

## 4<sup>th</sup> International Conference and Expo on **Cosmetology & Trichology** June 22-24, 2015 Philadelphia, USA

### Give your patients the smooth belly button they desire!

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When liposuction is used for body contouring most of the time, the final cosmetic results are quite good.

**The Problem:** Frequently associated with abdominal liposuction is the poor skin retraction just above the umbilicus. The aesthetic challenge of this area is due to persistence of loose skin around the umbilicus caused by poor and uncontrolled retraction of peri-umbilical skin after liposuction surgery.

**The Solution:** To overcome this problem and to achieve a smooth belly button we propose the use of a new device –patent pending- called Post Liposuction Umbilical Support (P.L.U.S.).

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### A topical botanical lotion improves recovery from chemotherapy alopecia and persistent hair issues in cancer survivors

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Chemotherapy induced alopecia (CIA), with 65% incidence, is among the most distressing side effects of cancer therapies. About 70% of cancer survivors still complain from persistent hair issues several years after hair regrowth. In human scalp biopsy, we demonstrated that the product, a topical botanical lotion, normalized follicular cell apoptosis process and attenuated scalp micro-inflammation, two unresolved key issues in the management of CIA and chemotherapy persistent hair disorders (CPHD). To further assess the product potential for CIA and CPHD, we conducted two pilot studies aiming at:

- Efficacy in reducing CIA baldness period
- Recovery from CPHD, especially improvement of hair thinning and hair volume.

The first study (n=9) in female cancer patients treated with chemotherapy (docetaxel, etc.) showed that topical application of the product allowed faster hair recovery (5-16 weeks quicker than historical control). Note that the baldness period, from maximum hair loss to first hair regrowth, lasts 20 weeks on average in non-treated references. The second study (n=21) in cancer survivors complaining from CPHD several years after chemotherapy revealed that first improvement was observed in 33%, 52% and 76% of subjects after 1, 2 and 3 months, respectively, following product application. Good compliance with product use (twice-daily), and no side effect was reported in both studies. Although larger sample size studies are needed, the initial outcome showed that topical product application reduced baldness period in cancer patients treated with alopecia chemo-agents, improved hair pattern in most subjects complaining from CPHD, as early as 1-3 months.

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