



Transforming Powder Dressing Used Under Contact Cast for Complicated Charcot Arthropathy with Ulcer

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Introduction

When wounds complicate treatment of Acute Charcot Arthropathy, challenges with the requirements for optimal care of the wound may affect the choice of structural support and immobilization. A dressing that will be effective for the length of cast placement is a desirable.

Case Presentation

A diabetic male with a wound to his right foot, pathologic first metatarsal fracture and acute osteomyelitis underwent first ray amputation despite aggressive IV antibiotic therapy, Hyperbaric Oxygen Therapy and wound care. After having healed, he returned in 7 weeks with acute warmth and swelling. X-rays demonstrate changes of Acute Charcot Arthropathy. A wound developed and was treated with Transforming Powder dressing.

Methods

Transforming Powder dressing was used with cadexomer iodine and becaplermin to control bioburden and impact healing while in contact cast.

Results

Transforming Powder dressing works well under a total contact cast and stays in place. This dressing is effective in providing covering to bring about wound healing.



Arthropathy stabilized with Contact Casting



Patient developed warm swollen foot and Arthropathy 7 weeks after he healed



Heel wound developed while in Contact Casting



Transforming Powder used over an active; i.e., becaplermin.



Transforming Powder applied over active



Wound healed with active management under contact cast.

Conclusions

Transforming Powder dressing has unique properties and applications that make it a preferred choice for a wide variety of applications. Difficulty in addressing Charcot Arthropathy when complicated with a wound requiring treatment poses a structural support problem as well as a wound problem. This new and unique dressing works well under a total contact cast to treat complicated wounds.

References

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