

**Oral Presentation Abstract: O11**

**Title:**

A study of the efficacy of porcine dermal collagen (Permacol) injection for passive faecal incontinence in the Colorectal Unit (CRU) at the Wits Donald Gordon Medical Center (WDGMC)

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**Aim:**

Passive faecal incontinence (FI) is usually due to a localized defect in the internal sphincter or loss of anal cushion tone which cannot be surgically repaired. It is often managed by the injection of bulking agents into the perianal sace. While the response to other bulking agents has been reported the effects after the use of Permacol as the buking agent have not been described.

**Objectives:**

To assess changes in quality of life in patients post Permacol injection for passive faecal incontinence

**Methods:**

Patients with FI who had Permacol injections between January 2012 and December 2013 were identified and asked to complete both the Wexner and FI QOL questionnaire. Patients were asked to complete the questionnaires for their quality of life before the procedure as well as currently.

**Results:**

Out of a total of 14 patients, 12 were women. The average age was 52.3 years and range of follow up was 2.9 to 26.9 months. There was a significant (p=0.0005) decrease in the Wexner score and a significant (p=0.005) increase in the FI QOL score post injection.

**Conclusion:**

Permacol injection in the perianal space in this group of patients produced a significant improvement in quality of life.