1. Identify all surgeries with total abdominal colectomy code.

   **Total Abdominal Colectomy:**
   CPT Codes: 44210, 44150, 44151
   ICD-9 Codes: 45.79, 45.8, 45.81, 45.82, 45.83
   ICD-10 Codes: ODTE0ZZ, ODTE4ZZ

2. Identify total abdominal colectomies with co-occurring code for ileoanal pouch

   ![Diagram showing total abdominal colectomy code + ileoanal pouch code equals total proctocolectomy with ileal pouch anal anastomosis]

3. If not ileoanal pouch: proceed to next step – categorizing total proctocolectomies with ileostomies

   ![Diagram showing total abdominal colectomy code + proctectomy code + ileostomy code equals total proctocolectomy with ileostomy]

4. If not total proctocolectomy with ileoanal pouch or total proctocolectomy with ileostomy, remaining surgeries classified as total abdominal colectomies