

# Vaccination in Community Pharmacies

## THE PORTUGUESE EXPERIENCE

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Associação Nacional das **Farmácias**

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*Rencontres sur la grippe et sa prevention*

# AGENDA

Portuguese Community Pharmacies



Advantages of Pharmacy-Based  
Immunization Delivery



International Overview



The Portuguese Experience



Barriers



Opportunities



Final Remarks



# Portuguese Community Pharmacies



≈ 10 million  
inhabitants



2 900  
pharmacies

anf

95%  
pharmacies  
voluntary  
affiliated to  
ANF



anf

# Portuguese Community Pharmacies



CATOLICA  
CESOP - CENTRO DE ESTUDOS  
E SONDAgens DE OPINIÃO

CESOP Population-based door-to-door survey in Portugal, 2016

95%



visited the pharmacy  
during the previous year



94%

satisfied or very satisfied



36%

pharmacy was the **FIRST**  
**SOURCE OF INFORMATION**  
for a **MINOR AILMENT**



54%

pharmacy was the **FIRST**  
**SOURCE OF INFORMATION**  
for questions about  
**MEDICINES**

# Advantages of Pharmacy-Based Immunization



**Accessibility and geographical distribution**



**Convenience**



**Extended hours of operation**



**Qualified immunization providers**



**Trust**

# International Overview

## Vaccination in Europe



Pharmacists have an **increasing role in advising on, and administering vaccines** for 'flu and other vaccine-preventable illnesses.

In some countries shingles, **pneumococcal and travel vaccines** are already available from a **pharmacy**.

**In 10 countries** in Europe **pharmacists contribute** to a significant advancement towards the **EU target of vaccinating 75%** of at risk groups against influenza.



Ireland



United Kingdom



Portugal



Switzerland



France



Denmark



Sweden



Norway



Finland



Greece

# International Overview

An overview of current pharmacy impact on immunization



**940  
million people**

**193,000  
community-  
pharmacies**

**Potentially offer  
access to  
vaccination  
services**

**Vaccination  
policies vary  
across the world**

**Several countries  
authorize  
vaccination in  
pharmacies  
and/or by  
pharmacists**

**Initiated, with  
pharmacy-based  
vaccinations  
against influenza**

**Expanded to  
include other  
vaccines**

**Associated with  
specific  
requirements**

# The Portuguese Experience



2007

**New legislation** allowing pharmacies to **expand their scope of activity** onto new áreas such as immunization

Pharmacies can admnister vaccines vaccines not covered by National Vaccination Plan

2008

**Study on Patients' Satisfaction** with the first Pharmacy-Based Influenza Immunization Campaign by CEFAR

**1st Nationwide Pharmacy-Based Influenza Immunization Campaign**

**Training programme** based on the APhA Certificate Training Programme, intervention model and recommendations **developed by ANF**

2009-2016

**Annual Nationwide Pharmacy-Based Influenza Immunization Campaign**

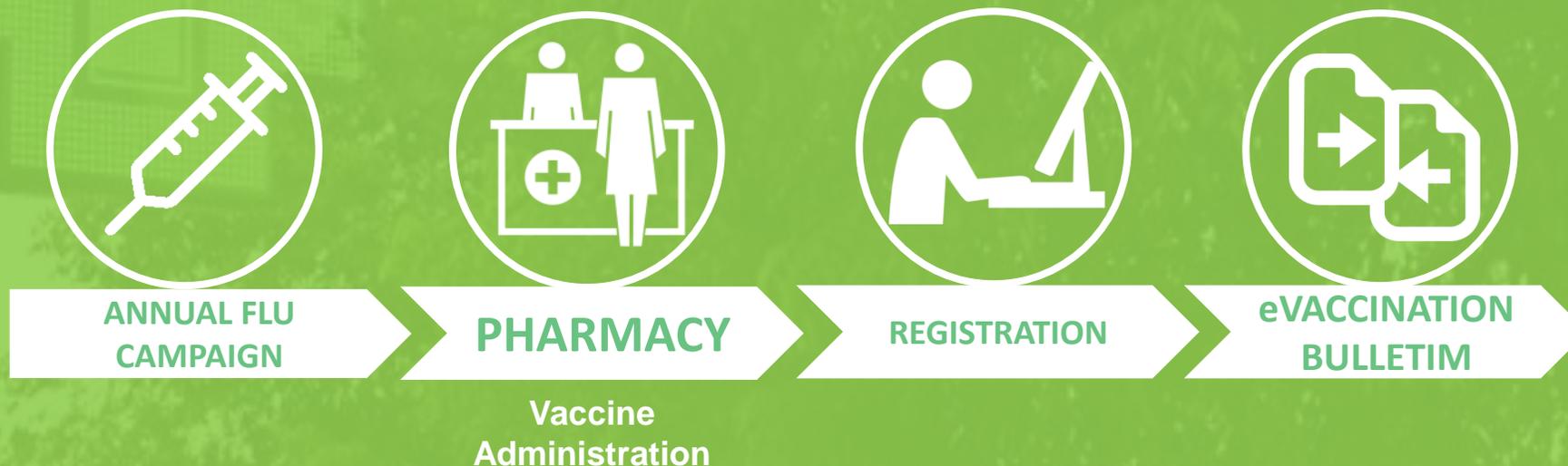
2017

**10th Nationwide Pharmacy-Based Influenza Immunization Campaign**



# The Portuguese Experience

2017



Vaccination record data registered on the pharmacy informatic system **automatically integrated on the e-VACCINATION BULLETIN** of the Patient Health Data Platform

