



# HOLISTRACT™ TUIHONG

Restoring skin's natural balance

Substantiated water-based extract inspired by holistic principles of traditional Chinese medicine

**HALLSTAR**   
B E A U T Y

# HOLISTRAC™ TUIHONG

## INSTANT, TARGETED SOLUTION FOR SENSITIVE SKIN REPAIR

The principles of traditional Chinese medicine (TCM) maintain that the components of the human body and its external surroundings are dependent upon one other as an organic whole. As a result, body surface problems such as pigmentation, acne, abnormal complexion and dry skin are viewed as the outcome of disharmony among viscera, tissues and organs, or between human body and the environment.

These principles and their 2,000-year-old tradition inspired Hallstar Beauty's Holistrac™ Tuihong, a heritage-rich formulation that delivers calming, soothing and repairing benefits for sensitive skin by regulating microcirculation and controlling inflammation. The unique blend comprises 21 TCM ingredients with synergistic effects. Endorsed by the prestigious Sichuan Academy of Chinese Medicine Sciences, the formula has a decade of successful clinical cases in public hospitals, validating its efficacy.

Hallstar conducted further extensive studies on the active molecules using both TCM knowledge and Western research methodology. With a harmonious blend of ancient wisdom and modern science, water-based, Holistrac™ Tuihong is proven to be an efficient, effective, targeted solution for sensitive skin redness.

## A HOLISTIC APPROACH

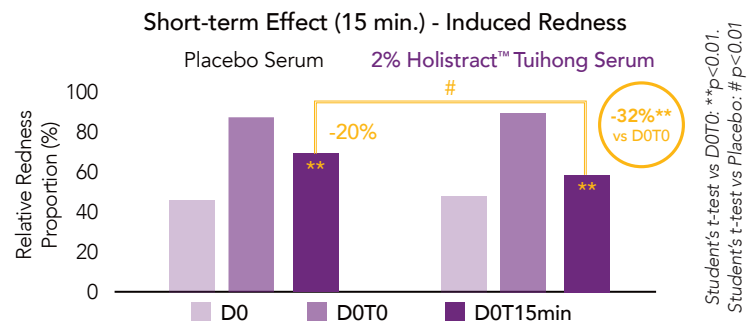
As evidenced by *ex vivo* and *in vitro* testing, Holistrac™ Tuihong provides soothing action to the skin by:

- **Reducing** the pro-inflammatory mediators IL-1 $\alpha$ , TNF- $\alpha$  and IL-6: at 0.5% Holistrac™ Tuihong reduces the level of IL-1 $\alpha$ , down to -77%\* compared to the control; at a 5% dose, it inhibits TNF- $\alpha$  secretion, down to -41%\* and IL-6 down to -18%\*. *Student's t-test vs untreated control: \* p<0.05.*
- **Relieving** skin discomfort: Holistrac™ Tuihong inhibits TRPV1 receptors responsible for pain, twinges and itching sensations in a dose dependent manner, up to -50%\*\* -at 1.25% dose compared to untreated skin. *Student's t-test vs untreated control:\*\* p<0.01*
- **Regulating** skin microcirculation: Holistrac™ Tuihong regulates vascularization and preserves capillaries integrity; it significantly reduces VEGF and IL-8 productions. At 5% dose, it reduces the level of VEGF, down to -29%\* compared to the inflamed skin. At 1% dose, it reduces the IL8 secretion up to -87%\*. *Student's t-test vs positive control: \* p<0.05;*
- **Repairing** the skin barrier thanks to its regenerative properties: it stimulates cell proliferation and migration, enhancing skin's self healing ability: keratinocytes treated with Holistrac™ Tuihong demonstrate improved wound healing and increased migration. It provides the skin the ability to recover and repair itself against photo-induced damages.

