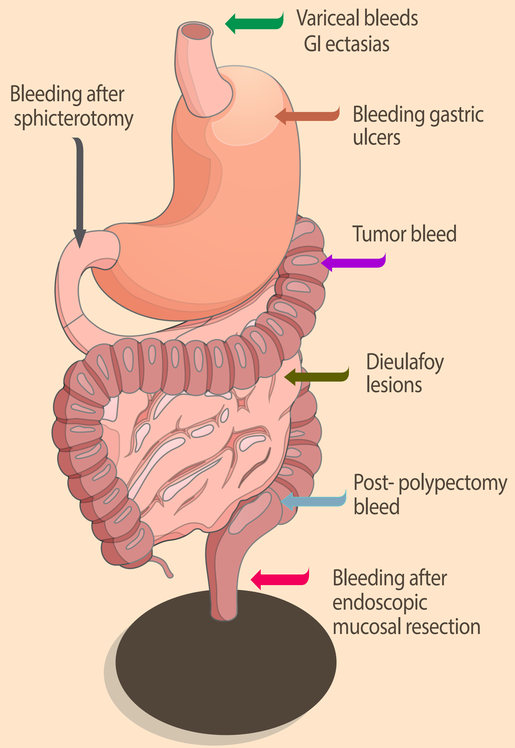
HEMOSTATIC SPRAY, RESCUE TO SEVERE POST-PANCREATICODUODENECTOMY HEMORRHAGE

A NOVEL TECHNIQUE TO USE

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INTRODUCTION

Hemostatic spray is a mineral-based product which absorbs fluid 30 to 40 times its dry weight, and a combination of fluid absorption, clotting, and coating the area results in hemostasis.

EARLY HEMORRHAGE (Less than 24hrs) due to technical failure in achieving hemostasis

LATE HEMORRHAGE (More than 24 hrs) erosion of vessel after pancreatic fistula formation , marginal ulcer, dehiscence of suture ine, vascular injury peroperatively.

CASE REPORT

Irshad bibi w/o Muhammad Ijaz, 52 year old female, diagnosed case of MODERATELY DIFFERENTIATED ADENOCARCINOMA OF AMPULLA OF VATER underwent EXPLORATORY LAPAROTOMY AND PYLORUS PRESERVING WHIPPLE'S PROCEDURE with reconstruction of pancreatic stump as pancreatico-gastrostomy. Intra-abdominal drains were placed at sub-hepatic space and at the site of pancreaticogastrostomy. Her treatment plan included gastric ulcer prophylaxis sandostatin (100mcg) and DVT prophylaxis (LMWH).

04 Post Operative Day

She had an episode of malena

05 Post Operative Day

She had one episode of hematemesis with vomitus containing fresh blood She developed grade 3 hemorrhagic shock (grade C PPH). An urgent upper GI endoscopy was arranged after stabilizing the patient. Her stomach was filled with clotted blood and a huge clot was seen at the posterior wall of the stomach that couldn't be dislodged and suspicion of bleeding at site of pancreaticogastric anastomosis was made.

06 Post Operative Day

Follow up upper GI endoscopy depicted ulcerated surface of pancreatic stump visible in stomach, also clean based ulcers were seen at the anastomotic site of small intestine with stomach (marginal ulcer). Hemospray was applied on pancreatic surface and hemostasis was

CONCLUSION

Hemostatic powder can be eminently used in maintaining hemostasis after life threatening class B or class C intra luminal hemorrhage from either anastomotic suture line or marginal ulcer at the site of anastomosis.

