

Offen im Denken

14th Summer Academy "Infection and Immunity" *Lecture 8 on Friday, 22 August, 2025*

Dr. Frank Mosel

Institute for Microbiology
University of Duisburg-Essen
frank.mosel@uk-essen.de

Vaccination of immunocompromised patients

References for seminar preparation:

Alnaimat F et al. (2023) Vaccination in the Era of Immunosuppression Vaccines 2023, 11, 1446. https://doi.org/10.3390/vaccines11091446

Australian Government, Department of Health and Aged Care (2025)

Australian Immunization Handbook

 $\underline{\text{https://immunisationhandbook.health.gov.au/contents/vaccination-for-special-risk-groups/vaccination-for-people-who-are-immunocompromised}$

Centers for Disease Control and Prevention (CDC) (2025)

CDC Yellow Book: Health Information for International Travel, Edition 2026, Section 2, Chapter 2:

Immunocompromised Travelers

https://www.cdc.gov/yellow-book/hcp/travelers-with-additional-considerations/immunocompromised-travelers.html

Chinn IK, Shearer WT (2015)

Severe combined immunodeficiency disorders. Immunol Allergy Clin North Am 35(4):671–694

doi 10.1016/j.iac.2015.07.002

Danzinger-Isakov L et al. (2019)

Vaccination of solid organ transplant candidates and recipients: Guidelines from the American society of transplantation infectious diseases community of practice

Clinical Transplantation. 2019;33:e13563

https://doi.org/10.1111/ctr.13563

Geretti AM, Brook G, Cameron C, Chadwick D, French N, Heyderman R et al (2016) British HIV Association Guidelines on the Use of Vaccines in HIV-Positive Adults 2015. HIV Med 17(Suppl 3):S2–S81 https://doi.org/10.1111/hiv.12424

Government of Canada, Public Health Agency of Canada (2024)

Immunization of persons with chronic diseases: Canadian Immunization Guide

https://www.canada.ca/en/public-health/services/publications/healthy-living/canadian-immunization-guide-part-3-vaccination-specific-populations/page-7-immunization-persons-with-chronic-diseases.html

Health Information and Quality Authority of Ireland (2023)

Immunisation Guidelines for Ireland

Chapter 03 - Immunisation of Immunocompromised Persons

https://www.hiqa.ie/sites/default/files/NIAC/Immunisation_Guidelines/Chapter_03_Immunisation_of_the_Immunocompromised.pdf

Marinho A K B B (2022) Vaccination in children with immune-mediated disorders Journal de Pediatria https://doi.org/10.1016/j.jped.2022.11.008

Pollard A J and Else M. Bijker E M (2021) A guide to vaccinology: from basic principles to new developments Nature Revlews Immunology Vol.21 February 2021 https://doi.org/10.1038/s41577-020-00479-7

Sobh A et al. (2016)
Vaccination in Primary Immunodeficiency Disorders
J ALLERGY CLIN IMMUNOL PRACT VOLUME 4, NUMBER 6
http://dx.doi.org/10.1016/j.jaip.2016.09.012

Vigano M et al. (2023)
Vaccination Recommendations in Solid Organ Transplant Adult Candidates and Recipients Vaccines 2023, 11, 1611.
https://doi.org/10.3390/vaccines11101611

Wong P.K.K. et al. (2017)

A practical approach to vaccination of patients with autoimmune inflammatory rheumatic diseases in Australia Internal Medicine Journal Volume 47, Issue 5 p. 491-500 https://onlinelibrary.wiley.com/doi/10.1111/imj.13371