

[Menu](#)**Cleveland Clinic****Center for Continuing Education**

Disease Management Clinical Decisions

Immunization in Immunocompromised Patients

Release Date: February 6, 2019**Expiration Date:** February 6, 2022**Estimated Time of Completion:** 45 minutes

Description

Each lesson in the Disease Management Clinical Decisions series provides a brief, case-based review of management strategies related to the topic. Questions and multiple-choice answers about the case presented include the rationale for the correct answer. Throughout this case-based lesson, you may proceed to the next question once you answer the question correctly.

Learning Objectives

After completing this case the reader should be able to:

- Critically appraise the data on the efficacy and safety of vaccinating patients with an immunocompromised condition.
- Describe the effect of immunosuppressive medications on vaccine efficacy.
- Differentiate between the various types of vaccines and incorporate the recommended vaccinations for patients receiving immunosuppressive medications into clinical practice.
- Describe the biology, risks, and benefits of the recombinant herpes zoster vaccine.

Target Audience

Directed to primary care physicians including family practitioners and internists.

Accreditation

The Cleveland Clinic Foundation Center for Continuing Education is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

The Cleveland Clinic Foundation Center for Continuing Education designates this enduring material for a maximum of **0.75 AMA PRA Category 1 Credit™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Participants claiming CME credit from this activity may submit the credit hours to the American Osteopathic Association for Category 2 credit.

Activity Director and Faculty

Activity Director

Anthony Fernandez, MD, PhD

Director, Medical and Inpatient Dermatology

W.D. Steck Chair of Clinical Dermatology

Co-Medical Director, Center for Continuing Education

Cleveland Clinic

Cleveland, OH

Faculty

Cassandra Calabrese, DO

Orthopaedic and Rheumatologic Institute

Cleveland Clinic

Cleveland, OH

CME Disclaimer

The information in this educational activity is provided for general medical education purposes only and is not meant to substitute for the independent medical judgment of a physician relative to diagnostic and treatment options of a specific patient's medical condition. The viewpoints expressed in this CME activity are those of the authors/faculty. They do not represent an endorsement by The Cleveland Clinic Foundation. In no event will The Cleveland Clinic Foundation be liable for any decision made or action taken in reliance upon the information provided through this CME activity.

Disclosures

In accordance with the Standards for Commercial Support issued by the Accreditation Council for Continuing Medical Education (ACCME), The Cleveland Clinic Foundation Center for Continuing Education requires resolution of all faculty conflicts of interest to ensure CME activities are free of commercial bias.

The following faculty has indicated that he has no relationship which, in the context of his presentation, could be perceived as a potential conflict of interest:

Anthony Fernandez, MD, PhD

Novartis	Consulting; Independent contractor (including contracted research); Teaching and Speaking
Abbvie Pharmaceuticals	Consulting; Teaching and Speaking
Pfizer, Inc.	Independent contractor (including contracted research)
Celgene Corporation	Consulting
Mallinckrodt Inc.	Independent contractor (including contracted research); Teaching and Speaking
Roche Pharmaceuticals	Principal Investigator for a Phase III Clinical Trial

The following faculty have indicated she has no relationship which, in the context of her presentation(s), could be perceived as a potential conflict of interest:

Cassandra Calabrese, DO[Begin Activity](#)

This CME activity was produced by The Cleveland Clinic Foundation Center for Continuing Education.