## CLINICAL EFFICACY ON ASIAN VOLUNTEERS WITH SENSITIVE SKIN FOR AN IMMEDIATE AND LONG-TERM EFFECT AT 2% DOSE

### Study design no. 1 - Immediate and significant redness reduction after 15 minutes

A study is conducted on 33 Asian women (33 - 53 years old) with sensitive skin to assess the impact of Holistrac™ Tuihong at 2% vs placebo on skin redness after twice-daily applications for 28 days (hemi-face).

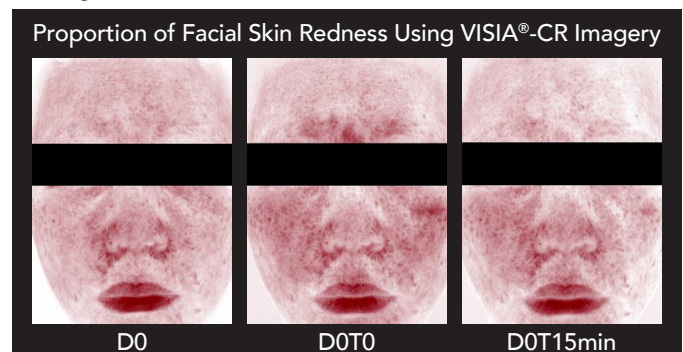


Skin redness is measured 3 different times: at the beginning of the study (D0), right after the induction of redness from a heat source (D0T0), and 15 minutes after the application of the serum (D0T15min).

Skin redness is significantly reduced by -32%\*\* compared to placebo.

High resolution facial photographs, taken with a VISIA®-CR system, are used to analyze the changes in volunteers' skin color. The resulting hemoglobin images allow us to quantify the effect of Holistrac™ Tuihong on vascular redness.

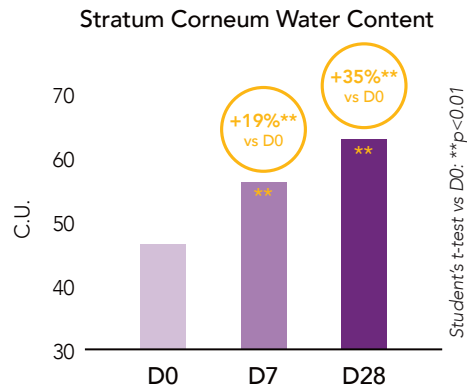
Skin treated with Holistrac™ Tuihong exhibits a visible reduction in redness.



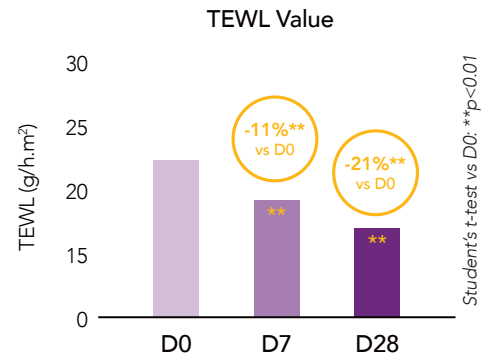
## Study design no. 2 - Short- and long-term benefits after 7 and 28 days

A second study is conducted on 31 Asian women (18 - 55 years old) with sensitive skin to assess the impact of Holistract™ Tuihong at 2% on hydration, skin barrier, regulation of sebum production and reduction of permanent redness after twice-daily application at 7 days and 28 days.

### Moisturizing and repairing effects



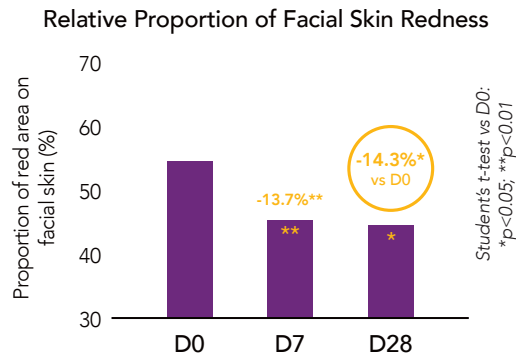
Skin water content is evaluated by corneometry; skin hydration is measured at the beginning of the study (D0), and after 7 days and 28 days of treatment with 2% Holistract™ Tuihong. After 7 days of application, Holistract™ Tuihong significantly hydrates the skin by +19%\*\* compared to D0 and efficacy is confirmed after 28 days with an increase of skin hydration of +35%\*\*.



