

Amit Jain's System of Practice: From Modern to Super Modern Diabetic Foot Surgery

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Abstract: One of the known diseases that have been neglected for decades is the diabetic foot. No wonder why it was called Cinderella of complications and often it was rendered as an orphan disease. However, over last one decade, one can notice development of various new concepts in this field. This article aims to highlight one such developments being the Amit Jain's principle and practice for diabetic foot, which is the modern diabetic foot surgery system and with introduction of various new concepts recently, it has taken a leap to super modern diabetic foot surgery system, This system was aimed at standardizing and improvising the practice of diabetic foot.

Keywords: Diabetic foot, Modern, Amit Jain, Super modern, Classification.

INTRODUCTION

Diabetes is a preponderant problem of the diabetic foot (Jain, A, K, C., 2020a). Patients with diabetic foot can have any of the problems that can affect them currently and they include gangrene, ulcer, abscess, cellulitis, etc and such patients can also have concurrent problems like hypertension, ischemic heart disease, etc (Jain, A, K, C., 2020a). Diabetic foot is known to pose a major health problem and often can lead to amputation which will result in increase morbidity and mortality (Jain, A, K, C., 2015).

In spite of knowing the problems associated with diabetic foot, for decades it was considered to be the Cinderella of complications (Dumont, I., 2010) and it was neglected. In fact, it was often considered to be an orphan disease (Paola, L, D. *et al.*, 2015).

In order to improvise and standardize the practice of diabetic foot, a new system of diabetic foot was developed (Jain, A, K, C., 2018a). This new principle and practice of diabetic foot is also known to be the modern diabetic foot surgery that consisted of various different concepts (Gopal,

S., & Haridarshan, S, J., 2019). The first component of Amit Jain's principle and practice of diabetic foot was the modern classification of diabetic foot complication which is a universal classification that encompasses almost all lesions seen worldwide (Singh, M., & Sahu, A., 2017; Gopal, S., 2018).

Subsequently, a surgical scoring, debridement grading system, osteomyelitis classification, diabetic foot ulcer classification, cellulitis staging, etc were developed in this system and distinct original research were done on them (Jain, A, K, C., 2018a; Gopal, S., & Haridarshan, S, J., 2019).

As time passed and this new system started gaining popularity, the author continued his urge to improvise this orphan disease. This led to development of further newer concepts in diabetic foot thereby taking a big leap from modern to super modern diabetic foot surgery (Figure 1).

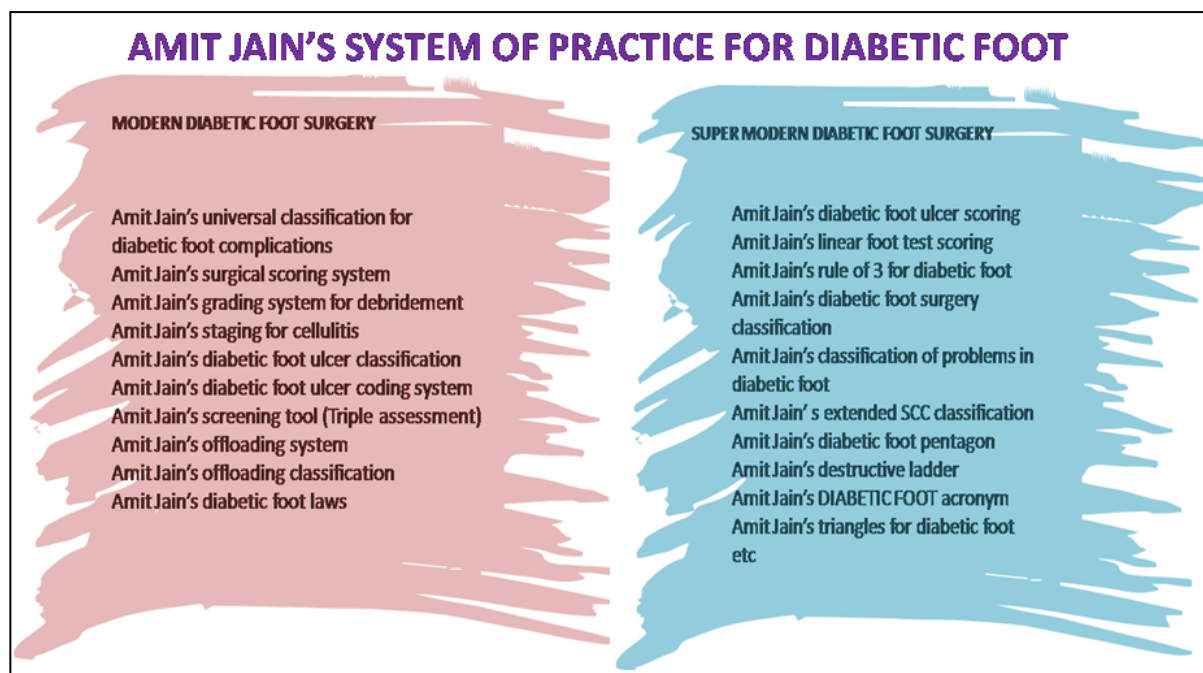


Figure 1 showing the Amit Jain's principle and practice of diabetic foot- the modern and super modern diabetic foot surgery system.

Newer concepts that were developed recently included diabetic foot ulcer scoring (Jain, A, K, C., 2020b), linear foot test scoring (Jain, A, K, C., 2020c), rule of 3 (Jain, A, K, C., 2018b), diabetic foot surgery classification (Jain, A, K, C., 2020d), diabetic foot pentagon (Jain, A, K, C., 2020e), amputation/destructive ladder (Jain, A, K, C., 2020f), triangles for diabetic foot (Jain, A, K, C., 2020g; Jain, A, K, C., 2020g), extended SCC classification (Jain, A, K, C., 2019), etc.

The author currently is still working on this new principle and practice for diabetic foot and aims to add further various new concepts in this super modern diabetic foot surgery.

CONCLUSION

Diabetic foot is a disease associated with many medical and non medical problems. Often, it is best to prevent complications and amputations rather than treating it. Various developments and evolution of new concepts have taken place in this field with Amit Jain's system of practice for diabetic foot being one. Addition of various newer concepts has led this modern diabetic foot surgery to evolve in to the super modern diabetic foot surgery.

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