

Bibliography of the "Let's talk about vaccines!" campaign

Influenza

1. World Health Organization. Influenza (Seasonal). [accessed 29 August 2023]. Available at: [https://www.who.int/news-room/fact-sheets/detail/influenza-\(seasonal\)#:~:text=Overview](https://www.who.int/news-room/fact-sheets/detail/influenza-(seasonal)#:~:text=Overview)
2. Samson SI, Konty K, Lee WN, et al. Quantifying the impact of influenza among persons with type 2 diabetes mellitus: a new approach to determine medical and physical activity impact. *J Diabetes Sci Technol*. 2021 Jan;15(1) 44-52. doi:10.1177/1932296819883340. PMID: 31747789; PMCID: PMC7780362.
3. Antonelli Incalzi R, Consoli A, Lopalco P, et al. Influenza vaccination for elderly, vulnerable and high-risk subjects: a narrative review and expert opinion. *Intern Emerg Med*. 2023. <https://doi.org/10.1007/s11739-023-03456-9>
4. Centers for Disease Control and Prevention. Flu & people with asthma. August 2021. [accessed 11 November 2021]. Available at: <https://www.cdc.gov/flu/highrisk/asthma.htm>
5. Bekkat-Berkani R, Wilkinson T, Buchy P, et al. Seasonal influenza vaccination in patients with COPD: a systematic literature review. *BMC Pulm Med*. 2017;17(1):79. [accessed: 11 September 2023]. Available at: <https://pubmed.ncbi.nlm.nih.gov/28468650/>
6. Centers for Disease Control and Prevention. Epidemiology and prevention of vaccine-preventable diseases. Hall E., Wodi AP, Hamborsky J, et al., eds. 14th ed. Washington, D.C. Public Health Foundation, 2021. Available at: <https://www.cdc.gov/vaccines/pubs/pinkbook/index.html>
7. Centers for Disease Control and Prevention. Fluzone high-dose seasonal influenza vaccine. May 2023. [accessed: 26 November 2023]. Available at: https://www.cdc.gov/flu/prevent/qa_fluzone.htm
8. Vamos EP, Pape UJ, Curcin V, et al. Effectiveness of the influenza vaccine in preventing admission to hospital and death in people with type 2 diabetes. *CMAJ*. 2016;188(14):E342-E351. [accessed: 29 August 2023]. Available at: <https://pubmed.ncbi.nlm.nih.gov/27455981/>
9. Udell JA, Zawi R, Bhatt DL, et al. Association between influenza vaccination and cardiovascular outcomes in high-risk patients: a meta-analysis. *JAMA*. 2013;310(16):1711-1720. [accessed: 29 August 2023]. Available at: <https://jamanetwork.com/journals/jama/fullarticle/1758749>
10. Fröbert O, Götberg M, Erlinge D, et al. Influenza vaccination after myocardial infarction: a randomized, double-blind, placebo-controlled, multicenter trial. *Circulation*. 2021;144(18):1476-1484. [accessed: 29 August 2023]. Available at: <https://www.ahajournals.org/doi/full/10.1161/CIRCULATIONAHA.121.057042>
11. Grohskopf LA, Blanton LH, Ferdinands JM, et al. Prevention and control of seasonal influenza with vaccines: recommendations of the advisory committee on immunization practices — United States, 2023–24 Influenza season. *MMWR Recomm Rep* 2023;72(No. RR-2):1–25. DOI: <http://dx.doi.org/10.15585/mmwr.rr7202a1>
12. Kurai D, Saraya T, Ishii H, et al. Virus-induced exacerbations in asthma and COPD. *Front Microbiol. Sec. Virology Volume 4* - 2013. doi:10.3389/fmicb.2013.00293
13. Plans-Rubió P. Prevention and control of influenza in persons with chronic obstructive pulmonary disease. *Int J Chron Obstruct Pulmon Dis*. 2007; 2(1), 41–53. <https://doi.org/10.2147/copd.2007.2.1.41>

