

metalogix

Revolution
EXTERNAL PLATING SYSTEM

THINK OUTSIDE THE CIRCLE

POSTERIOR FREEDOM | INFINITE POSSIBILITIES | STRENGTH & COMFORT



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MKT-0001-0008_LB
EFFECTIVE DATE: 4/25/2022

CHARCOT ARTHROPATHY CASE STUDY

PATIENT INFO

AGE	47
GENDER	Male
GENERAL HEALTH	Good
INDICATION	Charcot Arthropathy
CAUSE	Severe degeneration and dislocation of the rearfoot ankle
STRATEGY	Charcot Reconstruction with Static Frame Fixation
SURGERY DATE	06/07/2019

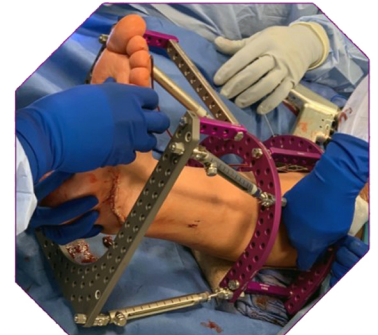
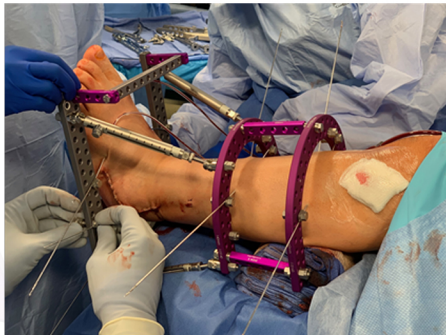
PRE-OP PHOTOS



SURGERY DETAILS

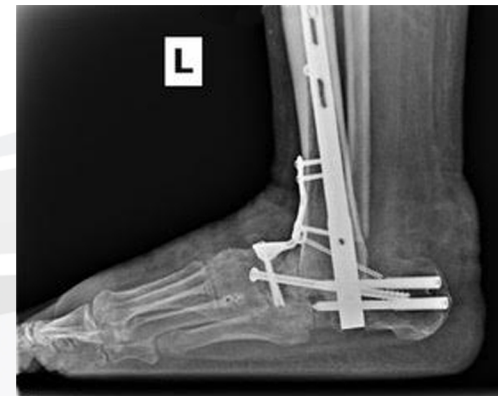
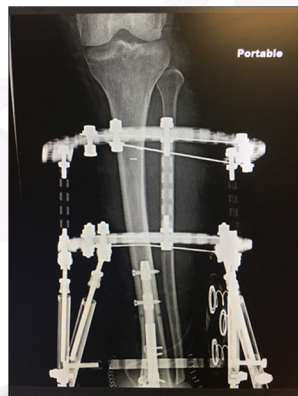
A PRE-ASSEMBLED FRAME WAS CONSTRUCTED PRIOR TO SURGERY. THE TIBIAL BLOCK HAD A 160MM N-PLATE FUNNELING DOWN TO A 140MM N-PLATE ALL CONNECTED BY THREE (3) 5-HOLE POSTS. THE BLOCK HAD FOUR (4) LONG SUPER STRUTS CONNECTING TO A 140MM FOOTPLATE. THE FOOTPLATE HAD A BRIDGE TO CLOSE IT OFF. THE BRIDGE CONSISTED OF 4-HOLE POSTS AND A 140MM FORE-FOOT BRIDGE.

THE SURGICAL APPLICATION OF THE REVOLUTION FRAME WAS STRAIGHT-FORWARD AND SUCCESSFUL. THE OPEN POSTERIOR PLATES ALLOW FOR EASY PLACEMENT OF THE FRAME.



POST-OPERATIVE

FRAME WAS REMOVED WITHOUT ISSUE ON 08/08/2019. PATIENT IS DOING GREAT AND ALL FUSION SITES HAVE HEALED.



Metalogix thanks Richard Derner, DPM, FACFAS, Past President, American College of Foot and Ankle Surgeons Program Director, Inova Fairfax Medical Campus, for participating in this case study.