The public health value of vaccination for seniors
Prevent the preventable

In Europe the proportion of 60+ is rising rapidly.

- in 2000 ~1 in 5 Europeans
- in 2015 ~1 in 4 Europeans
- in 2050 ~1 in 3 Europeans

More than 50% have multimorbidity. 60+ are at increased risk and severity of infectious diseases

Invasive Pneumococcal Disease

Over 20,000 cases in EU, predominantly in seniors.

Vaccination can help reducing the severity of diseases and the incidence of complications.

VACCINES AVAILABLE FOR SENIORS

- INFLUENZA
- ZOSTER
- BOOSTERS
  - DIPHTHERIA TETANUS PERTUSSIS
- PNEUMOCOCCAL DISEASE

Vaccination coverage rate in children compared to seniors.

~95% achieved

~45% achieved

Seniors should be vaccinated against infectious diseases at the same level as children.

38,500 annual premature deaths, in EU. More than 90% occur in seniors.

1.7 million new cases each year, in EU.

More than 40% of over 60 year-olds who have had zoster suffer from post-herpetic neuralgia, the most frequent and debilitating complication.

Infectious diseases, especially when chronic diseases are present, can disrupt a fragile equilibrium in seniors...\(^\text{10}\)... and lead to functional decline, loss of autonomy and death.\(^\text{11}\)


Information provided by Sandi Pasteur MSD

\(^\text{NCDs}:\) Non Communicable Diseases also known as chronic diseases. The 4 main types of non-communicable diseases are cardiovascular diseases (like heart attacks and stroke), cancers, chronic respiratory diseases such as chronic obstructed pulmonary disease and asthma and diabetes.
The public health value of vaccination for seniors
Did you know?
People aged 60+ are more at risk for infectious diseases due to ageing and comorbidities.

Did you know?
The difference in vaccine coverage rates between children and seniors.

Seniors should be vaccinated against infectious diseases at the same level as children population

Did you know?
The burden of infectious diseases in seniors

† Flu
38,500 annual premature deaths in EU. More than 90% occur in seniors.1

‡ Zoster
1.7 million new cases each year, in EU. Accelerates functional decline.2

§ Invasive Pneumococcal Disease
Over 20,000 cases in EU in 2012, predominantly in seniors.3


ECONOMICAL & SOCIAL IMPACT
MORTALITY
CONSEQUENCES OF VACCINE PREVENTABLE DISEASES IN SENIORS
COMPLICATIONS FROM NCDs*
HOSPITALISATION OR INSTITUTIONALISATION
INTERFERENCES ON ACTIVITIES OF DAILY LIFE AND FUNCTIONING LOSSES OF AUTONOMY

INFLUENZA
ZOSTER
VACCINES AVAILABLE FOR SENIORS
BOOSTERS
PNEUMOCOCCAL DISEASE

Seniors should be vaccinated against infectious diseases at the same level as children population

~95%a achieved4
a. Overall vaccination coverage of 1-year-old children against Diphtheria-Tetanus-Pertussis (96%) and measles (94%) in Europe.

~45%b achieved5
b. Median influenza vaccine coverage in seniors ages 65 and over in 24 European countries (range from 1% to 77% in 2012-13).


*NCDs: Non Communicable Diseases also known as chronic diseases. The 4 main types of non-communicable diseases are cardiovascular diseases (like heart attacks and stroke), cancers, chronic respiratory diseases (such as chronic obstructed pulmonary disease and asthma) and diabetes.