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Management of diabetic foot in a Tertiary care Centre

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Diabetes Mellitus is a leading cause of Cardiovascular disease, Stroke, nephropathy, neuropathy, Retinopathy and Diabetic foot ulcers leading to morbidity and mortality. According to the International Diabetes Federation [1] approximately 463 million adults were affected with diabetes worldwide in 2019 with numbers expected to rise up to 700 million by 2045. Foot problems are common among diabetic patients [2], leading to a complex and serious complication of diabetes, with many outcomes requiring medical & surgical treatment. [3] In other words, 1 in every 3 people with diabetes will develop a DFU in their lifetime. [4] Diabetic patients have a 15% – 25% lifetime chance of developing a foot ulcer and a 50% – 70% recurrence rate over the next 5 years, and 85% of foot ulcer precedes lower-limb amputation. Out of 62 million diabetics in India, 25% develop DFUs, of which 50% become infected, requiring hospitalization, while 20% need amputation. DFUs contribute to approximately 80% of all nontraumatic amputations in India, annually. The average time required for healing of DFUs is 28 weeks. [5] This presentation focuses on how we manage the diabetic foot infections in a tertiary center at Sri Padmavathi Medical College for Women at state of Andhra Pradesh, India.

Biography

Ballapalli Hari Prasad MS, FMAS, FIAGES, FAIS, is an Associate Professor in the Department of General Surgery, FMAS - Fellowship in Minimal Access Surgery (2012) FIAGES - Fellowship in Indian Association of Gastrointestinal & Endoscopic Surgeons (2012) FAIS - Fellowship of Association of Indian Surgeons (2021) Global and regional diabetes prevalence estimates for 2019 and projections for 2030 and 2045: results from the international diabetes federation diabetes atlas 9th edition. Diabetes Research and Clinical Practice 157 (2019) Executive board member of Indian Podiatry Association (IPA). 15 years of academic experience and 7 research article publications of expertise include Laparoscopy & .

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