

Documenti utili e referenze bibliografiche

Raccomandazioni nazionali e internazionali e regolamenti legislativi

Immunization action coalition. Healthcare personnel vaccination recommendations. 2007.

Gunson Rn, Shouval D, Roggendorf M, Zaaier H, Nicholas H, Holzmann H, Et Al. Hepatitis B Virus (Hbv) And Hepatitis C Virus (Hcv) Infections In Health Care Workers (Hcws): Guidelines For Prevention Of Transmission Of Hbv And Hcv From Hcw To Patients. J Clin Virol 2003 Aug;27(3):213-30.

Kok G, Van Essen Ga, Wicker S, Lluipia A, Mena G, Correia R, Et Al. Planning For Influenza Vaccination In Health Care Workers: An Intervention Mapping Approach. Vaccine 2011 Nov 3;29(47):8512-9.

WHO. WHO recommendations on pandemic (h1n1) 2009 vaccines. Pandemic (h1n1) 2009 briefing note 2. 2014.

WHO. Resolution wha 56.19. Prevention and control of influenza pandemics and annual epidemics. Fifty-sixth world health assembly . 19-5-2003. Geneva.

Decreto legislativo n. 626 del 19/09/94 (gazzetta ufficiale n° 265 del 12/11/94 - supplemento ordinario n° 141). 19-9-1994.

Decreto legislativo 9 aprile 2008 , n. 81 attuazione dell'articolo 1 della legge 3 agosto 2007, n. 123, in materia di tutela della salute e della sicurezza nei luoghi di lavoro. 2008.

Testo Unico sulla salute e sicurezza sul lavoro. D.lgs. 9 aprile 2008, n. 81. (gazzetta ufficiale n.101 del 30 aprile 2008 - suppl.ordinario n.108). 2008.

Piano Nazionale Prevenzione Vaccinale (PNPV) 2012-2014. Roma, Italy; 2012.

Advisory Committee On Immunization Practices (ACIP). Recommended adult immunization schedule: United States, 2013. Ann intern med 2013 feb 5;158(3):191-9.

Consiglio dell'Unione Europea. Direttiva 89/391/CEE, concernente l'attuazione di misure volte a promuovere il miglioramento della sicurezza e della salute dei lavoratori durante il lavoro. Gazzetta ufficiale n. L 183[29/06/1989], 0001-0008. 12-6-1989.

Consiglio dell'Unione Europea. Dir. 90/679/CEE del 26 novembre 1990. Direttiva del consiglio relativa alla protezione dei lavoratori contro i rischi derivanti da un'esposizione ad agenti biologici durante il lavoro (settima direttiva particolare ai sensi dell'articolo 16, paragrafo 1, della *direttiva 89/391/cee*). 26-11-1990.

Baussano I, Bugiani M, Carosso A, Mairano D, Pia B, Tagna M, et el. Risk of tuberculin conversion among healthcare workers and the adoption of preventive measures. Occup Environ Med 2007 mar;64(3):161-6.

CDC. Immunization of health-care workers: recommendations of the advisory committee on immunization practices (ACIP) and the hospital infection control practices advisory committee (hicpac). Mmwr recomm rep 1997 dec 26;46(rr-18):1-42.

CDC. Interim guidance on infection control measures for 2009 h1n1 influenza in healthcare settings, including protection of healthcare personnel. Cdc 2010 July 15 [cited 2011 sep 5];available from: url: http://www.cdc.gov/h1n1flu/guidelines_infection_control.htm

CDC. Immunization of health-care personnel: recommendations of the advisory committee on immunization practices (ACIP). MMWR Recomm rep 2011 Nov 25;60(rr-7):1-45.

Picazo JJ, Alonso LM, Aristegui J, Bayas JM, Sanz J, Del AP, et al. [Consensus document on vaccination against influenza in health care workers]. Rev Esp Quimioter 2012 Sep;25(3):226-39.

