

IUC23424-80 - Comparative Analysis of Wallace Versus Bricker Anastomosis in Radical Cystectomy: A Prospective Study of 50 Patients

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Introduction: Radical cystectomy remains the gold standard for muscle-invasive bladder cancer. Ileal conduit diversion is performed using Wallace or Bricker anastomosis.

Objectives: To compare outcomes of Wallace and Bricker anastomosis in terms of operative time, leakage, stricture, UTI, and renal function.

Materials and Methods: Prospective study of 50 patients randomized into Wallace (n=25) and Bricker (n=25) groups undergoing radical cystectomy with ileal conduit diversion.

Results: Bricker showed shorter operative time ($p < 0.05$). Wallace had slightly higher leakage (12% vs. 8%), similar stricture rates, but lower UTIs (28% vs. 36%). No significant long-term renal deterioration in either group.

Conclusion: Both techniques are effective. Bricker is time-efficient; Wallace may reduce long-term conduit complications. Larger studies are needed.

