

## **Landmark Study on Ex-Vivo Growth of Hair Exposed to Laser PhotoTherapy**

*By Lexington International, LLC*

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*Study proves that laser energy stimulates the growth of hair ex-vivo*

BOCA RATON, FL – First of a kind data from a study conducted by Laboratoire Bio-EC, Paris France on the on ex-vivo growth of hair from Low Level Laser Light exposure of hair follicles maintained in Philpott hair culture medium were presented at the 17th Annual Meeting of the International Society of Hair Restoration Surgeons (ISHRS) by Dr. Michael Hamblin..

Michael Hamblin, PhD, Associate Professor, Harvard Medical School/Wellman Center for Photomedicine, Massachusetts General Hospital, is one of the foremost researchers in the field of Low Level Light Therapy (LLLT) and Photodynamic Therapy. He presented important data from this study which compared a dose of laser energy and a reference dose on the ex-vivo growth of hair to show that laser energy stimulated hair growth. Isolated follicles were placed in the Philpott hair culture medium, exposed to the laser doses, and measured for hair length increases. Analysis of hairs grown ex-vivo exposed to the two laser doses, were photographed at regular intervals over ten days.

The conclusion of the study was that the wave length dose studied induced statistically significant ex-vivo increase in hair growth vs. control dose at the conclusion of the study.

This significance of these results is that for the first time a study has documented ex-vivo hair growth in isolated hairs using laser stimulation. The results conclusively indicated that laser energy stimulated proliferation in the hair matrix. This is the first time that data has been presented at a medical conference showing positive reaction on ex-vivo hair growth from laser energy exposure.

Presentation of these findings at the ISHRS by Dr. Hamblin is further recognition of Lexington's dedication in developing effective therapies for the prevention and treatment of hair loss.

Mr. David Michaels said, "We are honored to have had Dr. Hamblin present this important data to the premier organization of hair transplant doctors. We believe that the findings of this ex-vivo study are an important step in helping to validate the HairMax LaserComb as a key modality in the treatment of hair loss."

About Lexington International, LLC

Originating in Sydney Australia and now based in Boca Raton Florida, Lexington manufactures and distributes the HairMax LaserComb® ([www.hairmax.com](http://www.hairmax.com)) to more than 89 countries and has provided new hope and satisfaction to hundreds of thousands of customers since 2001.

The HairMax LaserComb is the first and only FDA cleared hand-held laser device that utilizes low-level laser therapy to improve the appearance of hair at an affordable price. With no reported side effects, and an incomparable satisfaction rate, the LaserComb is revolutionizing the hair care industry. The HairMax LaserComb is based on 20 years of international research and studies on the effects of Low Level Laser use. Both the press and users alike have universally taken to the HairMax LaserComb. In January 2007, a regulatory milestone, HairMax was the first and only device Cleared for Marketing by the FDA for the Promotion of Hair Growth.

Lexington is an ISO 9001 & 13485 Quality Assured laser manufacturer. Lexington is committed to GMP (Good Manufacturing Practices) of a medical device manufacturer. Clinical studies closely adhered to GCP (Good Clinical Practices) reviewed by an IRB (Ethics Committee). Lexington is also a member in good standing of the Better Business Bureau.

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