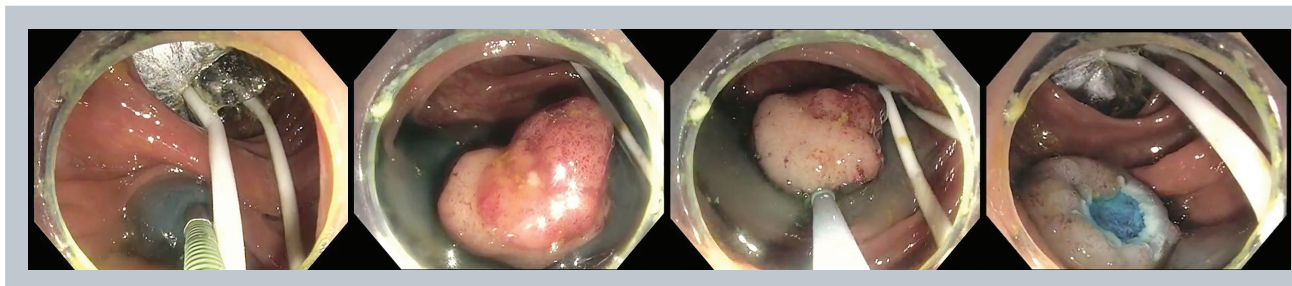

Patient History:

70 Year old male, COPD, BPH, Chronic low back pain, referred from the VA; Previous Colonoscopy showed a 20mm polyp at Hepatic Flexure, 30mm polyp at Splenic Flexure.

Procedure:

DiLumen™ EIP assisted polypectomy. Intervention was performed under sedation in the Endoscopy Suite at Geisinger Hospital. Patient was positioned supine. The DiLumen was loaded over a standard colonoscope for a repeat colonoscopy. The device/scope reached the cecum in 22 minutes without issue. On scope return, Dr. Diehl removed the 20mm polyp at the hepatic flexure with use of a hot snare.

When the transverse colon was reached on continued withdrawal, Dr. Diehl began to set up the double balloon Therapeutic Zone™ by inflating the aft balloon to increase scope stability. On fore-balloon extension and flattening of the folds, the 30mm polyp became visible as it was previously hidden. This enabled excellent visualization and stability in order to more effectively attack the lesion. After a methylene blue and saline injection to lift the lesion, the endoscopic view afforded by the device expedited an en bloc EMR with a hot snare. Both DiLumen balloons were utilized for removal of the polyp. Post-resection, the fore balloon was deflated partially and utilized as a retrieval basket for the specimen. There were no adverse events.



Results:

42 min total time from balloons in to balloons out. 20 minutes to remove 2 polyps; 1 polyp via snare, 1 polyp en bloc EMR assisted by DiLumen. The pathology results for the resected polyp confirms villous adenoma.

Discussion:

This polyp wasn't seen in the colon originally, until the fore balloon was deployed using one of the benefits of the DiLumen, which is traction to help flatten and see around the folds of the colon. Using the fore balloon as a retrieval basket for the polyp, also enabled the physician to use one less device in the procedure. "DiLumen enabled me to resect this lesion en block instead of in a piecemeal fashion by improving visualization and stabilization," commented Dr. Diehl.



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