Corewell Health Colege of Human Medicine



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ORIGINAL ARTICLE

Surgery or Endovascular Therapy for Chronic Limb-Threatening Ischemia

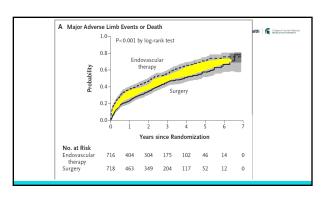
A. Farber, M.T. Menard, M.S. Conte, J.A. Kaufman, R.J. Powell, N.K. Choudhry, T.H. Hamza, S.F. Assmann, * M.A. Creager, M.J. Cziraky, M.D. Dake, M.R. Jaff, D. Reid, F.S. Siarri, G. Sopko, C.J. White, M. van Over, M.B. Strong, M.F. Villarreal, M. McKean, E. Azene, A. Azabal, A. Barleben, D.K. Chew, L.C. Clavijo, Y. Douville, L. Findeiss, N. Garg, W. Gasper, K.A. Giles, P.P. Goodong, B. M. Hawkins, C.R. Herman, J.A. Kalish, M.C. Koopmann, I.A. Laskowski, C. Mena-Huttado, R. Motaganahalli, V.L. Rowe, A. Schanzer, P.A. Schneider, J.J. Siracuse, M. Venermo, and K. Rosenfield, for the BEST-CLI Investigators ?

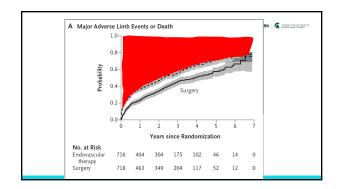
Background and Objectives

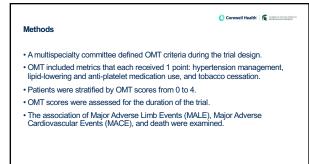
• The use of guideline-directed optimal medical therapy (OMT) is considered a cornerstone of treatment in patients with chronic limb threatening ischemia (CLTI).

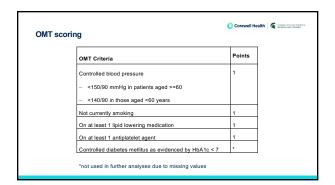
• The Best Endovascular vs Best Surgical Therapy in Patients with CLTI (BEST-CLI) compared revascularization strategies in patients with CLTI.

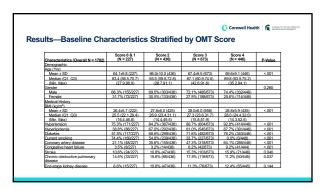
• In this pre-specified analysis, we studied the effect of OMT intensity on the outcomes of patients with CLTI.

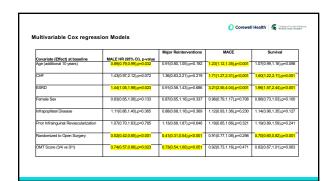


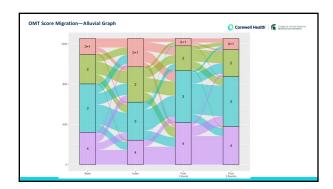


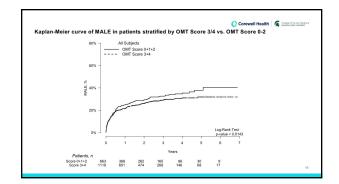


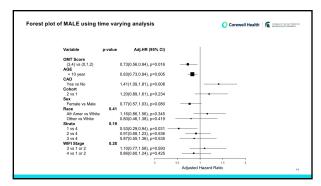












Conclusions

•In a clinical trial setting of patients with chronic limb threatening ischemia, medical therapy use improved modestly early in a trial environment but was highly variable through the trial follow up.

- Higher OMT scores were associated with reduced risk of MALE and major reintervention in patients undergoing revascularization for CLTI.
- More intensive medical therapy was not associated with lower risk of MACE, including death.

