26602 patients underwent CS, including urgent CS.

123 patients underwent urgent CS with the symptom of acute lower gastrointestinal hemorrhage; patients with iatrogenic hemorrhage were excluded.

51 patients were diagnosed with other diseases.

Cases

72 patients were diagnosed with colonic diverticular hemorrhage.

Controls

149 patients were diagnosed with non-bleeding colonic diverticula; controls were age- and gender- matched.

Between January 2009 and December 2012, CS, colonoscopy