



AMERICAN OSTEOPATHIC ASSOCIATION

**Specific Basic Standards for
Osteopathic Fellowship Training in
Infectious Diseases**

**American Osteopathic Association
and
American College of Osteopathic Internists**

BOT Rev. 2/2011

These specific basic standards are part of the *Common Basic Standards for Fellowship Training in Internal Medicine Subspecialties*, which govern and define training in all medical subspecialties. These requirements are in addition to all requirements in the Common Basic Standards.

IV INSTITUTIONAL REQUIREMENTS

- 4.1 The base institution or an affiliate must have a diagnostic microbiology laboratory that provides trainees with sufficient exposure to the skills of interpretive microbiology to successfully manage patients with infectious disease.
- 4.2 The base institution or an affiliate must have a laboratory with the capability to perform diagnostic bacteriology, immunology, mycology, parasitology and virology.
- 4.3 The base institution or an affiliate must have facilities available for isolation of patients with infectious diseases.

V PROGRAM REQUIREMENTS AND CONTENT

A. Program Duration

- 5.1 The fellowship training program must be a full-time training program of a minimum of 24 months in duration.
- 5.2 The fellowship training program must include one month of pediatric infectious disease training.

B. Medical Knowledge

- 5.3 The fellow must have learning activities in basic concepts of immunology.
- 5.4 The fellow must have learning activities in the epidemiology, clinical course, manifestations, diagnosis, treatment, and prevention of major infectious organisms including viruses, chlamydiae, mycoplasma and ureaplasma, rickettsioses, spirochetes, mycobacteria, mycoses, protozoa, and helminthes.
- 5.5 The fellow must have learning activities in host resistance and microbial virulence factors.
- 5.6 The fellow must have learning activities in quality assurance and cost analysis in clinical practice.
- 5.7 The fellow must have learning activities in evaluation of the febrile patient.
- 5.8 The fellow must have learning activities in infections of all the major organ systems including pulmonary, urinary, intra-abdominal, hepatobiliary including the viral hepatitises, cardiovascular, central nervous system, bone and joint, skin and soft tissue, gastrointestinal, reproductive organs, and ocular.
- 5.9 The fellow must have learning activities in sepsis syndromes.
- 5.10 The fellow must have learning activities in nosocomial infections.
- 5.11 The fellow must have learning activities in infections in the immune suppressed host including patients with HIV, leukemia and lymphoma, neutropenia and organ transplants.
- 5.12 The fellow must have learning activities in infections in geriatric patients.
- 5.13 The fellow must have learning activities in infections in travelers.
- 5.14 The fellow must have learning activities in infections in parenteral drug users.

C. Patient Care

- 5.15 The fellow must have training and experience in the collection and isolation of pathogenic microorganisms, including knowledge of antibacterial sensitivity testing, virology, parasitology and molecular biology.
- 5.16 The fellow must have training and experience in mechanisms of action and adverse reactions; pharmacokinetics; techniques to determine antimicrobial concentrations; appropriate use of antimicrobials in a variety of clinical settings.
- 5.17 The fellow must have training and experience in procedures used for specimen collection in infectious disease such as bronchoscopy, thoracentesis, arthrocentesis, lumbar puncture and aspiration of abscess cavities.
- 5.18 The fellow must have training and experience in principles and practice of hospital infection control.
- 5.19 The fellow must have training and experience in principles of chemoprophylaxis and immunoprophylaxis.
- 5.20 The fellow must have training and experience in mechanism of action of biologic products such as monoclonal antibodies, cytokines, interferons, interleukins, and colony-stimulating factors, and their application in the treatments of infectious diseases.
- 5.21 The fellow must have training and experience in immunosuppressed patients, particularly those with malignancies and post organ transplantation.
- 5.22 The fellow must have training and experience in inpatient and ambulatory experience treating patients with human immunodeficiency virus (HIV).
- 5.23 The fellow must have training and experience in the use of antibiotic administration in both the inpatient and ambulatory settings.

D. Ambulatory Clinic

- 5.24 Ambulatory care experience must be provided in both consultation and management services in infectious diseases.
- 5.25 This experience must also include training in the longitudinal care of patients with HIV.
- 5.26 The fellow must maintain a log of all outpatient cases.