



Classic Article Series: Surgical Site Infections

Peri-operative Considerations:

- Akinyoola A.L., Adegbehingbe O.O., Odunsi A. “Timing of Antibiotic Prophylaxis in Tourniquet Surgery.” *J Foot Ankle Surg.* 2011 Jul-Aug, 50(4): 374-6.
- Bibbo C., Patel D.V., Gehrman R.M., Lin S.S. “Chlorhexidine Provides Superior Skin Decontamination in Foot and Ankle Surgery: a Prospective Randomized Study.” *Clin Orthop Relat Res.* 2005 Sep, 438: 204-8.
- Deacon J.S., Wertheimer S.J., Washington J.A. “Antibiotic Prophylaxis and Tourniquet Application in Podiatric Surgery.” *J Foot Ankle Surg.* 1996 Jul-Aug, 35(4): 344-9.
- Kubota A., Nakamura T., Miyazaki Y., Sekiguchi M., Suguro T. “Perioperative Complications in Elective Surgery in Patients with Rheumatoid Arthritis Treated with Biologics.” *Mod Rheumatol.* 2012 Nov, 22(6): 844-8.
- Mote G.A., Malay D.S. “Efficacy of Power-Pulsed Lavage in Lower Extremity Wound Infections: a Prospective Observational Study.” *J Foot Ankle Surg.* 2010 Mar-Apr, 49(2): 135-42.
- Rabih O. Darouiche et al. “Chlorhexidine–Alcohol versus Povidone–Iodine for Surgical-Site Antisepsis.” *NEJM*, 2010, 362: 1, 18-26.
- Zgonis T., Jolly G.P., Garbalosa J.C. “The Efficacy of Prophylactic Intravenous Antibiotics in Elective Foot and Ankle Surgery.” *J Foot Ankle Surg.* 2004 Mar-Apr, 43(2): 97-103.

Managements of Co Morbidity-related Infection

- Feilmeier M., Dayton P., Sedberry S., Reimer R.A. “Incidence of Surgical Site Infection in the Foot and Ankle with Early Exposure and Showering of Surgical Sites: a Prospective Observation.” *J Foot Ankle Surg.* 2014 Mar-Apr, 53(2):173-5.
- Kowalski T.J., Matsuda M., Sorenson M.D., Gundrum J.D., Agger W.A. “The Effect of Residual Osteomyelitis at the Resection Margin in Patients with Surgically Treated Diabetic Foot Infection. *J Foot Ankle Surg.* 2011 Mar-Apr, 50(2): 171-5.
- Lee J. et al. “Surgical Site Infection in the Elderly Following Orthopaedic Surgery: Risk Factors and Outcomes.” *JBJS* 2006, 88(8): 1705-1712.
- Soni A., Vollans S., Malhotra K., Mann C. “Association between Smoking and Wound Infection Rates Following Calcaneal Fracture Fixation.” *Foot Ankle Spec.* 2014 Jul 15, 7(4): 266-270.

Wukich D.K., Crim B.E., Frykberg R.G., Rosario B.L. "Neuropathy and Poorly Controlled Diabetes Increase the Rate of Surgical Site Infection after Foot and Ankle Surgery." *J Bone Joint Surg Am.* 2014 May 21, 96(10): 832-9.

Wukich D.K., McMillen R.L., Lowery N.J., Frykberg R.G. "Surgical Site Infections after Foot and Ankle Surgery: a Comparison of Patients With and Without Diabetes." *Diabetes Care.* 2011 Oct, 34(10): 2211-3.

Step-wise Approach to Treatment:

Cho E.H., Garcia R., Pien I., Thomas S., Levin L.S., Hollenbeck S.T. "An Algorithmic Approach for Managing Orthopaedic Surgical Wounds of the Foot and Ankle." *Clin Orthop Relat Res.* 2014 Jun, 472(6): 1921-9.

Miller W.A. "Postoperative Wound Infection in Foot and Ankle Surgery." *Foot Ankle.* 1983 Sep-Oct, 4(2): 102-104.

Zgonis T., Stapleton J.J., Roukis T.S. "A Stepwise Approach to the Surgical Management of Severe Diabetic Foot Infections." *Foot Ankle Spec.* 2008 Feb, 1(1): 46-53.

Surgical Site Infection Control and Cost:

Anderson, D.J. "Surgical Site Infections." *Infectious Disease Clinics of North America*, 2011;25(1), 135-153.

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