

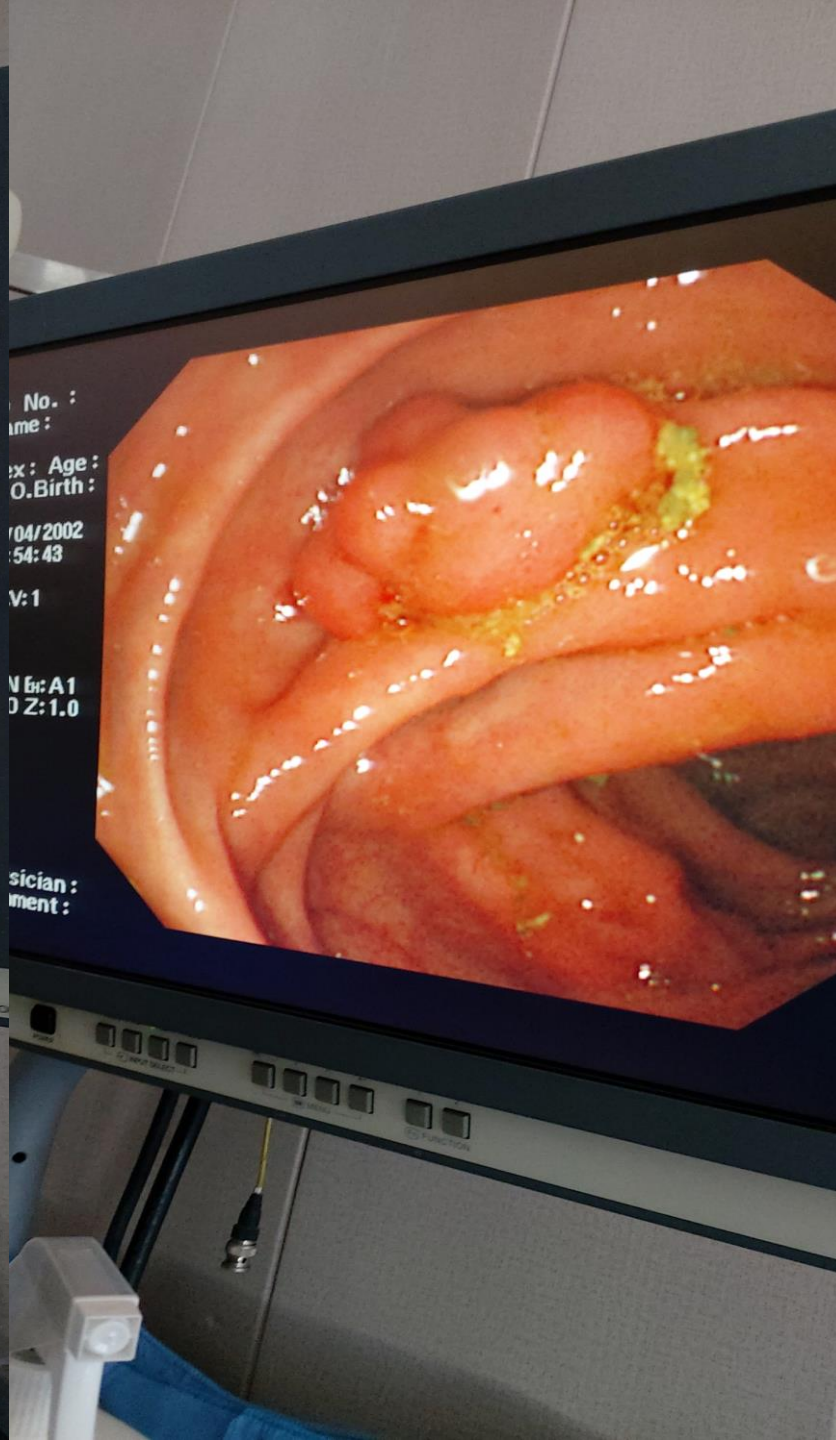
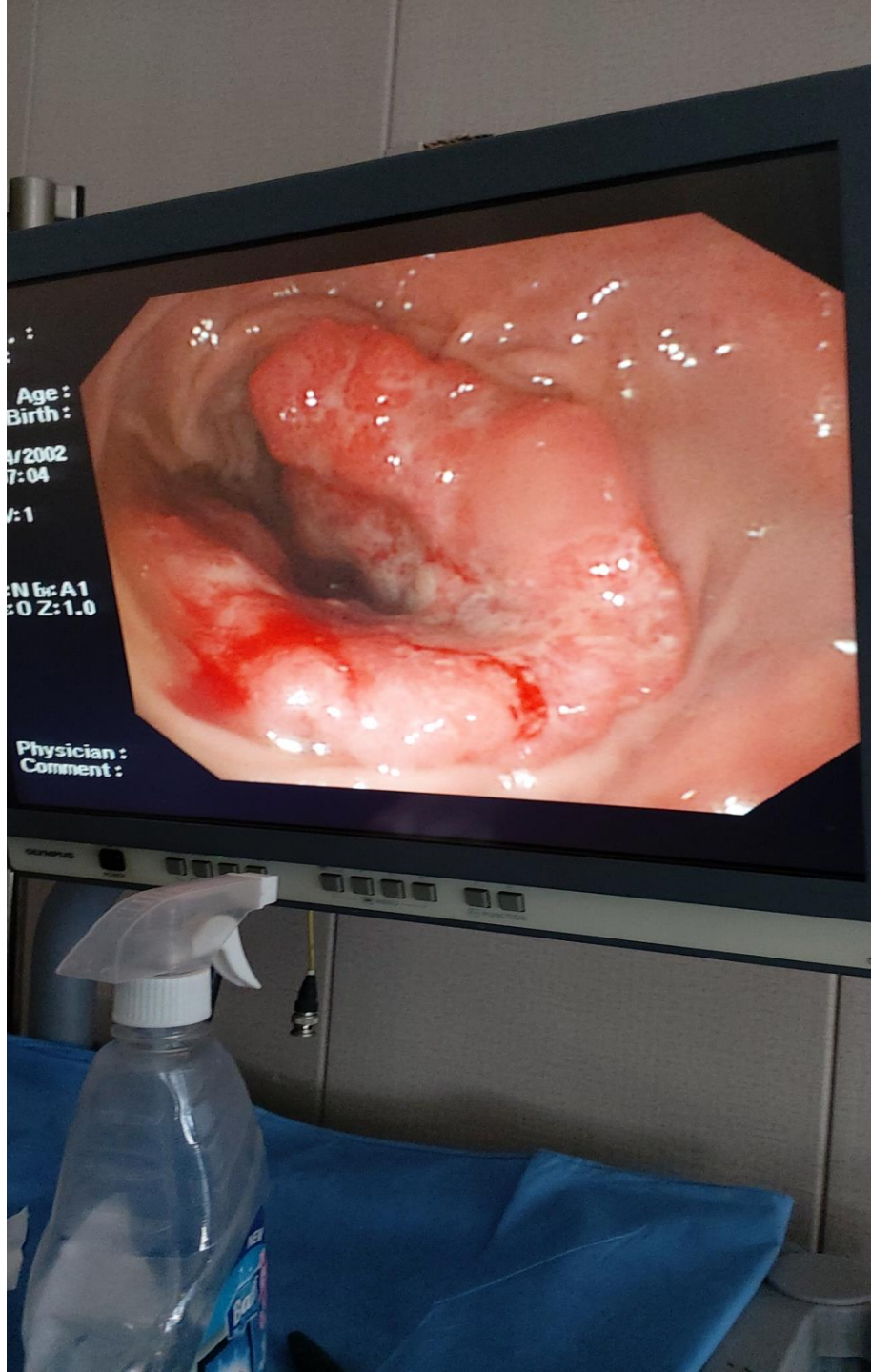
ENDOSCOPIC RESECTION OF COLONIC TUMOR BY COLONOSCOPY

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