



THE ROLE OF ADULT VACCINATION AS PART OF HEALTHY AGEING



WHAT IS HEALTHY AGEING?

HEALTHY AGEING

the process of developing and maintaining the functional ability that enables well-being in older age¹



BY **2050**,
ROUGHLY **34%** OF
EUROPE'S POPULATION
WILL BE AGED OVER 60²



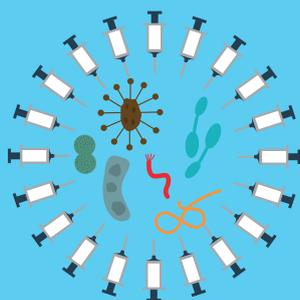
23%
OF DISEASE
GLOBALLY OCCURS
IN THOSE AGED >60³

OBSTACLES
TO REDUCING
THE HEALTH
BURDEN
OF OLDER
ADULTS
INCLUDE:

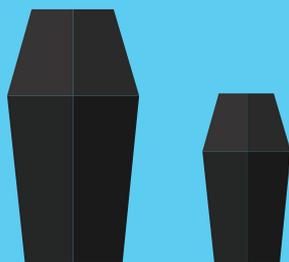
**DIFFERING
GLOBAL
HEALTH
PRIORITIES
AGEISM
POOR
PREPAREDNESS
OF HEALTH
SYSTEMS³**



THE BURDEN OF VACCINE PREVENTABLE DISEASES



THERE ARE APPROXIMATELY
~20 VACCINES
AVAILABLE TO PROTECT AGAINST
A RANGE OF SERIOUS DISEASES⁴



VACCINE PREVENTABLE
DISEASES KILL
~350 X MORE
ADULTS THAN CHILDREN⁵



ADULTS **65 YEARS AND
OLDER ACCOUNT FOR
~88% OF DEATHS** ATTRIBUTED
TO **PNEUMONIA
AND INFLUENZA⁶**

WHY ARE WE IGNORING THE ROLE OF VACCINATION?



ONLY 36%
OF ADULTS HAVE HAD
VACCINATION
RECOMMENDED TO THEM⁷



IN EUROPE, ONLY 10% OF OLDER
ADULTS **VACCINATED AGAINST
PNEUMOCOCCAL
INFECTION**
VS 60% IN THE USA^{8,9}

OVERCOMING BARRIERS TO ADULT VACCINATION

MOST ADULTS WOULD RECEIVE THE
INFLUENZA OR PNEUMOCOCCAL VACCINE
**IF RECOMMENDED
BY THEIR HCP¹⁰**



~1.7 MILLION
INFLUENZA CASES WOULD BE
AVERTED EVERY YEAR
IN THE EU IF THERE WAS
75% VACCINE COVERAGE¹¹



References: 1. World Health Organization. World Report on Ageing and Health 2015. Available at: <http://who.int/ageing/publications/world-report-2015/en/> Last accessed: December 2015. 2. WHO. Global Strategy and Action Plan on Ageing and Health: consultation. Available at: <http://who.int/ageing/global-strategy/GSAP-ageing-health-draft.pdf?ua=1> Last accessed: December 2015. 3. Prince, M, et al. The burden of disease in older people and implications for health policy and practice. *Lancet*. 2015;385:549-62. 4. World Health Organization. Vaccine-preventable diseases. Available at: <http://www.euro.who.int/en/health-topics/disease-prevention/immunization/vaccine-preventable-diseases>. Last accessed: Sep 2015. 5. Poland, G.A., R.M. Jacobson, and I.G. Ovsyannikova. Trends affecting the future of vaccine development and delivery: the role of demographics, regulatory science, the anti-vaccine movement, and vaccinomics. *Vaccine*. 2009. 27:3240-4. 6. Centers for Disease Control and Prevention. Estimates of deaths associated with seasonal influenza - United States, 1976-2007. *MMWR Morb Mortal Wkly Rep*. 2010. 59:1057-62. 7. Ozisik L, et al. Perceptions and attitudes of patients about adult vaccination and their vaccination status: still long way to go? Poster presentation at 14th European Congress of Internal Medicine (EFIM) 14-16 October 2015. 8. Centers for Disease Control and Prevention. Vaccination Coverage Among Adults, Excluding Influenza Vaccination - United States, 2013. *MMWR Morb Mortal Wkly Rep*. 2015. 64: 95-102. 9. Lode H, Ludwig E, Kassianos G. Pneumococcal Infection - Low Awareness as a Potential Barrier to Vaccination: Results of a European Survey. *Adv Ther*. 2013. 30:387-405. 10. Johnson DR, Nichol KL, Lipczynski K. Barriers to adult immunization. *The American Journal of Medicine*. 2008. 121:528-535. 11. Preaud et al. Annual public health and economic benefits of seasonal influenza vaccination: a European estimate. *BMC Public Health*. 2014;14:813.