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WIRE TECHNIQUE FOR ISCHAEMIC DISEASE OF LOWER LIMBS

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Introduction

Critical limb ischemia (CLI) is the reduced blood flow in the arteries of the lower extremities. It is a serious form of peripheral arterial disease, or PAD. If left untreated the complications of CLI will result in amputation of affected limb. The treatment experience of diabetic foot with transverse tibial transport was carried out by Ilizarov technique. Madura foot ulcer is not a common condition. It disturbs the daily activities of the patient. Pain swelling with multiple nodules with discharging sinus with discoloration (blackening) of the affected area is the main problem.

Materials and Methods

We treated total case: 36 from Jan. 2003 – Jan. 2020 (17yrs.)

Among these-

TAO- 20

Limb Ischemia- 5

Diabetic Foot- 9

Mycetoma pedis- 2

Infected sole and dorsum of the foot- 5

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the vascular surgeons, who did not have any other option for treatment. Hence we, re-affirm that Academician Prof. Ilizarov's method of treatment does help some patients suffering from these diseases.

Conclusions

By Ilizarov compression distraction device for TAO, modura foot ulcer, diabetic foot ulcer, mycetoma pedis ulcer, infected sole and dorsum of the foot ulcer were treated by introducing K/wires through the bones with proper vertical corticotomy. Application of this noble device will bring angiogenesis within the reach of all deserving patients.

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We recommend

Femoro-pedal distraction in staged reconstructive treatment of tibial aplasia

Andrea Laufer et al., *The Bone & Joint Journal*, 2020

Closed arthrodesis in infected neuropathic ankles using Ilizarov ring fixation

Yaser Alammari et al., *The Bone & Joint Journal*, 2020

Development of a rodent high-energy blast injury model for investigating conditions associated with traumatic amputations

Zepur Kazezian et al., *Bone & Joint Research*, 2021

Microvascular free flap coverage for salvage of the infected total knee arthroplasty

Gwo-Chin Lee et al., *The Bone & Joint Journal*, 2020

Quality of life after amputation in patients with advanced complex regional pain syndrome: a systematic review

Brijesh Ayyaswamy et al., *EFORT Open Reviews*, 2019

The diabetic foot: an overview for community nurses

Martin Turns, *British Journal of Community Nursing*, 2013

Chapter 5: Chronic Lower Limb Ischaemia, *Critical Ischaemia and the Diabetic Foot*

World Scientific

The diabetic foot: an overview of assessment and complications

Martin Turns, *British Journal of Nursing*, 2013

Peripheral nerve crushing to relieve chronic pain in diabetic and ischaemic foot ulcers

K. Nagasaki, *Journal of Wound Care*, 2016

Real-World Outcomes for Patients Treated With Immune Checkpoint Inhibitors

Cardiology Advisor, 2020

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