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Comprehensive Economic Analysis Published in Reviews in Urology Demonstrates Oncotype DX® Prostate Cancer Test Leads to Substantial Cost Savings and Increase in Active Surveillance

Unique Prospective Study Provides Real-world Evidence Demonstrating Use of Oncotype DX® Genomic Prostate Score™ Saves Over \$2,000 per Patient by Optimizing Care and Healthcare Spending

REDWOOD CITY, Calif., Oct. 26, 2016 /PRNewswire/ -- Genomic Health, Inc. (NASDAQ: GHDX) today announced publication in *Reviews in Urology* of a comprehensive economic analysis of the use of the Oncotype DX® Genomic Prostate Score™ (GPS) in low-risk prostate cancer patients. Results showed that use of the GPS results in a net savings of \$2,286 per patient - including the cost of the test - by decreasing unnecessary immediate invasive treatment.

"Not all low-risk prostate cancers are aggressive, but it is critical to know exactly which patient can forego immediate surgery safely," said study principal investigator David M. Albala, M.D., chief of urology, Crouse Hospital, Syracuse, New York. "Better treatment decisions can be made when patients have genomic information about their prostate tumors. Our study reconfirms that the GPS provides physicians and patients with additional risk assessment that resolves uncertainty in prognosis and informs individuals' treatment decisions based on tumor biology."

Led by Associated Medical Professionals (AMP) of New York, the study demonstrated that incorporation of the GPS as part of the treatment decision algorithm for prostate cancer patients with NCCN very low and low-risk disease (64 percent of the study population) led to a 21 percent net increase in the use of active surveillance. The study specifically included prostate cancer patients covered by Excellus BlueCross BlueShield insurance in New York. Of these, treatment patterns and cost for 80 men tested with Oncotype DX were compared to 100 patients in the same practice without genomic testing.

Based on a real-world practice setting with a contemporary patient population and using current treatment cost averages, these published results demonstrated that the use of Oncotype DX represented a more than 50 percent return on investment over six months by reducing the cost of unnecessary immediate interventions. Additional savings can also be expected by removing the cost of management of associated side effects of treatment such as impotence and incontinence.

"The cost of caring for prostate cancer patients in the United States is estimated to be approximately \$18 billion by 2020," said Phil Febbo, M.D., chief medical officer, Genomic Health. "The study provides additional important evidence to support broader adoption of Oncotype DX as we continue to fulfill Genomic Health's vision to bring precision medicine to cancer patients, to empower physicians with actionable molecular information and to provide value and cost savings to our healthcare systems."

About Oncotype DX®

The Oncotype DX® portfolio of breast, colon and prostate cancer tests applies advanced genomic science to reveal the unique biology of a tumor in order to optimize cancer treatment decisions. The Oncotype DX prostate cancer test identifies which clinically low-risk patients are eligible for active surveillance, as well as those who may benefit from immediate treatment by predicting disease aggressiveness. With more than 600,000 patients tested in more than 90 countries, Oncotype DX testing has redefined personalized medicine by making genomics a critical part of cancer diagnosis and treatment. To learn more about the Oncotype DX prostate cancer test, visit www.OncotypeDX.com or www.MyProstateCancerTreatment.org.

About Genomic Health

[Genomic Health](http://www.GenomicHealth.com), Inc. (NASDAQ: GHDX) is the world's leading provider of genomic-based diagnostic tests that help optimize cancer care by addressing the overtreatment of the disease, one of the greatest issues in healthcare today. With its Oncotype IQ™ Genomic Intelligence Platform, the company is applying its world-class scientific and commercial expertise and infrastructure to lead the translation of clinical and genomic big data into actionable results for treatment planning throughout the cancer patient journey, from diagnosis to treatment selection and monitoring. The Oncotype IQ portfolio of genomic tests and services currently consists of the company's flagship line of Oncotype DX gene expression tests that have been used to guide treatment decisions for more than 600,000 cancer patients worldwide. Genomic Health is expanding its test portfolio to include additional liquid- and tissue-based tests, including the recently launched Oncotype SEQ™ Liquid Select assay. The company is based in [Redwood City](http://www.RedwoodCity.com), California, with international headquarters

in Geneva, Switzerland. For more information, please visit, www.GenomicHealth.com and follow the company on Twitter: [@GenomicHealth](#), [Facebook](#), [YouTube](#) and [LinkedIn](#).

This press release contains forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995. Forward-looking statements are subject to risks and uncertainties that could cause actual results to differ materially, and reported results should not be considered as an indication of future performance. These risks and uncertainties include, but are not limited to: our business model; the applicability of clinical and health economic study results to actual outcomes; our ability to develop and commercialize new tests and expand into new markets domestically and internationally; and the other risks and uncertainties set forth in our filings with the Securities and Exchange Commission, including the risks set forth in our Quarterly Report on Form 10-Q for the quarter ended June 30, 2016. These forward-looking statements speak only as of the date hereof. Genomic Health disclaims any obligation to update these forward-looking statements.

NOTE: The Genomic Health logo, Oncotype, Oncotype DX, Oncotype DX Genomic Prostate Score, Recurrence Score, DCIS Score, Oncotype SEQ, Oncotype SEQ Liquid Select, and Oncotype IQ are trademarks or registered trademarks of Genomic Health, Inc. All other trademarks and service marks are the property of their respective owners.

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