

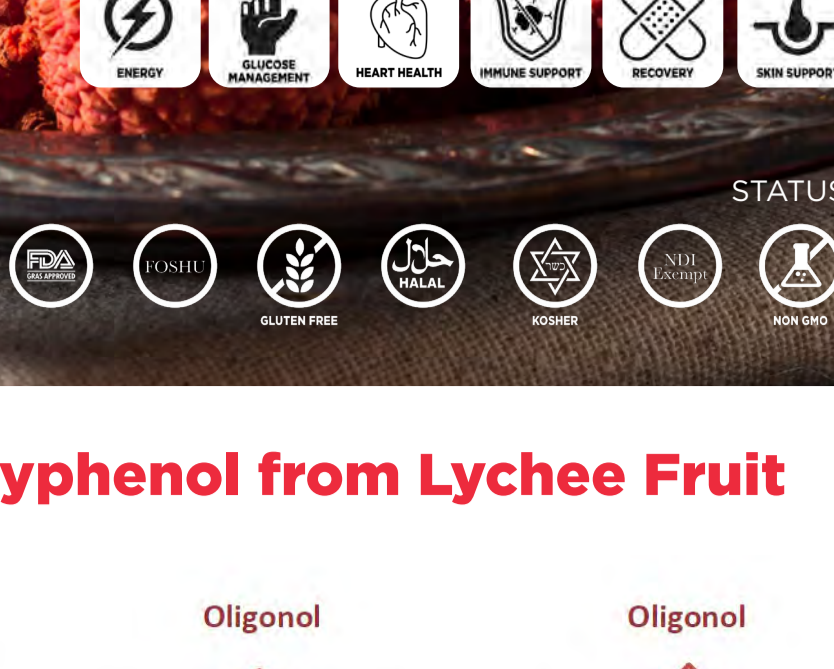
# Low-Molecular-Weight Polyphenolic Extract

Supported by 30 human clinical trials, Oligonol® is a patented, low-molecular-weight polyphenolic extract derived from lychee fruit with excellent absorption and multiple anti-aging benefits.\*[1][2]

**Oligonol has been clinically shown to:**

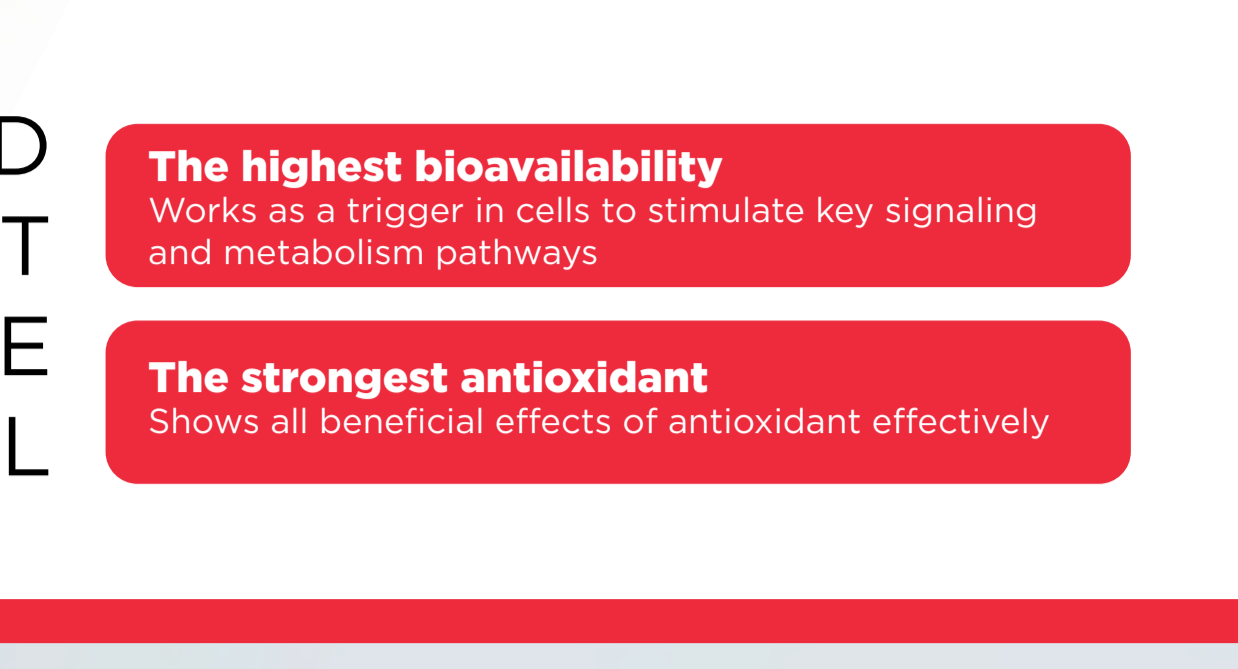
- Support healthy post-meal blood glucose and lipid levels\*[9].
- May contribute to a reduction in visceral fat\*[10]
- Lessen skin wrinkles and brown spots\*[11][12]
- Help decrease fatigue and improve endurance\*[13][14]

