



Perspective

Infectious Disease Problems Often are Related to Other Medical Conditions

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INTRODUCTION

Our infectious disease specialists in Eau Claire, Wisconsin, provide information, consultation and treatment for bacterial, fungal, viral and parasitic infections, including bloodstream infections and complex or rare conditions caused by emerging infectious diseases and multidrug-resistant microbes. We also specialize in the optimal use of antimicrobials agents that eliminate microorganisms or bacterial growth to reduce the chances of developing drug resistance.

Our experts provide care for people with HIV, bone infections and infections related to complications from cancer, critical care and many other conditions. We also manage complex infections that can be encountered in the hospital setting by continuously developing strategies to reduce the risk of infection for hospitalized patients and after surgical procedures.

Infectious disease problems often are related to other medical conditions. Our team works closely with clinicians from other specialty care areas to ensure you receive the right care for your medical need.

Depending on your situation, your care team may include clinicians from:

- Cardiovascular medicine and surgery
- Critical care
- Dermatology
- Gastroenterology
- Hematology
- Hepatology
- Immunology
- Neurology
- Neurosurgery
- Oncology
- Orthopedics
- Otolaryngology (ENT)/Head and neck surgery
- Pathology
- Pulmonology
- Rheumatology
- Surgery
- Vascular medicine

An infectious disease pharmacist or nurse also may be a part of your care team.

With a focus on infection prevention and antimicrobial care, our infectious disease team is committed to developing a plan to meet your individual concerns and needs related to infections and infectious diseases.

DESCRIPTION

International travel clinic

With an increasing number of people leaving the U.S. for business and pleasure trips, medical concerns while traveling are becoming increasingly complicated. If you or members of your family are planning trips to underdeveloped countries, our international travel clinic can help prepare you to have a healthy trip.

You'll meet with a travel medicine expert who is knowledgeable on current health risks worldwide. We promote safe, healthy travel by offering counseling, recommendations, vaccinations, prescriptions and, if needed, a referral to another expert for complex medical conditions.

Schedule an appointment for a pretravel consultation with us about four to eight weeks before you depart so we can help you prepare. Ideally, this appointment should be scheduled as soon as your travel plans are established. Some vaccines require several weeks for immunity to develop, while others require more than one dose for full protection.

Be prepared to inform the patient appointment specialist with this information:

- Countries you will visit.
- Travel dates and duration.
- Any unusual circumstances.
- Fields in dermatology.

Dermatologists have been leaders in the field of cosmetic surgery. Some dermatologists complete fellowships in surgical dermatology. Many are trained in their residency on the use of botulinum toxin, fillers, and laser surgery. Some dermatologists perform cosmetic procedures including liposuction, blepharoplasty, and face lifts. Most dermatologists limit their cosmetic practice to minimally invasive procedures. Despite an absence of formal guidelines from the American Board of dermatology, many cosmetic fellowships are offered in both surgery and laser medicine.

Dermatopathology

A dermatopathologist is a pathologist or dermatologist who specializes in the pathology of the skin. This field is shared by dermatologists and pathologists. Usually, a dermatologist or

pathologist completes one year of dermatopathology fellowship.

This usually includes six months of general pathology and six months of dermatopathology. Alumni of both specialties can qualify as dermatopathologists. At the completion of a standard residency in dermatology, many dermatologists are also competent at dermatopathology. Some dermatopathologists qualify to sit for their examinations by completing a residency in dermatology and one in pathology.

Trichology: Trichology specializes in diseases, which manifest with hair loss, hair abnormalities, hypertrichosis and scalp changes. Trichoscopy is a medical diagnostic method that is used by dermatologists with a special interest in trichology

Immunodermatology: This field specializes in the treatment of immune-mediated skin diseases such as lupus, bullous pemphigoid, pemphigus vulgaris, and other immune-mediated skin disorders. Specialists in this field often run their own immunopathology labs Immunodermatology testing is essential for the correct diagnosis and treatment of many diseases affecting epithelial organs including skin, mucous membranes, gastrointestinal and respiratory tracts. The various diseases often overlap in clinical and histological presentation and, although the diseases themselves are not common, may present with features of common skin disorders such as urticaria, eczema and chronic itch. Therefore, the diagnosis of an immunodermatological disease is often delayed. Tests are performed on blood and tissues that are sent to various laboratories from medical facilities and referring physicians across the United States.

CONCLUSION

The dermatologic subspecialty called Mohs surgery focuses on the excision of skin cancers using a technique that allows intraoperative assessment of most of the peripheral and deep tumor margins. Developed in the 1930's by Frederic E. Mohs, the procedure is defined as a type of CCPDMA processing. Physicians trained in this technique must be comfortable with both pathology and surgery, and dermatologists receive extensive training in both during their residency. Physicians who perform Mohs surgery can receive training in this specialized technique during their dermatology residency, but many seek additional training either through formal preceptorships to become fellows of the American

society for Mohs surgery or through one-year Mohs surgery fellowship training programs administered by the American College of Mohs Surgery. In 2020, the American Board of Dermatology (ABD) received

approval from the American Board of Medical Specialties (ABMS) to establish a board-certification exam in the subspecialty of micrographic dermatologic surgery (Mohs Surgery).