DELORME PROCEDURE
The mucosal lining of the prolapsed rectum is stripped and rectal wall muscle is plicated.

THIERSCH LOOP
The anus is tightened by wrapping it with an implanted permanent material.

To make an appointment or ask a question, call the Division of Colon and Rectal Surgery at 617-636-6190.

For urgent problems, call the Tufts Medical Center operator at 617-636-5000 and ask for the on-call physician for Colon and Rectal Surgery.

Tufts Medical Center is easily accessible by car from the Massachusetts Turnpike (Route 90), the Central Artery and the Southeast Expressway (Route 93). Tufts Medical Center is located in downtown Boston, in Chinatown and the Theater District and within walking distance of the Boston Common, Downtown Crossing and many hotels and restaurants. For directions, visit www.tuftsmedicalcenter.org/AboutUs/Directions.
Rectal prolapse is a mechanical problem of loss of internal rectal fixation. Although medical treatment can help produce soft regular bowel movements and decrease the stress on the area, only surgical repair can eliminate the problem.

Surgical Options
Surgical repairs are designed to either remove the prolapsed rectum or to fix the rectum up in the pelvis. There are two main surgical approaches — transabdominal (through the front of the abdomen) or perineal (from the bottom).

Abdominal
- Frykman repair — sigmoid colon resection, rectal mobilization and rectopexy
- Rectopexy alone — suture the rectum to the sacrum
- Ripstein repair — anchoring the rectum to the sacrum with a piece of permanent mesh

Perineal
- Altmeier proctectomy & levatoroplasty — removing the prolapsed rectum and tightening up the pelvic floor muscles
- DeLorme procedure — stripping the mucosal lining of the prolapsed rectum and plicating the rectal wall muscle
- Thielsch loop — tightens the anus by wrapping it with an implanted permanent material

Frykman Repair
Sigmoid colon resection rectal mobilization and rectopexy.

Ripstein Repair
The rectum is anchored to the sacrum with a piece of permanent mesh.

Altmeier Proctectomy & Levatoroplasty
The prolapsed rectum is removed from the bottom and the pelvic floor muscles are pulled together.