# Oligonol®



**STATUS**  
 GMP, HALAL, GLUTEN FREE, KOSHER, NON-GMO, VEGAN

## Oligomerized Polyphenol from Lychee Fruit



## THE "ONE AND ONLY" MOST EFFECTIVE POLYPHENOL

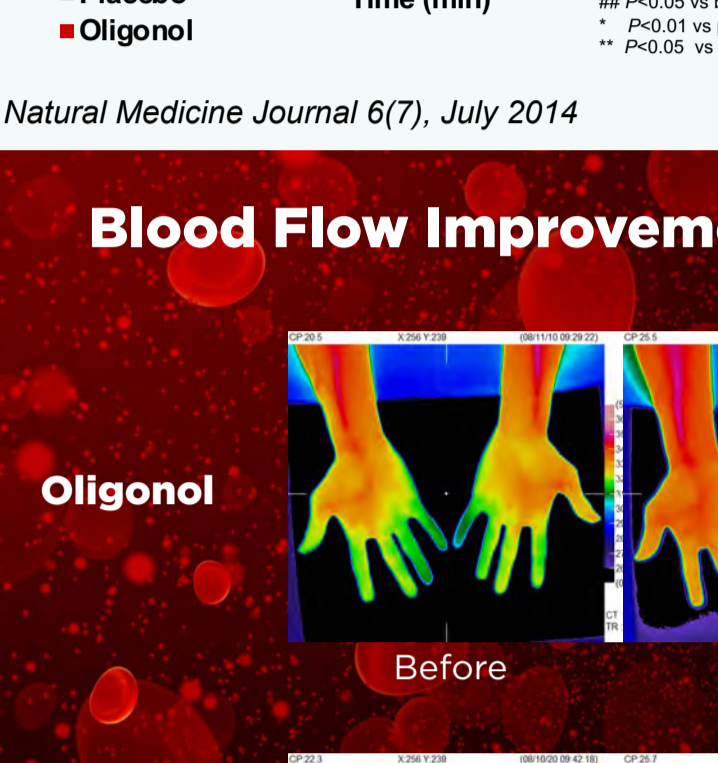
**The highest bioavailability**  
 Works as a trigger in cells to stimulate key signaling and metabolism pathways

