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## **Guided Therapeutics LightTouch Cervical Scan FDA Clinical Trial Indicates Adolescent’s Risk for Cervical Disease on Par with Adult Women**

LAS VEGAS (March 25, 2010) – Women 16 to 20 years of age are just as likely to have significant cervical disease as women 21 and older, according to results of a U.S. Food and Drug Administration (FDA) pivotal clinical trial of the [Guided Therapeutics, Inc.](#) (GT) (Pink Sheets: GTHP) LightTouch™ Cervical Scanner, being presented at the American Society for Colposcopy and Cervical Pathology biennial meeting.

The study, which is the basis for seeking FDA approval, indicated that 18 percent of the 290 adolescent subjects in the trial presented with significant disease, the same as the group of 1,317 women aged 21 and older. Five of the adolescent subjects that were missed by the current standard of care of Pap test, HPV test and biopsy during the trial were correctly identified as having significant cervical disease by the LightTouch at the time, according to results of follow up examinations.

“These results indicate that cervical disease is a significant problem across a large section of the population,” said Mark L. Faupel, Ph.D., President and CEO of GT. “We believe that our scanning technology offers a means for early detection of disease in younger women and may create an opportunity to preserve reproductive health.”

The pivotal study examined 1,607 women who received the LightTouch test and other tests routinely used to refer women to biopsy. Included in the study were 290 women between the ages of 16 and 20, 52 of whom were found to have precancer and cancer missed by the current diagnostic standard of care consisting of Pap test, HPV test, colposcopy and biopsy. The current diagnostic procedures missed 9.6% (5 of 52) of precancers and cancers in adolescent women with follow up.

“(The results call) ...into question recent guidelines for reducing surveillance of cervical disease in women below the age of 21. (LightTouch) ...is a cost effective point of care test that provides immediate results and demonstrated an ability to identify 91% of adolescent women with CIN2+ (significant cervical disease). (LightTouch) ...also showed potential to reduce by a third the number of adolescent women without dysplasia that were referred to biopsy and colposcopy,” according to a poster presentation of the pivotal trial results.

The presentation was authored by Dr. Lisa Flowers, Associate Professor, General Obstetrics & Gynecology at Emory University School of Medicine in Atlanta.

In addition to Emory University, the pivotal clinical trial was carried out at the University of Miami, Dr. Leo Twiggs, principal investigator (PI); the University of Texas Southwestern Medical Center, Dallas, Dr. Claudia Werner (PI); University of Connecticut, Hartford, Connecticut, Dr. Manocher Lashgari (PI); Medical College of Georgia, Augusta, Georgia, Dr. Daron Ferris (PI); Orange Coast Women’s Medical Group, Laguna Hills, California, Dr. Marc Winter (PI); Saddleback Women’s Medical Group, Laguna Hills, California, Dr. Daniel

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Sternfeld (PI); University of Arkansas, Little Rock, Arkansas, Dr. Alexander Burnett (PI); Pathology conducted by Dr. Ed Wilkinson, University of Florida, Gainesville, Florida, and; Dr. Stephen Raab, University of Colorado, Denver, Colorado.

To read more about the clinical trial, visit [www.guidedinc.com/asccp2010.htm](http://www.guidedinc.com/asccp2010.htm).

### **About Guided Therapeutics**

Guided Therapeutics, Inc. ([Pink Sheets: GTHP](#)) is developing a rapid and painless test for the early detection of disease that leads to cervical cancer. The technology is designed to provide an objective result at the point of care thereby improving the management of cervical disease. Unlike Pap and HPV tests, the device does not require a painful tissue sample and results are known immediately. GT has also entered into a partnership with Konica Minolta Opto to develop a non-invasive test for Barrett's Esophagus using the LightTouch technology platform. For more information, visit GT's web site [www.guidedinc.com](http://www.guidedinc.com).

*The Guided Therapeutics LightTouch™ Cervical Scanner is an investigational device and is limited by federal law to investigational use.*

*The project described was supported by an Award from the National Cancer Institute. The content is solely the responsibility of the authors and does not necessarily represent the official views of the National Cancer Institute or the National Institutes of Health.*

“Safe Harbor” Statement under the Private Securities Litigation Reform Act of 1995. A number of the matters and subject areas discussed in this news release that are not historical or current facts deal with potential future circumstances and developments. The discussion of such matters and subject areas is qualified by the inherent risks and uncertainties surrounding future expectations generally and also may materially differ from Guided Therapeutics' actual future experience involving any of or more of such matters and subject areas. Such risks and uncertainties include: the early stage of products in development, the uncertainty of market acceptance of products, the uncertainty of development or effectiveness of distribution channels, the intense competition in the medical device industry, the uncertainty of capital to develop products, the uncertainty of regulatory approval of products, dependence on licensed intellectual property, as well as those that are more fully described from time to time under the heading “Risk Factors” in Guided Therapeutics' reports filed with the SEC, including Guided Therapeutics' Annual Report on Form 10-KA for the fiscal year ended December 31, 2009 and subsequent quarterly reports.

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