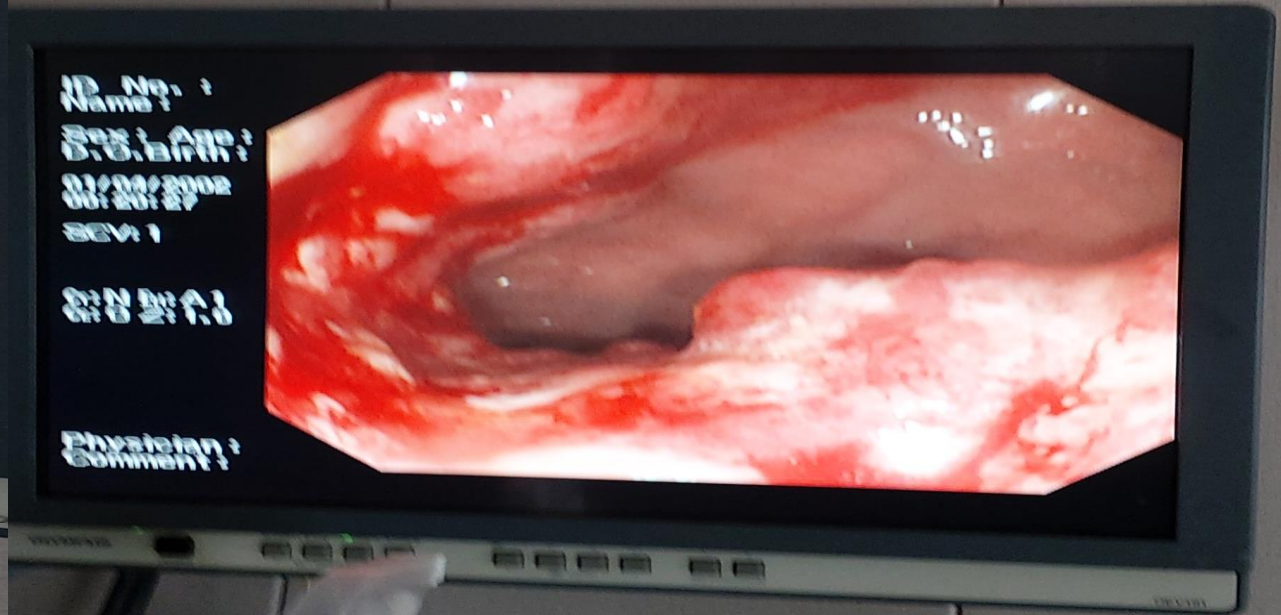
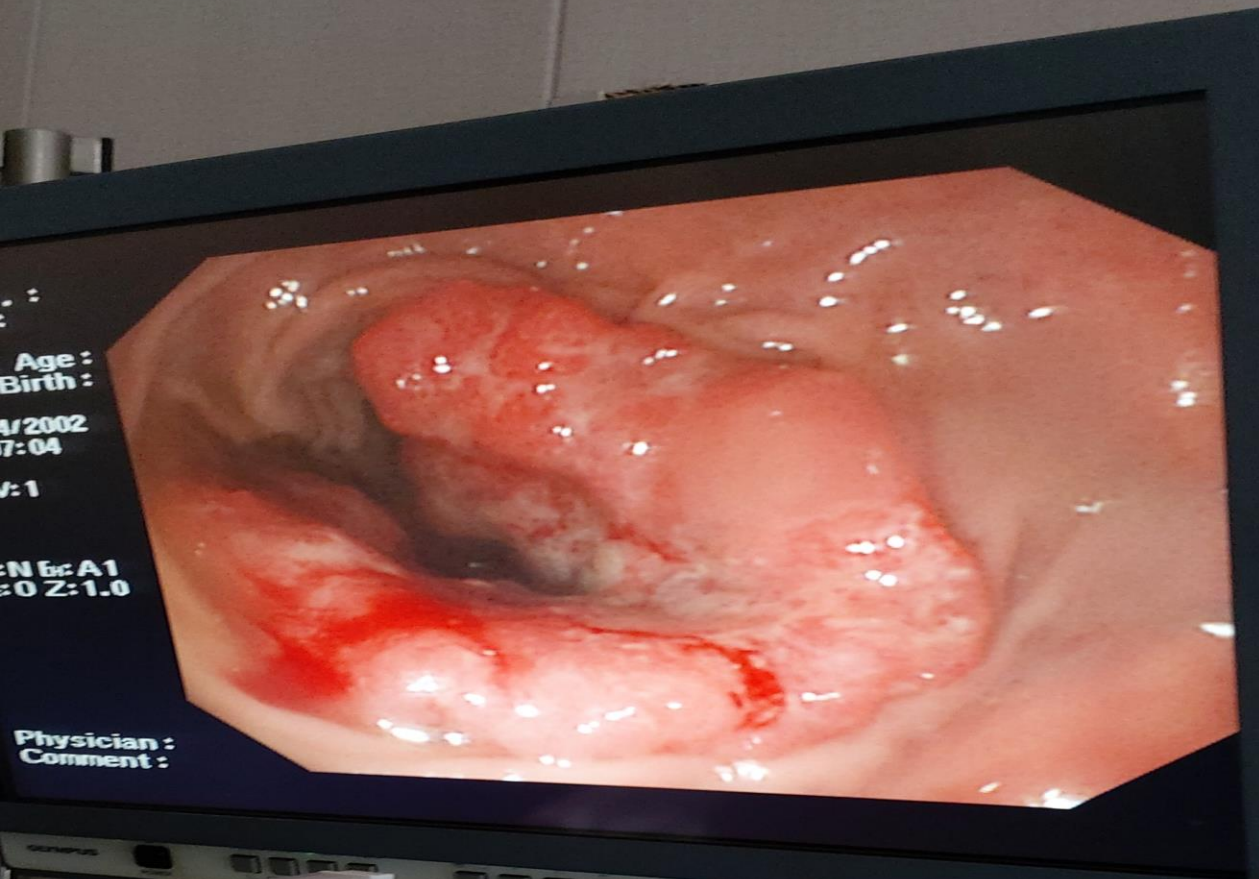
Introduction : Colonoscopy is lower gastrointestinal endoscopy including the colon and terminal ileum , we have diagnostic and therapeutic colonoscopy . The endoscopic resection of large colonic tumor by endoscope is now replacing the classical opened and laparoscopic surgery as NOTES (Natural Orifice Transluminal Endoscopic Surgery) which is incisionless surgery resecting tumors or polyps from the colon for diagnostic and therapeutic and preventive purposes to prevent malignancy change of colonic polyps.