**The strongest antioxidant**  
 Shows all beneficial effects of antioxidant effectively

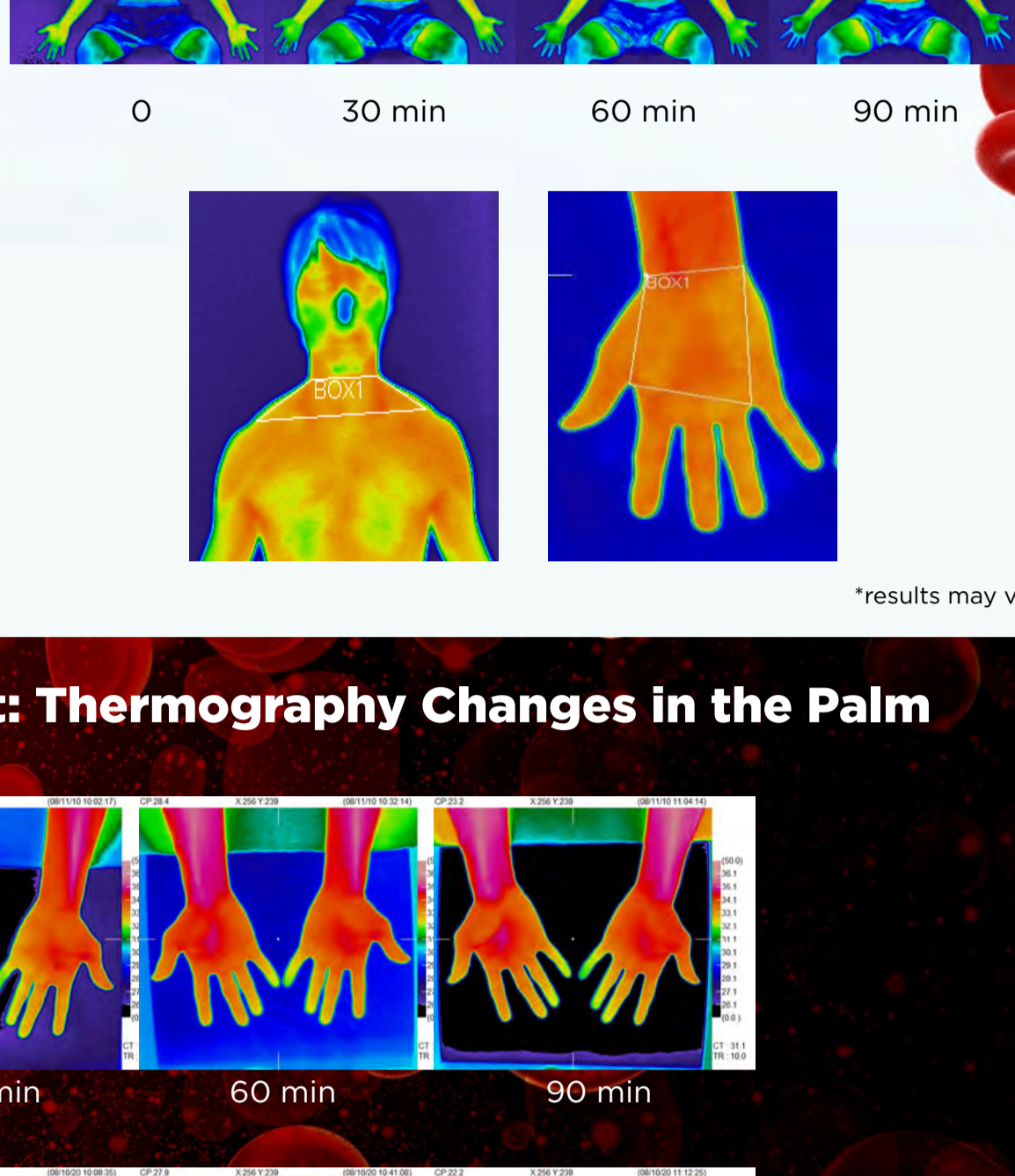
## Oligonol for Cardiovascular Health

### Blow Flow Improvement

- Double-blind placebo-controlled cross-over study
- Oligonol 50 mg capsule orally taken
- Significant improvement after 30 min at hands & shoulders