Copertura vaccinale negli operatori sanitari

Influenza vaccination coverage among health-care personnel - United States, 2010-11 influenza season. MMWR Morb Mortal Wkly Rep 2011 Aug 19;60(32):1073-7.

AAVV. Adult vaccination coverage--United States, 2010. MMWR Morb Mortal Wkly Rep 2012 Feb 3;61(4):66-72.

Abramson ZH, Avni O, Levi O, Miskin IN. Is the influenza vaccination rate of elderly patients affected by raising the vaccination rate of the staff at their primary health care clinics? Isr Med Assoc J 2011 Jun;13(6):325-8.

Bellia C, Setbon M, Zylberman P, Flahault A. Healthcare worker compliance with seasonal and pandemic influenza vaccination. Influenza Other Respir Viruses 2013 Sep;7 Suppl 2:97-104.

Blank PR, Schwenkglens M, Szucs TD. Vaccination coverage rates in eleven European countries during two consecutive influenza seasons. J Infect 2009 Jun;58(6):446-58.

Bohmer MM, Walter D, Muters S, Krause G, Wichmann O. Seasonal influenza vaccine uptake in Germany 2007/2008 and 2008/2009: results from a national health update survey. Vaccine 2011 Jun 15;29(27):4492-8.

CDC. Influenza Vaccination Coverage Among Health-Care Personnel --- United States, 2010--11 Influenza Season. MMWR 2011 Aug 19;60(32):1073-7.

Esposito S, Bosis S, Pelucchi C, Tremolati E, Sabatini C, Semino M, et al. Influenza vaccination among healthcare workers in a multidisciplinary University hospital in Italy. BMC Public Health 2008;8:422.

Grau S, Luque S, Pi-Sunyer J, Horcajada JP, Villar R, Berenguer N, et al. [Low adherence to 2009 pandemic influenza A(H1N1) vaccination program among health care workers of a medical centre during the pandemic phase]. Enferm Infecc Microbiol Clin 2011 Apr;29(4):269-75.

Ministère des Affaires Sociales et de la Santé. Vaccination des professionnels de santé : enquête sur la couverture vaccinale 2004-2005. Cellule Communication de la Direction Générale de la Santé en collaboration avec TNS Sofres 2009 December 3 [cited 2011 Sep 5]; Available from: URL: <http://www.sante.gouv.fr/vaccination-des-professionnels-de-sante-enquete-sur-la-couverture-vaccinale-2004-2005.html>

Miyakis S, Giannakaki V, Moustakidis E, Trelopoulou A, Trakatelli C, Kotsis V, et al. Vaccination against 2009 pandemic H1N1 influenza among healthcare workers in a tertiary hospital: rates, reasoning, beliefs. J Hosp Infect 2011 May;78(1):75-6.

Roggendorf H, Sprave T, Hertel S, Morscheck F, Roggendorf M. [Rate of influenza vaccination among medical staff working at a university hospital]. Dtsch Med Wochenschr 2011 Jun;136(24):1299-304.

Setse RW, Euler GL, Gonzalez-Feliciano AG, Bryan LN, Furlow C, Weinbaum CM, et al. Influenza vaccination coverage - United States, 2000-2010. *MMWR Surveill Summ* 2011 Jan 14;60 Suppl:38-41.

Simard EP, Miller JT, George PA, Wasley A, Alter MJ, Bell BP, et al. Hepatitis B vaccination coverage levels among healthcare workers in the United States, 2002-2003. *Infect Control Hosp Epidemiol* 2007 Jul;28(7):783-90.

Vranckx R, Jacques P, De SA, Moens G. Hepatitis B vaccination coverage in Belgian health care workers. *Infection* 2004 Oct;32(5):278-81.

Duong M, Mahy S, Binois R, Buisson M, Piroth L, Chavanet P. [Vaccination coverage of healthcare professionals in an infectious diseases department]. *Med Mal Infect* 2011 Mar;41(3):135-9.

