Colonoscopies Close to Home: Family Medicine Providers Reduce Screening Disparity

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• Colon cancer is the third most common and the third most lethal cancer worldwide. In 2020, there have been almost 150,000 new colon cancer diagnoses in the USA.

• Colonoscopies are a vital screening tool in modern primary care and are considered the gold standard screening tool for colon cancer prevention. This is because direct visualization of the colon is accompanied by removal of polyps and other lesions of suspicion. Importantly, screening colonoscopies are associated with a 65% risk reduction in colorectal cancer resulting in death. Colonoscopies are thus distinguished as a life-saving screening method (Doubeni, Corely, & Quinn, 2018).

• Colonoscopy access is challenged by scheduling wait time, poverty, and proximity to referral centers. Rural Americans experience all three barriers at higher rates than the average American. As such, rural Americans experience a significantly lower rate of colonoscopy screening (Bennett et. al., 2011).

• In the USA, only 2.6% of family physicians (FP) provide colonoscopy to their patients, but this rate is close to 5% in rural areas. The quality and safety of FP colonoscopy has been repeatedly shown to have equivalent to specialty provider colonoscopy (Evans, Cole, & Norris, 2015).

• These data are incomplete in that they represent about 1/3 of total colonoscopies performed by Dr. Gerk in 2020. Currently, further chart review is being performed such that total annual ADR data may be reported to a national census of ADRs by PCPs. This will provide critical, updated colonoscopy performance measure data to the medical community.

• Dr. Gerk’s ADR over a 4-month period demonstrates consistency with national provider averages at major referral centers (figure 1) and is additionally greater than all ADRs by specialty as reported by national indicators of colonoscopy quality and safety (Wilkins et. al., 2009).

• This ADR concurs with other data suggesting that rural PCPs perform colonoscopies effectively and safely (Evans, Cole, & Norris, 2011). Safe, geographically proximal colonoscopies with trusted providers can improve the life saving benefit of colonoscopies by improving access to these procedures in rural communities.

• Increased rates of colonoscopy training in family medicine residencies may reduce the disparity in colon cancer screening among rural Americans thereby reducing risk of colorectal cancer death in over 19% of Americans.

References