

Gastrostomy: A percutaneous laparoscopic technique

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© 2019 Elsevier Inc. Several techniques are available for a gastrostomy concomitant with a major abdominal surgery, i.e., there is no 'standard' technique. Here, we present our results of a novel concomitant gastrostomy developed for the Nissen fundoplication. It combines the laparoscopic instrumentation with the kit for percutaneous endoscopic gastrostomy. Once the fundoplication is completed, the gastrostomy is performed in three stages. First, with the orogastric tube and snare, the loop of wire is left in the peritoneal cavity; next, a guide-wire introduced into the peritoneal cavity from the abdominal wall, is taken with the loop, and retrieved at the mouth; finally, the gastrostomy tube is pulled with the guide-wire from mouth to abdominal wall. Only laparoscopic instrumentation is used to choose the site in the stomach, and to perform the puncture; hence, the gastroscope is unnecessary. By choosing the proper sites, stomata are aligned and free of lateral strains making the gentl