ECDC. Review of the scientific literature on drivers and barriers of seasonal influenza vaccination coverage in the EU/EEA. 2013. Stockholm.

Determinanti di vaccinazione

Bohmer MM, Walter D, Falkenhorst G, Muters S, Krause G, Wichmann O. Barriers to pandemic influenza vaccination and uptake of seasonal influenza vaccine in the post-pandemic season in Germany. *BMC Public Health* 2012;12:938.

Louergue P, Moulin F, Vidal-Trecan G, Absi Z, Demontpion C, Menager C, et al. Knowledge, attitudes and vaccination coverage of healthcare workers regarding occupational vaccinations. *Vaccine* 2009 Jun 24;27(31):4240-3.

Arda B, Durusoy R, Yamazhan T, Sipahi OR, Tasbakan M, Pullukcu H, et al. Did the pandemic have an impact on influenza vaccination attitude? A survey among health care workers. *BMC Infect Dis* 2011;11:87.

Blank PR, Bonnelye G, Ducastel A, Szucs TD. Attitudes of the general public and general practitioners in five countries towards pandemic and seasonal influenza vaccines during season 2009/2010. *PLoS One* 2012;7(10):e45450.

Brandt C, Rabenau HF, Bornmann S, Gottschalk R, Wicker S. The impact of the 2009 influenza A(H1N1) pandemic on attitudes of healthcare workers toward seasonal influenza vaccination 2010/11. *Euro Surveill* 2011;16(17).

Chen SC, Hawkins G, Aspinall E, Patel N. Factors influencing uptake of influenza A (H1N1) vaccine amongst healthcare workers in a regional pediatric centre: lessons for improving vaccination rates. *Vaccine* 2012 Jan 5;30(2):493-7.

Dedoukou X, Nikolopoulos G, Maragos A, Giannoulidou S, Maltezou HC. Attitudes towards vaccination against seasonal influenza of health-care workers in primary health-care settings in Greece. *Vaccine* 2010 Aug 23;28(37):5931-3.

Dinelli MI, Moreira TN, Paulino ER, da Rocha MC, Graciani FB, de Moraes-Pinto MI. Immune status and risk perception of acquisition of vaccine preventable diseases among health care workers. *Am J Infect Control* 2009 Dec;37(10):858-60.

Hofmann F, Ferracin C, Marsh G, Dumas R. Influenza vaccination of healthcare workers: a literature review of attitudes and beliefs. *Infection* 2006 Jun;34(3):142-7.

Mytton OT, O'Moore EM, Sparkes T, Baxi R, Abid M. Knowledge, attitudes and beliefs of health care workers towards influenza vaccination. *Occup Med (Lond)* 2013 Apr;63(3):189-95.

Hollmeyer H, Hayden F, Mounts A, Buchholz U. Review: interventions to increase influenza vaccination among healthcare workers in hospitals. *Influenza Other Respir Viruses* 2013 Jul;7(4):604-21.

Hollmeyer HG, Hayden F, Poland G, Buchholz U. Influenza vaccination of health care workers in hospitals--a review of studies on attitudes and predictors. *Vaccine* 2009 Jun 19;27(30):3935-44.

Savas E, Tanriverdi D. Knowledge, attitudes and anxiety towards influenza A/H1N1 vaccination of healthcare workers in Turkey. *BMC Infect Dis* 2010;10:281.

Topuridze M, Butsashvili M, Kamkamidze G, Kajaia M, Morse D, McNutt LA. Barriers to hepatitis B vaccine coverage among healthcare workers in the Republic of Georgia: An international perspective. *Infect Control Hosp Epidemiol* 2010 Feb;31(2):158-64.

Willis BC, Wortley P. Nurses' attitudes and beliefs about influenza and the influenza vaccine: a summary of focus groups in Alabama and Michigan. *Am J Infect Control* 2007 Feb;35(1):20-4.

Zhang J, While AE, Norman IJ. Nurses' vaccination against pandemic H1N1 influenza and their knowledge and other factors. *Vaccine* 2012 Jul 6;30(32):4813-9.