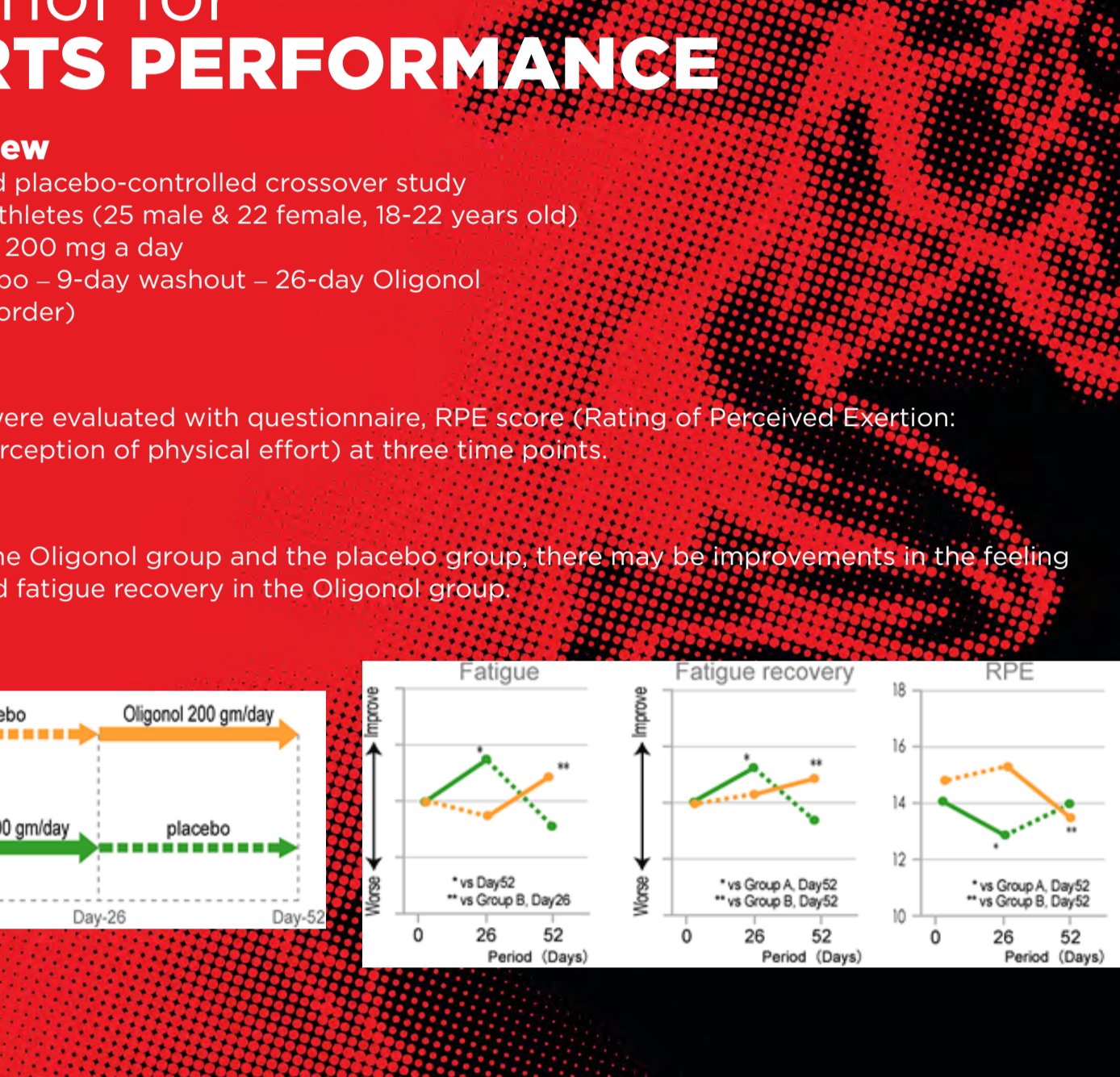


Natural Medicine Journal 6(7), July 2014



Same Person: placebo-controlled \*results may vary

### Blood Flow Improvement: Thermography Changes in the Palm



## Oligonol for SPORTS PERFORMANCE

**Test Overview**

- A single-blind placebo-controlled crossover study
- 47 amateur athletes (25 male & 22 female, 18-22 years old)
- 2 capsules of 200 mg a day
- 26-day placebo – 9-day washout – 26-day Oligonol (or opposite order)

**Result**

- Parameters were evaluated with questionnaire, RPE score (Rating of Perceived Exertion); subjective perception of physical effort) at three time points.

**Conclusion**

- Comparing the Oligonol group and the placebo group, there may be improvements in the feeling of fatigue and fatigue recovery in the Oligonol group.

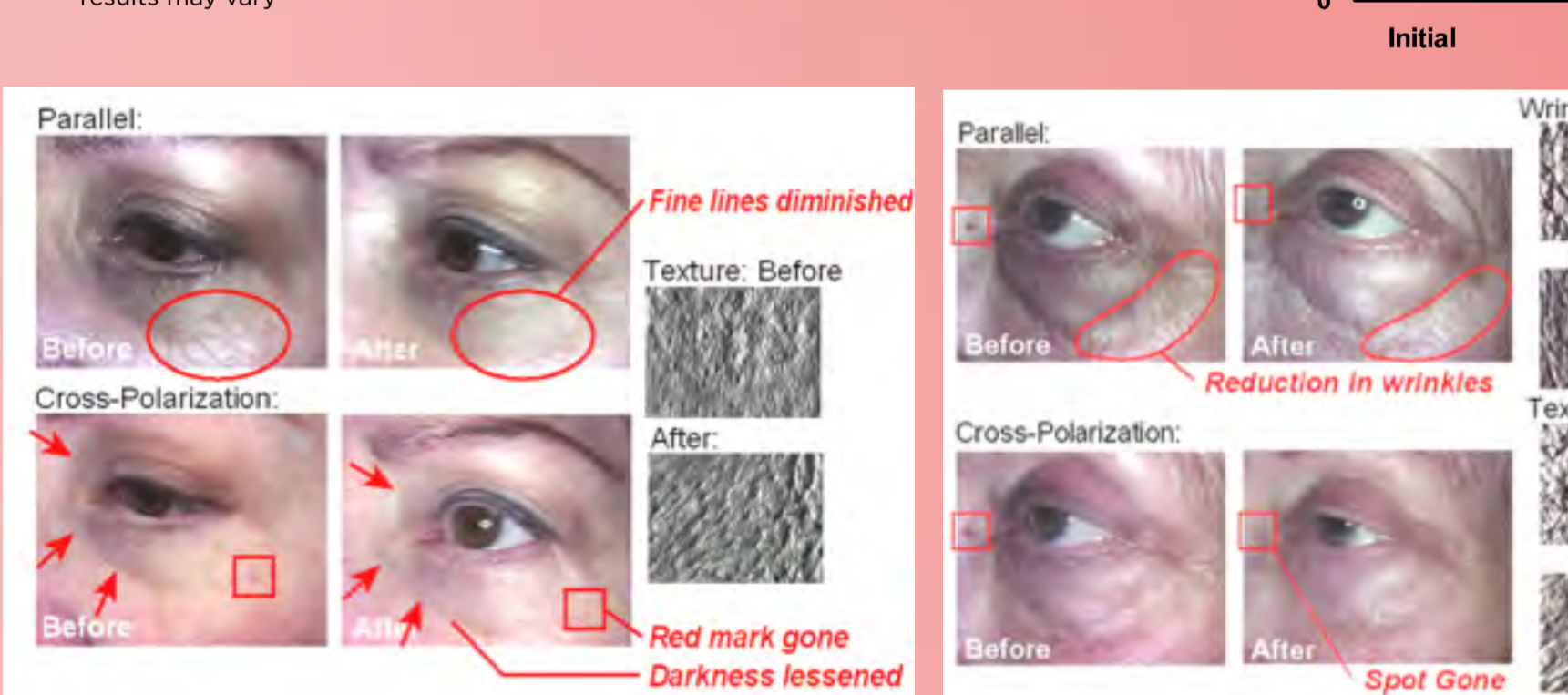
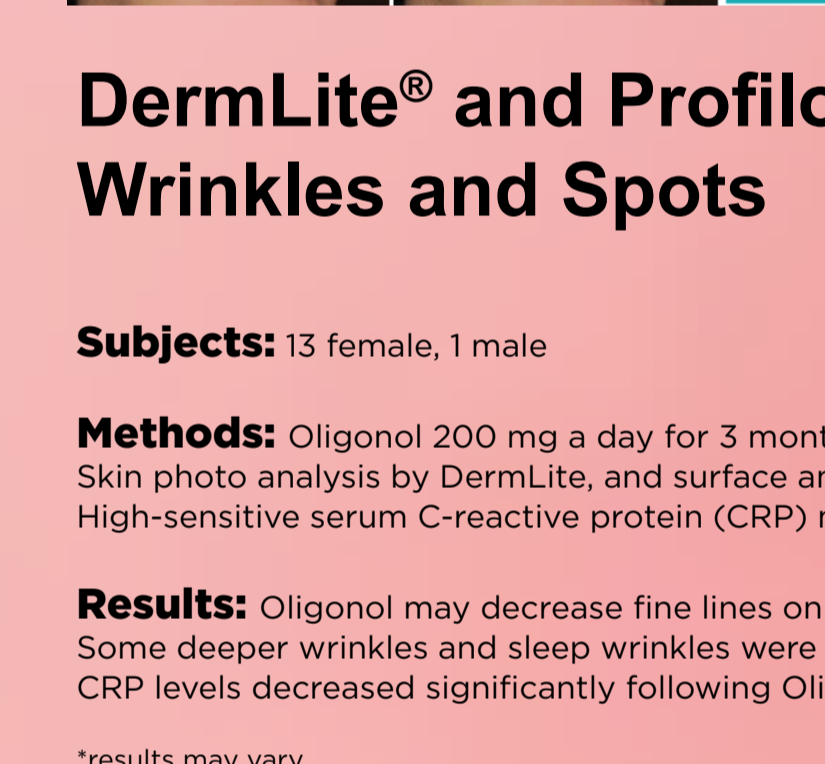
\*results may vary



