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Abstract Template

Title: Mycobacterium Tuberculosis Infection of a Total Ankle Implant Following Bacillus Calmette-Guerin Administration for Treatment of Bladder Carcinoma

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Keywords: Total Ankle Replacement, TAR, Mycobacterium tuberculosis, bladder carcinoma treatment

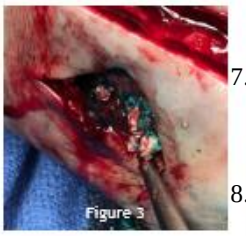
I. Abstract Body (up to 250 words)

II. Intravesical bacillus Calmette-Guerin (BCG) instillation is a commonly used treatment for urothelial bladder carcinoma. Soft tissue manifestation of Mycobacterium tuberculosis (M. tuberculosis) following administration of BCG is exceedingly rare. Few cases of periprosthetic M. tuberculosis infections have been reported, however they have been isolated to the hip and knee. This case study presents a well-healed total ankle arthroplasty subsequently infected with M. tuberculosis resulting in a non-salvageable limb. It is important to also be cognizant of the treatment algorithm for infected total arthroplasties as there is some debate in the current literature as to when to explant the hardware. Here we will clearly define our treatment procedure to give insight on the future of management of infected arthroplasties.

III. Image:







Figures 1 & 2. Right ankle X-ray before and after fibula plate and screw removal.
Figure 3. Intra-operative photograph of caseous material in the posterolateral ankle.





Figure 4. Intraoperative photograph after explantat
Figure 5. Right ankle X-ray with cement spacer





Figure 6. Intraoperative photography of the below-knee amputation
Figure 7. Below-knee amputation healing well

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V. Biography:

Christopher Attinger, MD, is board certified plastic surgeon, located at our MedStar Georgetown University Hospital location. Dr. Attinger is Director of the Center for Wound Healing and Professor for our MedStar Plastic & Reconstructive Surgery Department.

His experience during his two tours of duty in the Vietnam War led Dr. Attinger to his career in medicine. The complexity and challenges of healing wounds while preserving function is the key to his continued focus within reconstructive surgery and wound care.

As a wound care specialist and surgeon, he focuses on using limb-saving techniques and amputation to give patients the ability to take full advantage of their physical capabilities.

He leads a team that specializes in preventing and treating lower extremity complications caused by Diabetes. The team includes Vascular, Plastic, Podiatric and Orthopedic Surgeons, as well as Prosthetitists, Hyperbarists, Hospitalists and Infectious Disease specialists, who provide seamless care and expertise that is tailored to return patients to their optimal function.



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