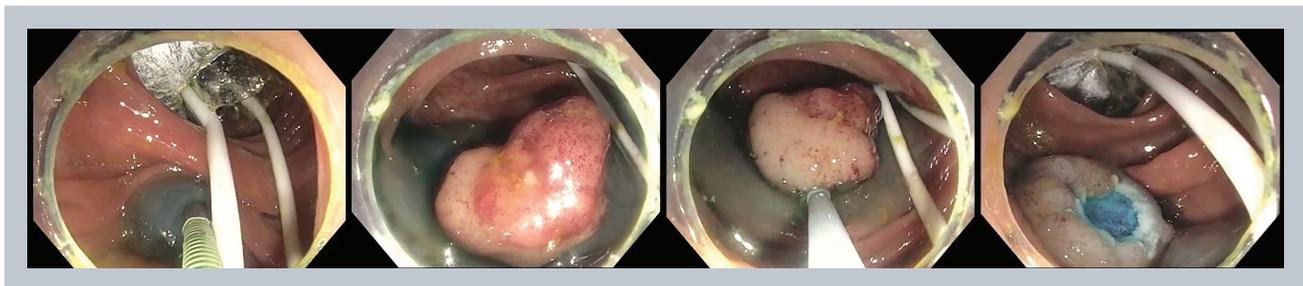

Patient History:

70 Year old male referred from the local VA Medical Center. He had undergone a colonoscopy and a 20mm polyp was found at the hepatic flexure, and a 30mm polyp at the splenic flexure. He was referred to the advanced endoscopy department at Geisinger for management of these.

Procedure:

The DiLumen™ EIP assisted polypectomy intervention was performed under propofol sedation in the Endoscopy Suite at Geisinger Medical Center. Patient was positioned left lateral position. The DiLumen was loaded over a pediatric colonoscope, and the device/scope reached the cecum in 22 minutes without difficulty. On scope withdrawal, the 20mm polyp at the hepatic flexure was removed with use of a hot snare.

When the transverse colon was reached on continued withdrawal, Dr. Diehl 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, a 30mm previously hidden polyp became visible. This enabled excellent visualization and stability. After a methylene blue and saline injection to lift the lesion, the excellent 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.



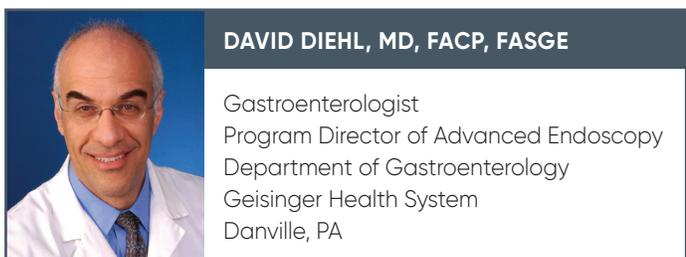
Results:

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 of the resected polyp demonstrated a villous adenoma.

Discussion:

This polyp was not seen in the colon originally, but the use of the DiLumen led to rapid identification. The fore balloon of the DiLumen was deployed resulting in flattening of the folds and the ability to see around the colonic mucosal folds. 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 bloc instead of in a piecemeal fashion by improving visualization and stabilization," commented Dr. Diehl.





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