14. Martínez-Baz I, Navascués A, Casado I, et al. Effect of influenza vaccination in patients with asthma. *Can Med Assoc J.* 2021; 193(29): E1120–E1128. doi.org/10.1503/cmaj.201757
15. Smetana J, Chlibek R, Shaw J, Splino M, Prymula R. Influenza vaccination in the elderly. *Hum Vaccin Immunother.* 2018;14(3):540-549
16. Andrew MK, MacDonald S, Godin J, et al. Persistent functional decline following hospitalization with influenza or acute respiratory illness. *J Am Geriatr Soc.* 2021;69(3):696-703.
17. American College of Obstetricians and Gynecologists. Influenza vaccination during pregnancy. April 2018. [accessed: 26 November 2023]. Available at: <https://www.acog.org/clinical/clinical-guidance/committee-opinion/articles/2018/04/influenza-vaccination-during-pregnancy#:~:text=Therefore%2C%20because%20the%20influenza%20vaccine,prevention%20strategy%20for%20newborns%2032>

Pertussis

1. Centers for Disease Control and Prevention. Pertussis. [accessed: 28 August 2023] Available at: <https://www.cdc.gov/pertussis/about/signs-symptoms.html>
2. Centers for Disease Control and Prevention. Pertussis. Complications. [accessed: 28 November 2023] Available at: <https://www.cdc.gov/pertussis/about/complications.html>
3. Centers for Disease Control and Prevention. Epidemiology and prevention of vaccine-preventable diseases. Hall E., Wodi AP, Hamborsky J, et al., eds. 14th ed. Washington, D.C. Public Health Foundation, 2021. Available at: <https://www.cdc.gov/vaccines/pubs/pinkbook/index.html>
4. American Lung Association. Pertussis in adults. February 2023. [Accessed: 26 November 2023]. Available at: <https://www.lung.org/lung-health-diseases/lung-disease-lookup/pertussis/pertussis-in-adults>
5. Centers for Disease Control and Prevention. Vaccines and preventable diseases. Diphtheria, tetanus, and pertussis vaccine recommendations. March 2023. [accessed: 26 November 2023]. Available at: <https://www.cdc.gov/vaccines/vpd/dtap-tdap-td/hcp/recommendations.html>

Pharmacists' role in vaccination

1. Yemeke TT, McMillan S, Marciniak MW, Ozawa S. A systematic review of the role of pharmacists in vaccination services in low-and middle-income countries. *Res Social Adm Pharm.* 2021;17(2):300-306. [accessed 28 August 2023]. Available at: <https://pubmed.ncbi.nlm.nih.gov/32295736/>
2. Valliant SN, Burbage SC, Pathak S, Urick BY. Pharmacists as accessible health care providers: quantifying the opportunity. *J Manag Care Spec Pharm.* 2022;28(1):85-90. [accessed: 28 August 2023]. Available at: <https://www.jmcp.org/doi/full/10.18553/jmcp.2022.28.1.85>
3. MacDougall D, Halperin BA, Isenor J, et al. Routine immunization of adults by pharmacists: Attitudes and beliefs of the Canadian public and health care providers. *Hum Vaccin Immunother.* 2016;12(3):623-631. [accessed: 28 August 2023]. Available at: <https://pubmed.ncbi.nlm.nih.gov/26810485/>
4. Papastergiou J, Folkins C, Li W, Zervas J. Community pharmacist-administered influenza immunization improves patient access to vaccination. *Can Pharm J (Ott).* 2014;147(6):359-365. [accessed: 28 August 2023]. Available at: <https://pubmed.ncbi.nlm.nih.gov/25364353/>

5. International Pharmaceutical Federation (FIP). FIP vaccination handbook for pharmacists: Procedures, safety aspects, common risk points and frequent questions. The Hague: International Pharmaceutical Federation; 2021. [accessed: 28 August 2023]. Available at: <https://www.fip.org/file/5158>
6. Poudel A, Lau ETL, Deldot M, Campbell C, Waite NM, Nissen LM. Pharmacist role in vaccination: Evidence and challenges. *Vaccine*. 2019;37(40):5939-5945. [accessed: 28 August 2023]. Available at: <https://pubmed.ncbi.nlm.nih.gov/31474520/>