## Anti-fatigue and Anti-inflammatory Effects

### Study Overview

- 19 healthy young male
- Oligonol 200 mg/day or placebo for 4 weeks
- Serum levels of Cortisol (stress marker) and IL-1 $\beta$ , IL-6 (inflammatory marker) were examined after 60min.-exercise.



**Conclusion**

- Oligonol intake may reduce inflammatory markers and cortisol after exercise loading.

Lee et al., Soan Chunhyang University, Korea. The effect of Oligonol intake on cortisol and related cytokines in healthy young men. Nutrition Research and Practice (Nutr Res Pract) 2010;4(3):203-207

\*results may vary

## Oligonol for SKIN BEAUTY

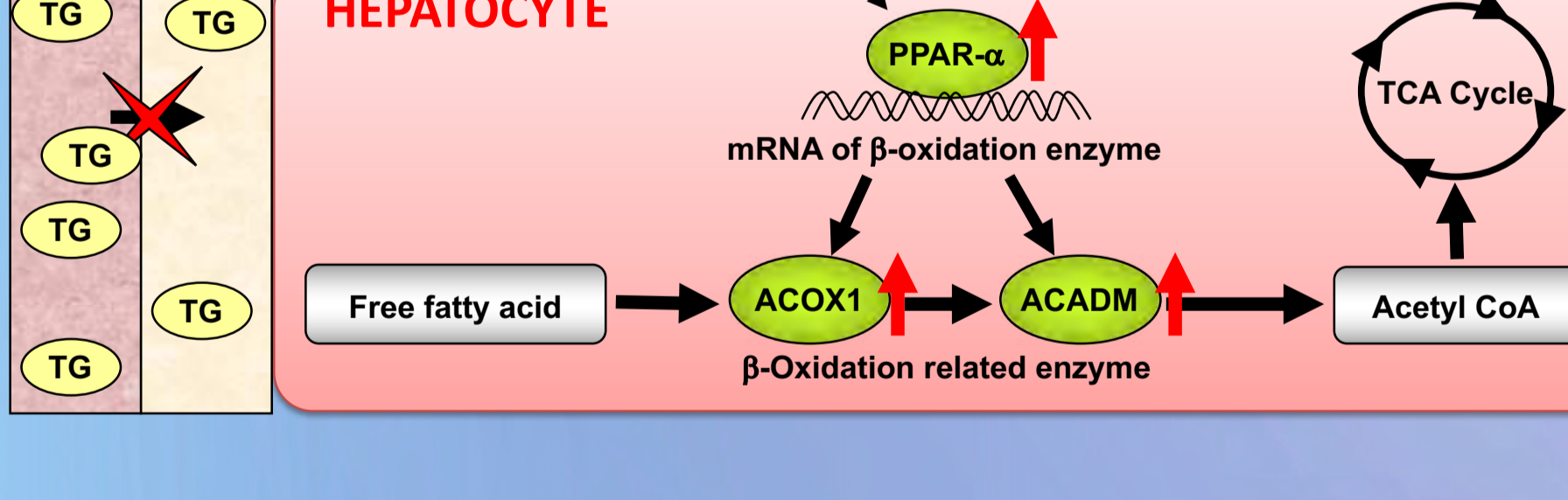
### RoboSkin Analyzer®: Evaluation of Wrinkles and Brown Spots

