaction survey



Course completion certificate





... A partir del 20 de junio :

1. please go to <https://eva.ecdc.europa.eu/>
  2. log in with your password and username. Insert them in the registration window below (circled in red) press sign in.
  3. If you have forgotten your password you can reset/change it by pressing the respective button (circled in blue)
  4. if you experience difficulties please contact ICT help Desk for assistance at: [ICT.FrontOffice@ecdc.europa.eu](mailto:ICT.FrontOffice@ecdc.europa.eu)
- **You are not registered in EVA but have access to other ECDC platform such as Extranet, Tessy, etc.**
    1. please go to <https://eva.ecdc.europa.eu/>
    2. log in with the username and password that you **already have** for the other ECDC application. ECDC uses "single sign on" and passwords/usernames are valid for all applications. Insert them in the registration window below (circled in red) and press sign in.
    3. If you have forgotten your password you can reset/change it by pressing the respective button (circled in blue)
    4. if you experience difficulties please contact ICT help Desk for assistance at: [ICT.FrontOffice@ecdc.europa.eu](mailto:ICT.FrontOffice@ecdc.europa.eu)
  - **You are not registered in EVA and don't have access to any other ECDC application**
    1. please go to <https://eva.ecdc.europa.eu/>
    2. Press "Create new user" see window bellow (circled in green)

Sign In

 **Login**

Type your user name and password

User name:

Password:

Forget your password or want to change it?

Create new user  
A self-registered user can only have access to limited ECDC resources, while other resources will require ECDC's authorisation.



Browser address bar: <https://eva.ecdc.europa.eu>

Navigation menu: HOME | LEARNING PLANS | REPORTS | COURSE CATALOGUE | CALENDAR | ABOUT

Online users: (last 5 minutes)  
Victoria Olive  
Manon Muehlen

Course categories:  
Open courses  
Courses to restricted audiences  
Fellowship Programme  
All courses ...

Welcome to EVA,  
the online learning platform of the  
European Centre for Disease Prevention and Control

OPEN COURSES | RESTRICTED COURSES | FELLOWSHIP PROGRAMME

Log in

ecdc Virtual Academy (EVA)

Navigation menu: HOME | LEARNING PLANS | RECORD OF LEARNING | PERFORMANCE | REPORTS | COURSE CATALOGUE | CALENDAR | ABOUT

Dashboard ▶ My Learning

Last Course Accessed

**Influenza vaccination of health care workers - can uptake be improved?**

Wednesday, 10 May 2017 at 09:46 AM

Current Learning

**Influenza vaccination of health care workers - can uptake be improved?**

not yet started

Displaying 1 - 1 of 1 results

My Learning



[https://www.youtube.com/watch?v=\\_ry3LxzsmkNk](https://www.youtube.com/watch?v=_ry3LxzsmkNk)