Brief guide for discussing vaccination with patients living with asthma or COPD

1. International Pharmaceutical Federation. Vaccination of special-risk groups: A toolkit for pharmacists. The Hague: [Internet]. 2022. [Accessed: 22 August 2023]. Available at: <https://www.fip.org/file/5380>.
2. Centers for Disease Control and Prevention. Flu & People with Asthma: 2022. Available at: <https://www.cdc.gov/flu/highrisk/asthma.htm>.
3. Veerapandian R, Snyder JD, Samarasinghe AE. Influenza in Asthmatics: For Better or for Worse? *Front Immunol*. 2018;9:1843. [Accessed: 23 October 2023] Available at: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6095982/>
4. World Health Organization (WHO). Chronic respiratory diseases: Bronchiectasis [Internet]. 2019. [accessed:23 October 2023]. Available at: <https://www.who.int/news-room/questions-and-answers/item/chronic-respiratory-diseases-bronchiectasis>
5. World Health Organization (WHO). Chronic respiratory diseases: 2022. [accessed:23 October 2023]. Available at: <https://www.who.int/health-topics/chronic-respiratory-diseases#tab=tab3>.
6. Kruckow KL, Zhao K, Bowdish DME et al. Acute organ injury and long-term sequelae of severe pneumococcal infections. *Pneumonia*. 2023;15(1):5. [Accessed: 23 October 2023] Available at: <https://doi.org/10.1186/s41479-023-00110-y>.
7. World Health Organization (WHO). Coronavirus disease (COVID-19): Post COVID-19 condition [Internet]. 2021. [accessed: 23 October 2023]. Available at: [https://www.who.int/news-room/questions-and-answers/item/coronavirus-disease-\(covid-19\)-post-covid-19-condition](https://www.who.int/news-room/questions-and-answers/item/coronavirus-disease-(covid-19)-post-covid-19-condition)
8. World Health Organization (WHO). Diphtheria [Internet]. 2017. [accessed: 23 October 2023]. Available at: <https://www.who.int/news-room/questions-and-answers/item/diphtheria>.
9. World Health Organization (WHO). Pertussis [Internet]. 2022. [accessed: 23 October 2023]. Available at: <https://www.who.int/health-topics/pertussis#tab=tab1>.

Brief guide for discussing vaccination with patients living with CVD

1. World Health Organization (WHO). Cardiovascular diseases (CVDs) [Internet]. 2021. [accessed:23 November 2022]. Available at: [https://www.who.int/news-room/factsheets/detail/cardiovascular-diseases-\(cvds\)](https://www.who.int/news-room/factsheets/detail/cardiovascular-diseases-(cvds))
2. Centers for Disease Control and Prevention. Heart Disease and Stroke [Internet]. 2021. [accessed:23 November 2022]. Available at: <https://www.cdc.gov/Vaccines/adults/rec-vac/health-conditions/heart-disease.html>.
3. Kwong JC, Schwartz KL, Campitelli MA et al. Acute Myocardial Infarction after Laboratory-Confirmed Influenza Infection. *New England Journal of Medicine*.

- 2018;378(4):345-53. [Accessed: 23 October 2023]. Available at: <https://www.nejm.org/doi/full/10.1056/NEJMoa1702090>.
4. Chow EL, Rolfes MA, O'Halloran A et al. Acute Cardiovascular Events Associated With Influenza in Hospitalized Adults. *Annals of Internal Medicine*. 2020;173(8):605-13. [Accessed: 23 October 2023]. Available at: <https://doi.org/10.2326/M20-1509>.
 5. MacIntyre CR, Mahimbo A, MoaAM et al. Influenza vaccine as a coronary intervention for prevention of myocardial infarction. *Heart*. 2016;102(24):1953-6. [Accessed: 23 October 2023]. Available at: <https://pubmed.ncbi.nlm.nih.gov/27686519/>
 6. Doherty M, Schmidt-Ott R, Santos JI et al. Vaccination of special populations: Protecting the vulnerable. *Vaccine*. 2016;34(52):6681-90. [Accessed: 23 October 2023]. Available at: <https://www.sciencedirect.com/science/article/pii/S0264410X16310611>.
 7. Africano HF, Serrano-Mayorga CC, Ramirez-Valbuena PC et al. Major Adverse Cardiovascular Events During Invasive Pneumococcal Disease Are Serotype Dependent. *Clin Infect Dis*. 2021;72(11):e711-e9. [Accessed: 23 October 2023]. Available at: <https://pubmed.ncbi.nlm.nih.gov/32964223/>.
 8. Dr Chattanong Yodwut at Heart Hospital. Safety Does Matter - Patients With Cardiovascular Diseases And COVID-19 Vaccines [Internet]. 2022. [accessed:23 November 2022]. Available at: <https://www.bangkokhearthospital.com/en/content/patients-with-coronary-heart-disease-with-covid-19-vaccination>.
 9. Frobert O, Gotberg M, Erlinge D et al. Influenza Vaccination After Myocardial Infarction: A Randomized, Double-Blind, Placebo-Controlled, Multicenter Trial. *Circulation*. 2021;144(18):1476-84. [Accessed: 23 October 2023]. Available at: <https://pubmed.ncbi.nlm.nih.gov/34459211/>.