# The Portuguese Experience

## General Context



**> 2,260 Portuguese pharmacies**  
are providing vaccination services

**> 78% of all pharmacies**

**> 3,700 Pharmacists are certified** by the  
Portuguese Pharmaceutical Society

# The Portuguese Experience

## Requirements



### Who executes?

**Pharmacists** (specific training endorsed by the Portuguese Pharmaceutical Society)  
**Nurses** (exclusive and specifically hired to perform this task)



### Certification

In 2013, Guidelines issued by the Portuguese Pharmaceutical Society, establish minimum requirements for accreditation of initial training and also for recertification training To provide the service:

1. Complete initial training
2. Complete recertification training every 5 years
3. Evidence of continued activity
4. Certification on Basic Life Support also necessary

ANF training model fulfilled all the new requirements for Pharmaceutical Society certification



### Equipment and materials

Materials to professional support and to treat an anaphylactic event

# The Portuguese Experience

## Requirements



The screenshot displays the SIFARMA software interface for a pharmacy. The main window is titled "Registo de Administração de Medicamentos" (Medication Administration Record). The form is divided into several sections:

- Dados da Administração:** Includes fields for "Data" (26-09-2017), "Hora" (16:20), "Quem Admin." (sif2000), "Via Admin." (Via intramuscular), and "Reacção Analifática" (Não).
- Dados do Utente [F10]:** Includes fields for "Utente" (highlighted with a black box), "Dt. Nasc.", "Nº SNS" (202303444), and "Sexo".
- Dados do Produto [F5]:** Includes fields for "Código" (8650309), "Istivac x1 susp ini seringa pré-cheia", "Dose", and "Lote".
- Observações:** A text area for additional notes.

The interface also shows a menu bar at the top with options like "Atendimento", "Gestão de Encomendas", "Recepção de Encomendas", "Gestão de Lotes por Factorar", "Gestão de Utentes", "Gestão de Produtos", and "Sair". A sidebar on the left contains various navigation buttons and a search bar. The bottom of the screen shows a taskbar with the SIFARMA logo and system tray icons.

## Vaccination records

### Mandatory

Pharmacists do electronic records on the informatic system - SIFARMA

- 1 Patient name, age and sex
- 2 Number of the national health system
- 3 Trade name vaccine
- 4 Vaccine Lot
- 5 Route of administration
- 6 Date of administration
- 7 Name who administered

# The Portuguese Experience

## Communication Tools



TV spot



Poster and leaflets





# The Portuguese Experience

Where Do We Stand now?



**> 78% of all pharmacies** involved in flu vaccinations

**≈ 600.000 flu vaccines** delivered annually by pharmacies

**40% of the Portuguese Citizens** prefer to be immunized in pharmacies



Estimated that pharmacies **contributed with 1/3 in flu vaccination coverage**

**Significant number of patients prefer pharmacies over public services**, despite uneven conditions

**Vaccination record data** from the pharmacy informatic system **automatically registered on the e-Vaccination Bulletin** of the Patient Health Data Platform





# Barriers



**Inequalities** regarding patient preferences

Government decided to provide **free vaccines and administration, without prescription, at public services** for 65-year-old patients since 2012/13 season and for diabetics since 2017/18

Patients have to get a prescription and to co-pay flu vaccine and full pay administration at pharmacies

**Lack of coordination** between public services and pharmacies undermines efforts to larger coverage

**Proper share of knowledge and information**

**Vaccines shortages**



# Opportunities



**Pharmacies are available to cooperate** in Public Health needs, namely vaccination

**Pharmacists** are health professionals with **appropriate skills** and can reinforce their competencies

**New technologies can leverage closer cooperation** between health professionals and allow achievement of shared goals

**Vaccination** against influenza **among people aged 65+ has fallen** in many countries

# Final Remarks

## Why community pharmacies?



Valuable healthcare resource



Patient's preference for Pharmacies



Highly Qualified Professionals



Adequate premises and equipment



Acessibility



Convenience and proximity



Safe and high-quality primary care services meeting the needs of the population and to improve health outcomes



National Association of Pharmacies (ANF)

Merci pour votre attention!

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Serviços Farmacêuticos 

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