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I am performing my procedures at Carnegie Hill Endoscopy Center, the first and only endoscopy center that has fully integrated new Fuse endoscopic technology that improves polyp detection rates during colonoscopy.

We have re-fitted all five of the procedure rooms with the brand new Fuse colonoscopes, which allows us to increase our polyp detection rates significantly, helping to protect all of the patients examined at our Center. Fuse is the second major technical innovation since colonoscopy was developed in 1968, the first being the addition of a video camera in 1992.

The **FuseTM system colonoscope** uses **three small cameras** at the tip of a flexible GI endoscope, as compared with one at the tip of a standard, forward-viewing GI endoscope. With a **wider 330^o view**, we see nearly twice the surface area and anatomy of the colon, including behind and into folds. It has been compared to driving a car with side view mirrors. We have been driving without these mirrors for over 45 years. Up to 41% of potentially precancerous adenomas hide and go undetected with the limited 170^o view of standard, forward-viewing endoscopes. The **upper endoscope has 2 cameras** at the tip, allowing a **245^o field of view**.

This invention could not come at a better time. As you know, surveillance intervals for colonoscopy have been increasing and now a patient considered at low risk for colon cancer, i.e. no family history and no history of prior polyps, is told to wait ten years between exams. If the patient is to wait ten years, we should do our best to assure that no polyps are present. Increased adenoma detection rates have been directly associated with a decreased rate of interval cancers.

The research results are compelling and all of us at Carnegie Hill Endoscopy are excited at the prospects of earlier detection and saving more lives with this advancement. For a preview, visit www.carnegiehillendo.com or go to www.fusecolonoscopy.org.

Thank you for your continued confidence in me. Together, let's keep improving the health of our community with medical advancements like the Fuse system.

Best regards,

Dov Z. Grant

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