Brief guide for discussing vaccination with patients living with diabetes

1. Martfn-Tim6n I, Del Cafiizo-G6mez FJ. Mechanisms of hypoglycemia unawareness and implications in diabetic patients. *World J Diabetes*. 2015;6(7):912-26. [Accessed: 23 October 2023]. Available at: <https://pubmed.ncbi.nlm.nih.gov/26185599/>.
2. International Diabetes Federation. Diabetes facts & figures [Internet]. 2021. [accessed:23 November 2022]. Available at: <https://idf.org/aboutdiabetes/what-is-diabetes/facts-figures.html>.
3. Centers for Disease Control and Prevention. Vaccine information for adults - Diabetes type 1 and 2 [Internet]. 2021. [accessed:23 November 2022]. Available at: <https://www.cdc.gov/vaccines/adults/rec-vac/health-conditions/diabetes.html>.
4. Allard R, Leclerc P, Tremblay C et al. Diabetes and the severity of pandemic influenza A (H1N1) infection. *Diabetes Care*. 2010;33(7):1491-3. [Accessed: 23 October 2023]. Available at: <https://pubmed.ncbi.nlm.nih.gov/20587722/>
5. Marshall RJ, Armart P, Hulme KO et al. Glycemic Variability in Diabetes Increases the Severity of Influenza. *mBio*. 2020;11(2):e02841-19. [Accessed: 23 October 2023]. Available at: <https://journals.asm.org/doi/abs/10.1128/mBio.02841-19>.
6. Lopez-Huamanrayme E, Garate-Chirinos DD, Espinoza-Morales Fetal. Association between hyperglycemia treatment and mortality in patients with diabetes and COVID-19 in a Peruvian hospital: A retrospective cohort study. *Journal of Clinical & Translational Endocrinology*. 2021;26:100265. [Accessed: 23 October 2023]. Available at: <https://www.sciencedirect.com/science/article/pii/S22146237210001ZX>.

7. Casqueiro J, Casqueiro J, Alves C. Infections in patients with diabetes mellitus: A review of pathogenesis. *Indian J Endocrinol Metab.* 2012;16 Suppl 1(Suppl1):S27-S36. [Accessed: 23 October 2023]. Available at: <https://pubmed.ncbi.nlm.nih.gov/22701840>.