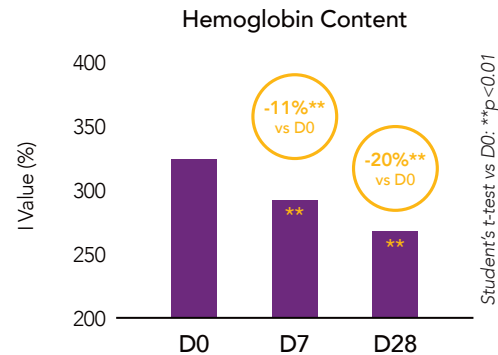
To keep the water in the skin and avoid its evaporation, the skin barrier needs to be of good condition and integrity. Water evaporation or Trans Epidermal Water Loss (TEWL) is measured to evaluate the barrier integrity. Results demonstrate that after 7 days, water evaporation decreases by -11%\*\* and efficacy is confirmed after 28 days with a reduction of -21%\*\* compared to D0.

Holistract™ Tuihong is a perfect ingredient to moisturize the skin and strengthen the cutaneous barrier to prevent dehydration.

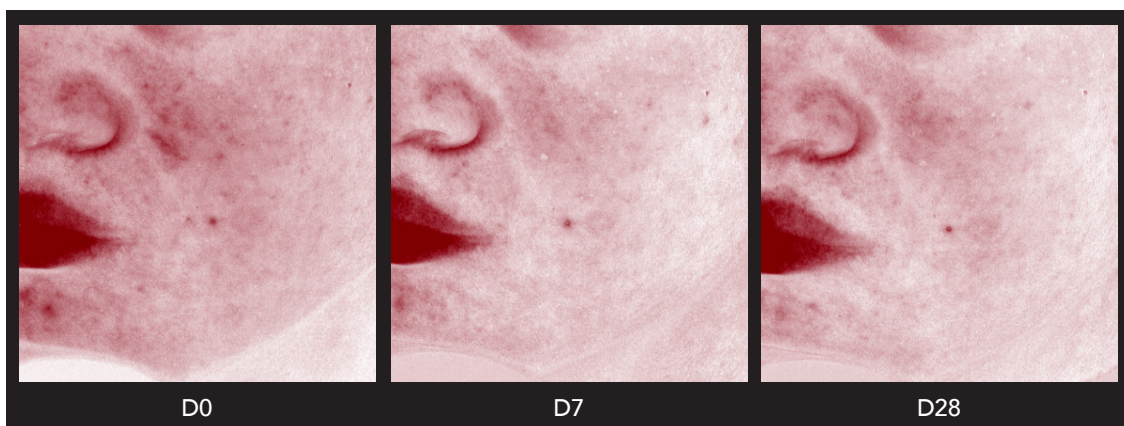
### Reduction of permanent skin redness



Skin redness is quantified by image analysis VISIA®-CR. After 7 days, a significant decrease of -13.7%\*\* is noticed and the effect is confirmed after 28 days.

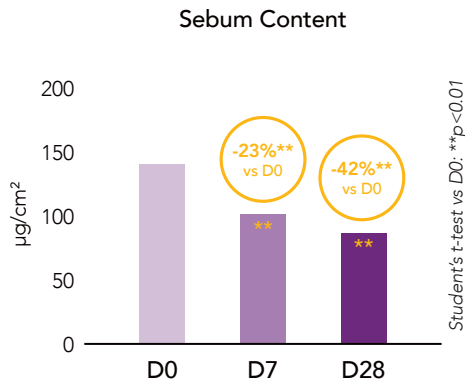


Hemoglobin content of the skin is measured via a Mexameter, showing significant decrease of -11%\*\* after 7 days and -20%\*\* after 28 days of treatment.