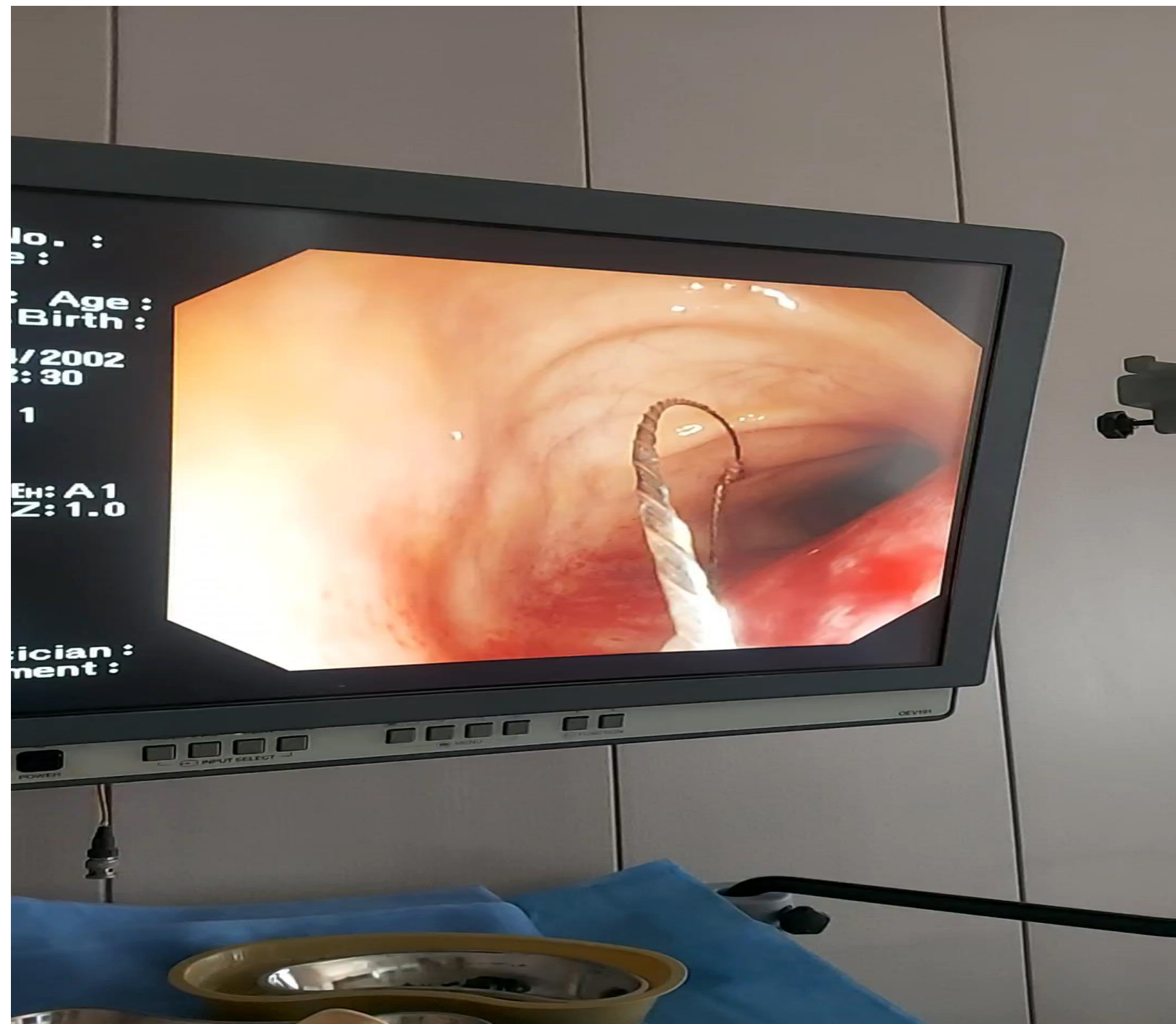
Discussion :

- Now therapeutic colonoscopy replace the classical surgical operation of colonic tumor and some of Colonic obstructions and volvulus .
- There are many procedures for polypectomy including :
- Cold Forceps Polypectomy for small polyp less than 5mm .
- Hot forceps with electrocautery polypectomy for small polyps up to 6mm .
- Cold and hot Snare Polypectomy for larger Polyps more than 10mm , electrocautery also used for bleeding control .
- Endoscopic Mucosal Resection (EMR) Or Submucosal resections of the Sessile Polyps using some times submucosal adrenalin injection to decrease the incidence of bleeding.
- Tattooing by Indian ink of small residual polyps is important for future polypectomies and surveillance of colonic polyps.

Conclusion :

- Therapeutic Colonoscopy polypectomy is evolving procedures , cold polypectomy by forceps for small polyp and cold and hot snare method for larger polyps replacing the classical surgery , tattooing of residual polyp for future polypectomies is decreasing the incidence of Colonic Cancer . Electrocautery , endoclip and endoloop for controlling bleeding complication after polypectomy and perforation .





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