Brief guide for discussing vaccination with people over 65 years of age

1. World Health Organization (WHO). Ageing and health [Internet]. 2022. [accessed:23 November 2022]. Available at: <https://www.who.int/news-room/fact-sheets/detail/ageing-and-health>.
2. World Health Organization (WHO). Ageing [Internet]. 2022. [accessed:23 November 2023]. Available at: <https://www.who.int/health-topics/ageing#tab=tab1>.
3. Remschmidt C, Wichmann o, Harder T. Vaccines for the prevention of seasonal influenza in patients with diabetes: systematic review and meta-analysis. *BMC Medicine.* 2015;13(1):53. [Accessed: 23 November 2023] Available at: <https://doi.org/10.1186/s12916-015-0295-6>.
4. Centers for Disease Control and Prevention. Flu Symptoms & Complications [Internet]. 2022. Available at: <https://www.cdc.gov/flu/symptoms/symptoms.htm>
5. Vila-C6rcoles A, Ochoa-Gondar o, Llor C et al. Protective effect of pneumococcal vaccine against death by pneumonia in elderly subjects. *European Respiratory Journal.* 2005;26(6):1086. [Accessed: 23 October 2023]. Available at: <http://erj.ersjournals.com/content/26/6/1086.abstract>.
6. Bulut C, Kato Y. Epidemiology of COVID-19. *Turk J Med Sci.* 2020;50(Si-1):563-70. [Accessed: 23 October 2023]. Available at: <https://pubmed.ncbi.nlm.nih.gov/32299206/>.
7. Liang JL, Tiwari T, Moro Pet al. Prevention of Pertussis, Tetanus, and Diphtheria with Vaccines in the United States: Recommendations of the Advisory Committee on Immunization Practices (ACIP). *MMWR Recomm Rep.* 2018;67(2):1-44. [Accessed: 23 October 2023]. Available at: <https://pubmed.ncbi.nlm.nih.gov/29702631/>
8. Papagianni M, Metallidis S, Tziomalos K. Herpes Zoster and Diabetes Mellitus: A Review. *Diabetes Ther.* 2018;9(2):545-50. [Accessed: 23 October 2023]. Available at: <https://pubmed.ncbi.nlm.nih.gov/29520743>.
9. Loustaud-Ratti V, Jacques L Debette-Gratien Met al. Hepatitis Band elders: An underestimated issue. *Hepato Res.* 2016;46(1):22-8. [Accessed: 23 October 2023]. Available at: <https://pubmed.ncbi.nlm.nih.gov/25651806/>
10. Bifani AM, Ong EZ, de Alwis R. Vaccination and Therapeutics: Responding to the Changing Epidemiology of Yellow Fever. *Curr Treat Options Infect Dis.* 2020;12(3):349-60. [Accessed: 23 October 2023]. Available at: <https://pubmed.ncbi.nlm.nih.gov/32837338>.
11. Centers for Disease Control and Prevention. Frequently Asked Questions About RSV Vaccine for Adults: 2023. Available at: <https://www.cdc.gov/Vaccines/vpd/rsv/hcp/older-adults-fags.html>.

Brief guide for discussing vaccination with pregnant individuals

1. Centers for Disease Control and Prevention. Pregnancy [Internet]. 2022. [accessed:23 November 2022]. Available at: <https://www.cdc.gov/flu/highrisk/pregnant.htm>.
2. World Health Organization (WHO). Maternal health [Internet]. 2022. [accessed:23 November 2022]. Available at: <https://www.who.int/health-topics/maternal-health#tab=tab2>.

3. Centers for Disease Control and Prevention. Pregnancy and vaccination: 8 things you need to know [Internet]. 2022. [accessed:23 November 2022]. Available at: <https://www.cdc.gov/vaccines/pregnancy/pregnant-women/need-to-know.html>.
4. Wang R, Yan W, Du Met al. The effect of influenza virus infection on pregnancy outcomes: A systematic review and meta-analysis of cohort studies. Int J Infect Dis. 2021;105:567-78. [Accessed: 23 October 2023]. Available at: <https://pubmed.ncbi.nlm.nih.gov/33647509/>.
5. American College of Obstetricians and Gynecologists. ACOG Committee Opinion No. 741: Maternal Immunization. Obstet Gynecol. 2018;131(6):e214-e7. [Accessed: 23 October 2023]. Available at: <https://pubmed.ncbi.nlm.nih.gov/29794683/>.
6. American College of Obstetricians and Gynecologists. COVID-19 Vaccines and Pregnancy: Conversation Guide [Internet]. 2022. [accessed:23 November 2022]. Available at: <https://www.acog.org/covid-19/covid-19-vaccines-and-pregnancy-conversation-guide-for-clinicians>.

Summary of recommended vaccine for the main risk groups

- International Pharmaceutical Federation. Vaccination of special-risk groups: A toolkit for pharmacists. The Hague: 2022. Available at: <https://www.fip.org/file/5380>
- International Pharmaceutical Federation (FIP). FIP vaccination handbook for pharmacists: Procedures, safety aspects, common risk points and frequent questions. The Hague: International Pharmaceutical Federation; 2021. Available at: <https://www.fip.org/file/soog>
- International Pharmaceutical Federation (FIP). Building vaccine confidence and communicating vaccine value: A toolkit for pharmacists. The Hague: International Pharmaceutical Federation; 2021. Available at: <https://www.fip.org/file/5093>