Holistract™ Tuihong visibly reduces redness, blemish-sensitive and reactive skins.

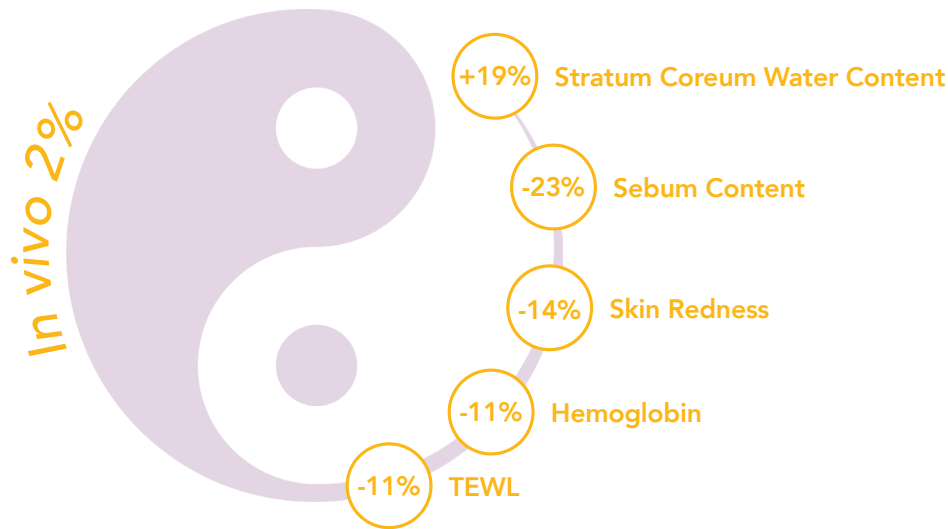
## Regulation of sebum production



Evaluation of sebum production has been conducted at D0, the beginning of the study, at D7 and at D28, using a sebumeter®. The chart on the left represents the sebum content in µg/cm<sup>2</sup> (microgram per square cm) at D0, D7 and D28.

Holistract™ Tuihong at 2% significantly reduces sebum content by -23%\*\* after 7 days and -42%\*\* after 28 days. Holistract™ Tuihong regulates skin oiliness and shine.

## IMPROVES SKIN IN 7 DAYS



## TECHNICAL AND REGULATORY DATA

INCI NAME: Water (and) Butylene Glycol (and) Angelica Polymorpha Sinensis Root Extract (and) Boswellia Carterii Resin Extract (and) Cinnamomum Cassia Bark Extract (and) Commiphora Myrrha Resin Extract (and) Ligusticum Sinense Root Extract (and) Paeonia Suffruticosa Root Bark Extract (and) Panax Notoginseng Root Extract (and) Spatholobus Suberectus Extract (and) Acanthopanax Gracilistylus Root Bark Extract (and) Chaenomeles Sinensis Fruit Extract (and) Cynanchum Paniculatum Extract (and) Leonurus Japonicus Extract (and) Lithospermum Erythrorhizon Extract (and) Asparagus Cochinchinensis Extract (and) Astragalus Membranaceus Root Extract (and) Dictamnus Dasycaurus Root Bark Extract (and) Ganoderma Lucidum (Mushroom) Extract (and) Mentha Haplocalyx Extract (and) Cyathula Officinalis Extract (and) Epimedium Brevicornum Extract (and) Paeonia Veitchii Extract

RECOMMENDED DOSE: 2% - 12%

RECOMMENDED pH: 4 - 8

SOLUBILITY: Water-soluble

FORMULATION: Add after emulsifying and cooling, or use directly in oil-free formulations

APPLICATIONS: Anti-redness, soothing, repairing, blemish-prone skin