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A practical approach for assessment and management

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It is well known that one of major complications of diabetes is foot infection, which is defined as 'soft tissue or bone infection below the malleoli'. It is the most common complication of diabetes mellitus leading to hospitalization and the most frequent cause of non-traumatic lower extremity amputation. Diabetic foot infections are diagnosed clinically based on the presence of at least two classic findings of inflammation or purulence. Infections are classified as mild, moderate, or severe. Most diabetic foot infections are polymicrobial. This type of infections are serious as most of the patients ignores them until get more serious as the patient usually does not feel any pain or feel minimal pain due to peripheral neuropathy and vasculopathy. In this presentation I will shed a light on this very important and serious diabetic complication and practical methods for management. The presentation will discuss the following points: (1) Clinical assessment of infected foot in diabetic patients and whether it is cellulitis, infected ulcer, septic arthritis and/or osteomyelitis. (2) Investigations, including blood and diagnostic imaging help in reaching the diagnosis. (3) The most common pathogens causes foot infections and appropriate selection and use of antibiotics. (4) Appropriate selection and use of the type of dressing suitable for each wound and infection. (5) When to seek orthopaedic consultation to consider amputation.

Biography

Nabil Al-Kayssi has done his graduation form medical college in Baghdad/ Iraq and granted M.B.Ch.B. in 1984, then he finished a master degree in Human anatomy, embryology and neuroscience in 1994 from Iraq. He was a lecturer and assistance professor of Human Anatomy in Iraq for 12 years. In 1999 Dr. Al-Kayssi immigrated to Canada and obtained a full licence of medical council of Canada in 2005 and then Canadian board in Family medicine in 2009. Dr. Al-Kayssi worked as family and emergency physician and as a Hospitalist at different Canadian hospitals from 2001. Now Dr. Al-Kayssi works as a Hospitalist and intravenous Clinic staff physician, infectious diseases at Sturgeon Hospital, Site Lead, East Edmonton Health Centre and Clinical lecturer at University of Alberta, Faculty of Medicine in Alberta, Canada.

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