Outbreak nosocomiali

Dos Santos AM, Ono E, Lobato RT, Do Prado SI, Kopelman BI, Cavalcanti CM, et al. Diphtheria, tetanus, and varicella immunity in health care workers in neonatal units. *Am J Infect Control* 2008 Mar;36(2):142-7.

AAVV. Outbreaks of pertussis associated with hospitals--Kentucky, Pennsylvania, and Oregon, 2003. *MMWR Morb Mortal Wkly Rep* 2005 Jan 28;54(3):67-71.

Baussano I, Nunn P, Williams B, Pivetta E, Bugiani M, Scano F. Tuberculosis among health care workers. *Emerg Infect Dis* 2011 Mar;17(3):488-94.

Baxi R, Mytton OT, Abid M, Maduma-Butshe A, Iyer S, Ephraim A, et al. Outbreak report: nosocomial transmission of measles through an unvaccinated healthcare worker--implications for public health. *J Public Health (Oxf)* 2013 Oct 6.

Botelho-Nevers E, Cassir N, Minodier P, Laporte R, Gautret P, Badiaga S, et al. Measles among healthcare workers: a potential for nosocomial outbreaks. *Euro Surveill* 2011;16(2).

Caputi G, Tafuri S, Chironna M, Martinelli D, Sallustio A, Falco A, et al. An outbreak of measles including nosocomial transmission in Apulia, south-east Italy, January-March 2008--a preliminary report. *Euro Surveill* 2008 Apr 17;13(16).

Chironna M, Tafuri S, Santoro N, Prato R, Quarto M, Germinario CA. A nosocomial outbreak of 2009 pandemic influenza A(H1N1) in a paediatric oncology ward in Italy, October-November 2009. *Euro Surveill* 2010 Jan 7;15(1).

Fischer PR, Brunetti C, Welch V, Christenson JC. Nosocomial mumps: report of an outbreak and its control. *Am J Infect Control* 1996 Feb;24(1):13-8.

Grgic-Vitek M, Frelih T, Ucakar V, Prosenc K, Tomazic J, Petrovec M, et al. Spotlight on measles 2010: a cluster of measles in a hospital setting in Slovenia, March 2010. *Euro Surveill* 2010 May 20;15(20).

Horcajada JP, Pumarola T, Martinez JA, Tapias G, Bayas JM, de la PM, et al. A nosocomial outbreak of influenza during a period without influenza epidemic activity. *Eur Respir J* 2003 Feb;21(2):303-7.

Komitova R, Kunchev A, Mihneva Z, Marinova L. Nosocomial transmission of measles among healthcare workers, Bulgaria, 2010. *Euro Surveill* 2011;16(15).

Kuster SP, Shah PS, Coleman BL, Lam PP, Tong A, Wormsbecker A, et al. Incidence of influenza in healthy adults and healthcare workers: a systematic review and meta-analysis. *PLoS One* 2011;6(10):e26239.

Mejia C, Silvestre M, Cazali I, Garcia J, Sanchez R, Garcia L, et al. Large epidemiological influenza outbreak in a teaching hospital from Guatemala city. *ISRN AIDS* 2012;2012:638042.

Monsel G, Rapp C, Duong TA, Farhi D, Bouaziz JD, Meyssonier V, et al. [Measles in adults: an emerging disease not sparing medical staff]. *Ann Dermatol Venereol* 2011 Feb;138(2):107-10.

Ross RS. [Nosocomial transmission of viruses to pregnant women by infected medical personnel]. *Bundesgesundheitsblatt Gesundheitsforschung Gesundheitsschutz* 2007 Nov;50(11):1399-403.

Salgado CD, Farr BM, Hall KK, Hayden FG. Influenza in the acute hospital setting. *Lancet Infect Dis* 2002 Mar;2(3):145-55.

