

Outcomes Study published shows HyGleaCare® Preparation for Colonoscopy Superior over Oral Prep

HyGleaCare® Prep is a much more cost effective prep compared to traditional preparations - published in ARC Journal of Hepatology and Gastroenterology.

AUSTIN, TX, UNITED STATES, December 28, 2017 /EINPresswire.com/ -- HyGleaCare Inc. announced that an outcomes study has been published in the ARC Journal of Hepatology and Gastroenterology Volume 2, Issue 2, 2017, PP 23-31. The paper was co-authored by Ananya Das, MD FACP FASGE, Parth J. Parekh, MD, Pradeep Bekal, MD, William Stassen, MD, Elizabeth Odstroil, MD, Dawn Burlison, RN MBA, David A. Johnson, MD MACG FASGE FACP.

[Colonoscopy](#) remains the cornerstone for colorectal screening as well as the diagnostic test of choice for positive screening tests or to further investigate the underlying etiology for various symptoms. The efficacy of colonoscopy hinges on an adequate preparation. Unfortunately, upwards of ¼ of colonoscopies performed have an inadequate preparation.

HyGleaCare [Prep](#) represents a paradigm shift from the standard per oral purgative laxatives traditionally prescribed prior to colonoscopy, using a FDA-cleared high volume rectal irrigation device. Inadequate bowel preparations from traditional oral preps are the leading cause of failed colonoscopy, which results in delayed diagnosis, repeat procedures, and any accelerated inherent risk associated with procedures.

The aim of the study was to perform a cost-effective analysis of high volume rectal water irrigation bowel preparation for colonoscopy and compare it to traditional preparations taking into account all direct and indirect costs.

In accordance with guidelines of the Panel on the Cost-Effectiveness in Health and Medicine, a model using a Decision Analysis Software (Treeage Pro 2009; Treeage Software, Williamstown, MA) was constructed to evaluate two competing bowel preparation regimens (Split Dose PEG-ELS Preparation



HyGleaCare Prep - more cost effective

Vs. High-Volume Rectal Water Irrigation) for an average 50-year old person undergoing an average-risk screening colonoscopy in the United States. A hybrid model of a Linear Decision Tree terminating in a Markov Model was also developed.

The primary outcomes comparing the two strategies were incremental cost-effectiveness ratio (ICER) and net health benefit (NHB).

HyGleaCare preparation proved to be less expensive when compared to traditional oral preparation (\$15,538 vs \$18,847, respectively) with a higher QALY (13.700 vs 13.036, respectively).

A Monte Carlo simulation trial, which investigated the life-time of the studied 100,000 patient cohort, found a relative risk reduction of colon cancer using the HyGleaCare-based strategy resulting in a total life-time cost saving for the totality of the studied cohort of more than \$150M.

“This publication teaches that the HyGleaCare® Prep for colonoscopy proved to be superior in cost (direct and indirect) when compared to traditional oral preparation.” said Gavriel [Meron](#), Chairman and CEO of HyGleaCare, Inc. “Sensitivity analysis demonstrated HyGleaCare preparation to be highly cost-effective, particularly at its current market price of \$245 as it is a dominant strategy even if its cost per prep were to increase to \$950.”

About HyGleaCare, Inc.

Gavriel (Gabi) Meron, Chairman and CEO - founder and former CEO of Given Imaging, the Company that successfully brought the PillCam to the world - partnered with Texas- based Lifestream Purification Systems to form HyGleaCare, Inc. to bring the HyGleaCare FDA-cleared Prep System and procedure exclusively to the GI world.

HyGleaCare Inc., a US Delaware corporation, commenced operations in 2015 with a goal of creating a new standard of care to ensure patients are ready for colonoscopy utilizing the FDA cleared HyGleaCare® System.

HyGleaCare establishes HyGleaCare Centers in partnership with Gastroenterologists who refer their patients with a prescription to perform a simpler and easier bowel prep for colonoscopy, performed on the same day and prior to colonoscopy. The HyGleaCare Prep replaces the traditional oral preparation that is so difficult and even impossible for many patients. Gastroenterologists are also referring patients who are not responding well to laxatives for Constipation Relief at the HyGleaCare Centers.

To date six HyGleaCare Centers have been established and are operational – Austin TX (2015), and Dallas TX, Norfolk VA and Gilbert AZ (2016), Jackson MS and Cincinnati OH (2017), and another Center is planned to be built out in Miami FL in early 2018. More than 6,000 patients have performed the procedure with 97% adequately prepped, with very high patient satisfaction - 95% of the patients responding with feedback have told us that they would again choose HyGleaCare prep over the alternative oral prep.

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