**Subjects:** 17 women (26-60 years old)

**Dose:** 2 capsules of 200 mg a day for 12 weeks; open label

**Evaluation:** Skin condition was observed at 3 time points using Robo Skin Analyzer. A questionnaire survey was conducted before and after the study.

**Results:** Pigmentary deposit area and wrinkle length were improved. Results were more visible in participants over 40 years old.



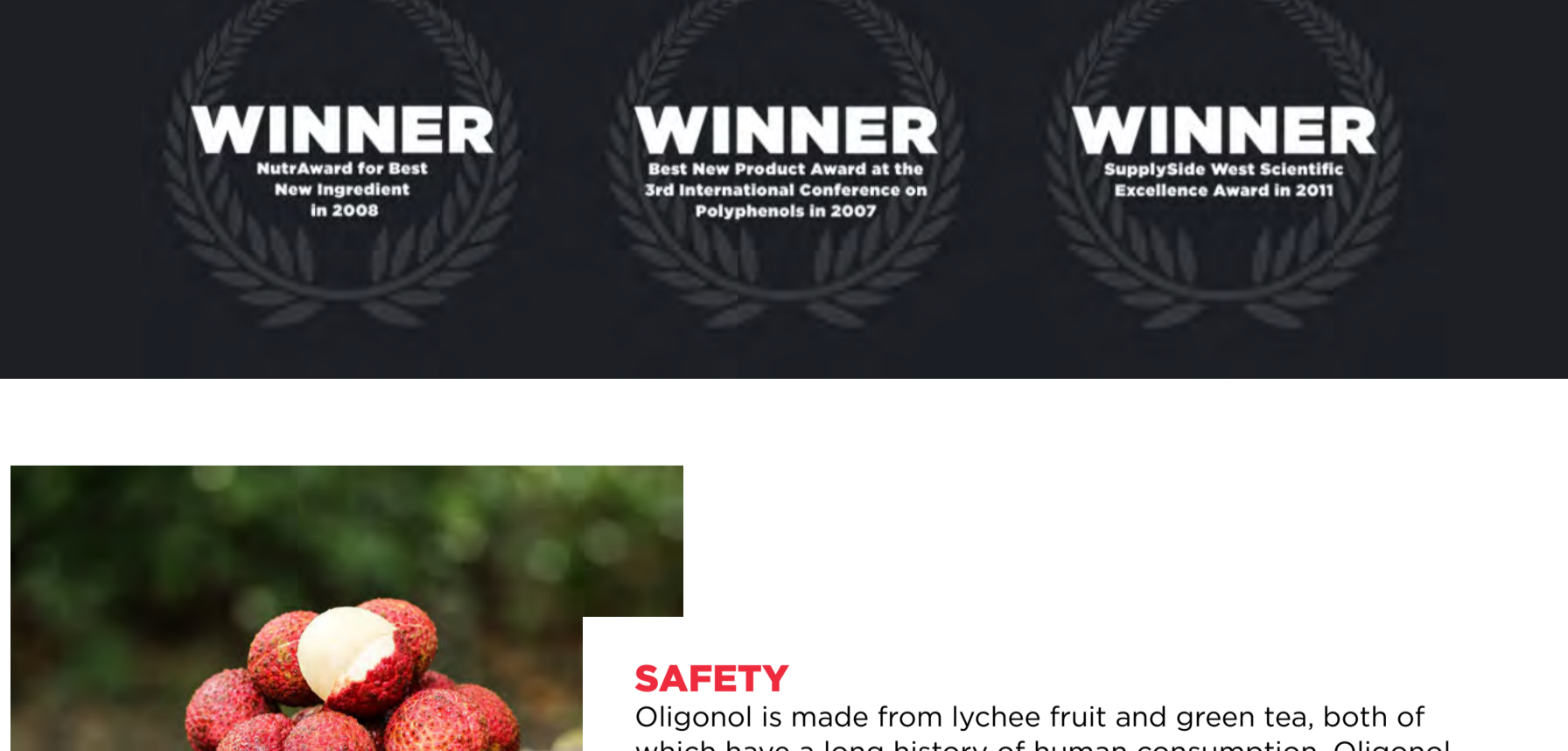
### DermLite® and Profilometer: Evaluation of Wrinkles and Spots

**Subjects:** 13 female, 1 male

**Methods:** Oligonol 200mg a day for 3 months. Skin photo analysis by DermLite, and surface analysis by profilometry. High-sensitive serum C-reactive protein (CRP) measurement

**Results:** Oligonol may decrease fine lines on the faces of 8 of the 11 subjects. Some deeper wrinkles and sleep wrinkles were reduced in two subjects. CRP levels decreased significantly following Oligonol administration.

