

**TITLE: CHEMORADIOTHERPAY AND TRANSANAL EXCISION FOR RECTAL CANCER.**

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**RESEARCH PROJECT DESCRIPTION:**

**BRIEF OVERVIEW:** Rectal cancer patients typically undergo radical resection of the rectum usually after neoadjuvant chemoradiation therapy. Patients who are medical unfit for or who refuse radical resection undergo transanal excision with preservation of the rectum usually with chemoradiation therapy.

**HYPOTHESIS:** Rectal cancer patients who undergo chemotherapy and or radiotherapy in conjunction with transanal excision rather than radical resection have acceptable oncologic outcome.

**METHODS:** The study will aim to provide an update on a previous report from University of Florida in 2006 reporting our single center experience with rectal cancer patients who undergo chemotherapy and or radiotherapy in conjunction with transanal excision.

**ROLE OF MEDICAL STUDENT:** The Medical student will help obtain the retrospective data from the patient charts. Student will also work in conjunction with the faculty to analyze the data and write a manuscript.

**FUNDING AND RELEVANT PUBLICATIONS:** No funding source. The previous manuscript from UF in 2006 is below:

Preoperative radiotherapy alone or combined with chemotherapy followed by transanal excision for rectal adenocarcinoma. Meadows K, Morris CG, Rout WR, Zlotecki RA, Hochwald SN, Marsh RD, Copeland EM, Mendenhall WM. Am J Clin Oncol. 2006 Oct;29(5):430-4. PMID: 17023774