Purpose: The Procon 2® is an FDA approved anal plug which provides a non surgical option for patients with fecal incontinence. The aim of the study was to assess patient experience and satisfaction with the device.

Methods: Patients being evaluated in a bowel continence clinic for fecal incontinence were recruited for a two week trial of the Procon-2® evaluating patient satisfaction with the device and symptom control. Patients with anal trauma, malignancy, or inflammation were excluded.

Results: 20 patients, 6 male were included in the study. 10 (4 male) patients discontinued use due to inability to successfully insert the device or inability to retain it after successful insertion. 10 patients completed the two week study period and are the basis for the results. No complications related to the device were reported. The mean age was 68 (range 29-89) years. 3/10 patients rated 10/10 for satisfaction with the treatment (mean = 7.67). 6/10 stated they were improved or much improved in their symptoms. Satisfaction with ease of using the device was rated at a mean of 7.6/10. 2 patients (22%) reported “few” new symptoms after usage. 9/10 (90%) reported that they would recommend this device to others and 6/9 (67%) reported they would use it indefinitely. Recommendations to improve the device included shorter tube (6 patients), thinner tube and have a mark indicating the length of the tube to be inserted.

Conclusions: The Procon 2® device is an effective non surgical option for patients with fecal incontinence in a select group of patients with limited therapeutic options. Patient selection is critical and dexterity and anal tone are important for device placement and retention. Improvements in design may increase a patient’s ability to successfully use the device.