\*results may vary



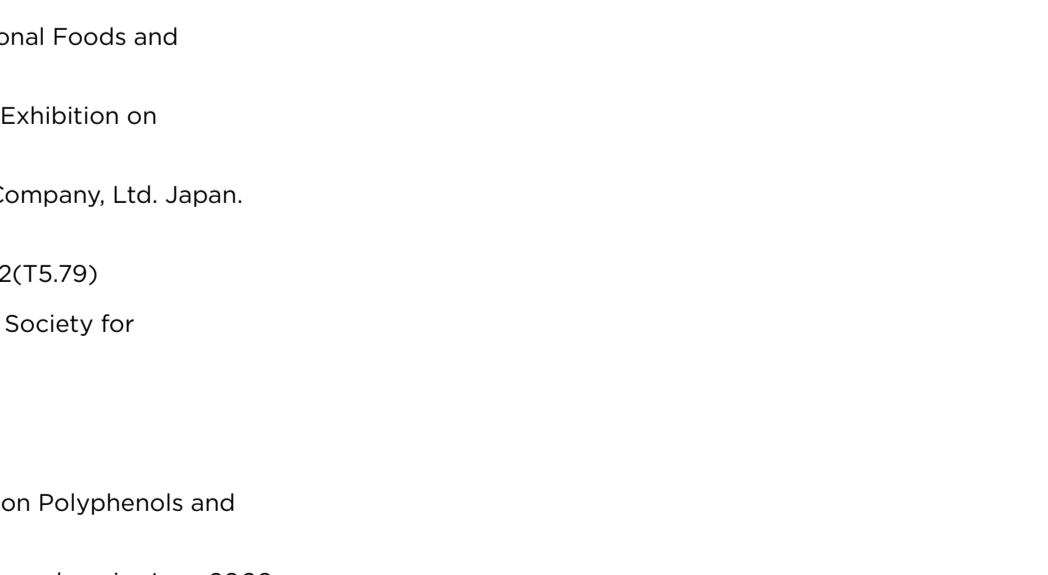
## Oligonol for BODY FAT REDUCTION

### Testing Method:

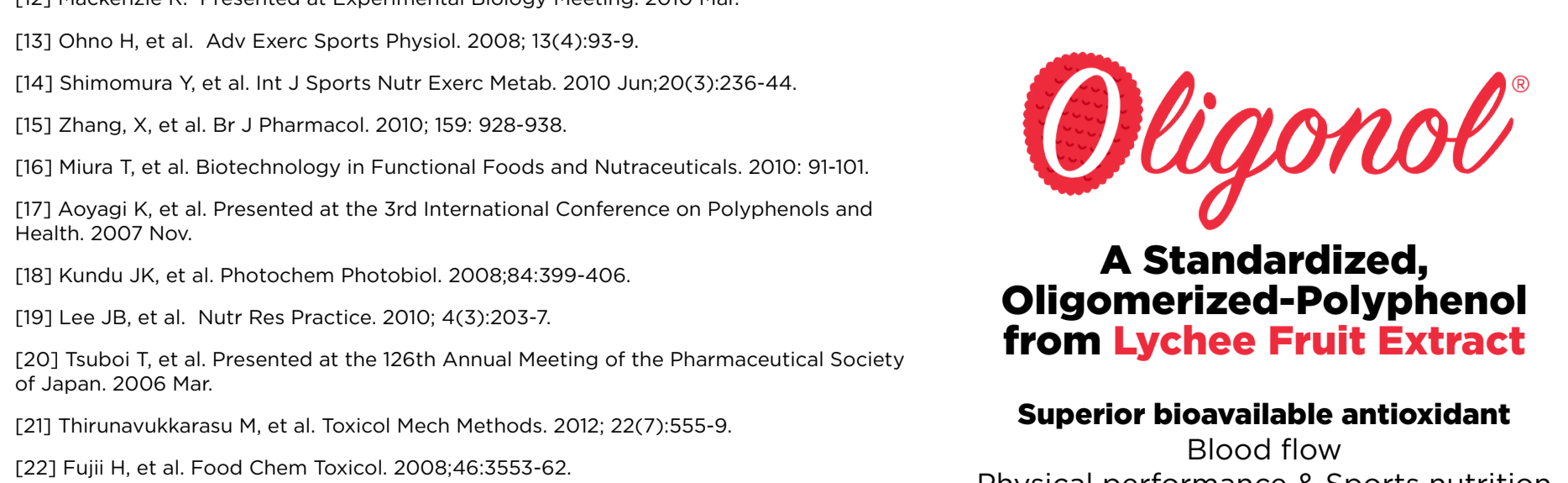
- Physical abd haematological examinations as well as CT scan imaging were performed.
- Double-blind placebo-controlled study
- 18 adult male & female
- Oligonol 200 mg/day or placebo for 10 weeks

