A comparative study among elective conventional surgery, urgency/emergency conventional approaching and elective video laparoscopic surgery on the treatment of hospitalized patients at First Surgical Clinic of Federal Hospital of Bonsucesso with diagnosis of colorectal adenocarcinoma, between January 2010 and December 2012

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A retrospective study was done at First Surgical Clinic of Federal Hospital of Bonsucesso, on ward in patients with a diagnostic of colorectal adenocarcinoma hospitalized between January 2010 and December 2012, and followed outpatients until December 2013 (227 patients). The patients were divided into three groups: Those who were submitted to a conventional resection (152 patients), those who were submitted to a video laparoscopic approaching (57 patients) and finally those who, while the ward hospitalization needed an emergency approaching because of an obstruction and/or bleeding (27 patients). Each group was analyzed in relation to age, time of hospitalization, postsurgical staging and complications (Clavien’s Classification). The groups were compared among themselves evaluating the comparative significance of the studied variables. The statistical evaluation highlighted three variables: Time of hospitalization, complications and staging. Most of the patients who were submitted to an emergency surgery had a shorter time of hospitalization (p=0.00000497). The lower incidence of complications was related to the group who was submitted to the video laparoscopic surgery (p=0.002072). On the elective conventional surgeries the percentage of death was high. Besides, a high percentage of patients submitted to the video laparoscopic surgery were in earliest stages of the disease. On the other hand, as expected, a high percentage of patients submitted to the emergency surgery was in more advanced stages of the disease (p=0.047).

Biography
Flavia Secco Tavares de Souza is doing Medicine Graduation Course at the Federal University of Rio de Janeiro and Federal Hospital of Bonsucesso. She is a participant of the study group formed by: Dr. Flavio Antonio Sa Ribeiro.