Walker J, Huc S, Sinka K, Tisington A, Oates K. Ongoing outbreak of mumps infection in Oban, Scotland, November 2010 to January 2011. *Euro Surveill* 2011;16(8).

Wicker S, Rose MA. Health care workers and pertussis: an underestimated issue. *Med Klin (Munich)* 2010 Dec;105(12):882-6.

Strategie vaccinali/obbligatorietà

Anikeeva O, Braunack-Mayer A, Rogers W. Requiring influenza vaccination for health care workers. *Am J Public Health* 2009 Jan;99(1):24-9.

Backer H. Counterpoint: in favor of mandatory influenza vaccine for all health care workers. *Clin Infect Dis* 2006 Apr 15;42(8):1144-7.

Galanakis E, D'Ancona F, Jansen A, Lopalco PL. The issue of mandatory vaccination for healthcare workers in Europe. *Expert Rev Vaccines* 2014 Feb;13(2):277-83.

Mereckiene J, Cotter S, D'Ancona F, Giambi C, Nicoll A, Levy-Bruhl D, et al. Differences in national influenza vaccination policies across the European Union, Norway and Iceland 2008-2009. *Euro Surveill* 2010;15(44).

Ottenberg AL, Wu JT, Poland GA, Jacobson RM, Koenig BA, Tilburt JC. Vaccinating health care workers against influenza: the ethical and legal rationale for a mandate. *Am J Public Health* 2011 Feb;101(2):212-6.

Pavia AT. Mandate to protect patients from health care-associated influenza. *Clin Infect Dis* 2010 Feb 15;50(4):465-7.

Poland GA, Toshi P, Jacobson RM. Requiring influenza vaccination for health care workers: seven truths we must accept. *Vaccine* 2005 Mar 18;23(17-18):2251-5.

Poland GA. Mandating influenza vaccination for health care workers: putting patients and professional ethics over personal preference. *Vaccine* 2010 Aug 16;28(36):5757-9.

Prato R, Tafuri S, Fortunato F, Martinelli D. Vaccination in healthcare workers: an Italian perspective. *Expert Rev Vaccines* 2010 Mar;9(3):277-83.

Seale H, Leask J, Macintyre CR. Do they accept compulsory vaccination? Awareness, attitudes and behaviour of hospital health care workers following a new vaccination directive. *Vaccine* 2009 May 18;27(23):3022-5.

Seale H, Leask J, Macintyre CR. Awareness, attitudes and behavior of hospital healthcare workers towards a mandatory vaccination directive: two years on. *Vaccine* 2011 May 12;29(21):3734-7.

Botelho-Nevers E, Chevereau L, Brouqui P. Letter to the editor. Spotlight on measles 2010: measles in healthcare workers - vaccination should be revisited. *Euro Surveill* 2010 Oct 14;15(41):19687.

Stewart AM. Mandatory vaccination of health care workers. *N Engl J Med* 2009 Nov 19;361(21):2015-7.

Simeonsson K, Summers-Bean C, Connolly A. Influenza vaccination of healthcare workers: institutional strategies for improving rates. *N C Med J* 2004 Nov;65(6):323-9.

Altre referenze

Guiso N, Liese J, Plotkin S. The Global Pertussis Initiative: Meeting report from the fourth regional roundtable meeting, France, April 14-15, 2010. *Hum Vaccin* 2011 Apr 1;7(4):481-8.

Thomas RE, Jefferson T, Lasserson TJ. Influenza vaccination for healthcare workers who work with the elderly. *Cochrane Database Syst Rev* 2010;(2):CD005187.

Colombo GL, Ferro A, Vinci M, Zordan M, Serra G. Cost-benefit analysis of influenza vaccination in a public healthcare unit. *Ther Clin Risk Manag* 2006 Jun;2(2):219-26.

Lam PP, Chambers LW, MacDougall DM, McCarthy AE. Seasonal influenza vaccination campaigns for health care personnel: systematic review. *CMAJ* 2010 Sep 7;182(12):E542-E548.