Supplementary Appendix

This appendix has been provided by the authors to give readers additional information about their work.

Appendix 1. CT Colonography Technique

**Stool Tagging** (24 hours prior to laxatives)

16 grams Barium sulfate (Tagitol V, Lake Success, NY) in three divided doses 4-6 hours apart

**Bowel cleansing** (ordered at the preference of the referring physician) Administered day prior to examination

- Polyethylene glycol electrolyte lavage (generally 4 liters)
- Or
- Magnesium Citrate (generally 300 ml)
- Or
- Phosphosoda (45-90 ml)

Plus (added to any of the three regimens above)

- Bisacodyl tablets (generally 10 mg)

**Fluid Tagging (taken orally the evening prior to the examination)**

- 60 ml water-soluble iodinated oral contrast material (diatrizoate meglumine and diatrizoate sodium, Gastroview, Mallinckrodt Imaging, ST. Louis, MO)

**Glucagon** (administered 7-15 minutes prior to CT acquisition unless contraindicated or refused by patient)

- 1 milligram subcutaneously.
Appendix 2. Patient accrual flowchart