**Results:** May contribute to reduction of visceral fat

\*results may vary



Reference: Jun Nishihira, Mami Sato-Ueshima (Hokkaido Information University, Japan), et al. Journal of Functional Foods, 1(4): 341-348 (2009)



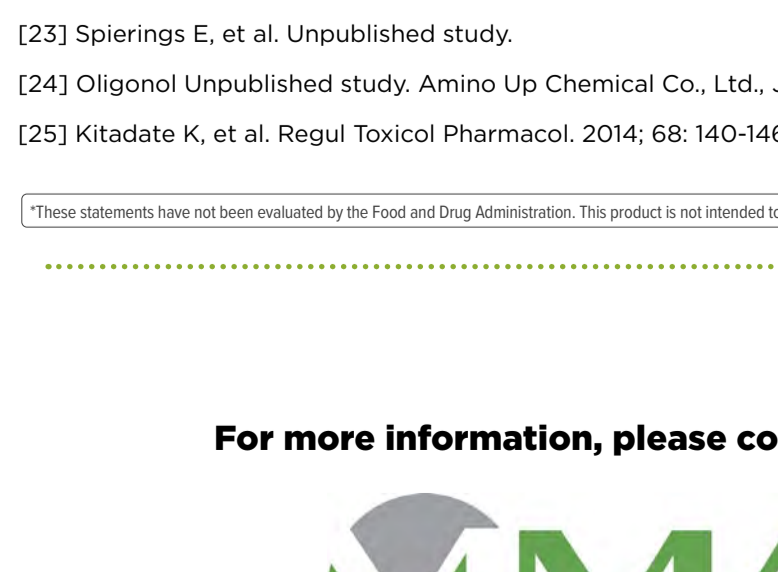
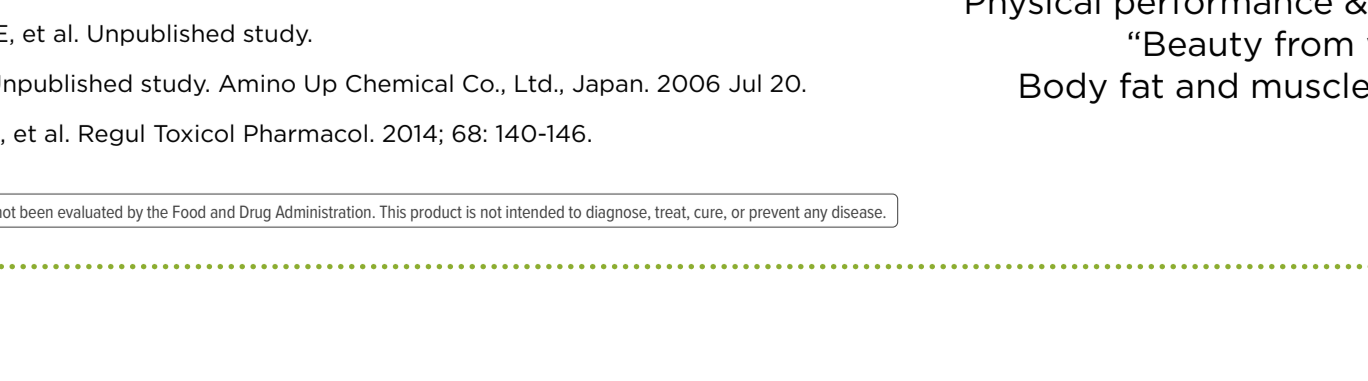
## Oligonol® MORE FACTS

### Uniqueness of lychee fruit

- A fruit native to Southern China with more than 2,000 years of history of human consumption
- Lady Yang Fei, one of the Four Beauties of Ancient China, loved lychee fruit for maintaining her beauty, health and longevity

### Strong science

- 100+ scientific publications
- 25+ human clinical studies



**SAFETY**  
 Oligonol is made from lychee fruit and green tea, both of which have a long history of human consumption. Oligonol has been accepted by the FDA as GRAS and it is Kosher and Halal-certified. Multiple studies on humans and animals have confirmed its safety.\*[21][22][23][24][25]

\*These statements have not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure, or prevent any disease.

For more information, please contact: [pbi@maypro.com](mailto:pbi@maypro.com) or 914-251-0701 x. 168



[www.maypro.com](http://www.maypro.com)

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