

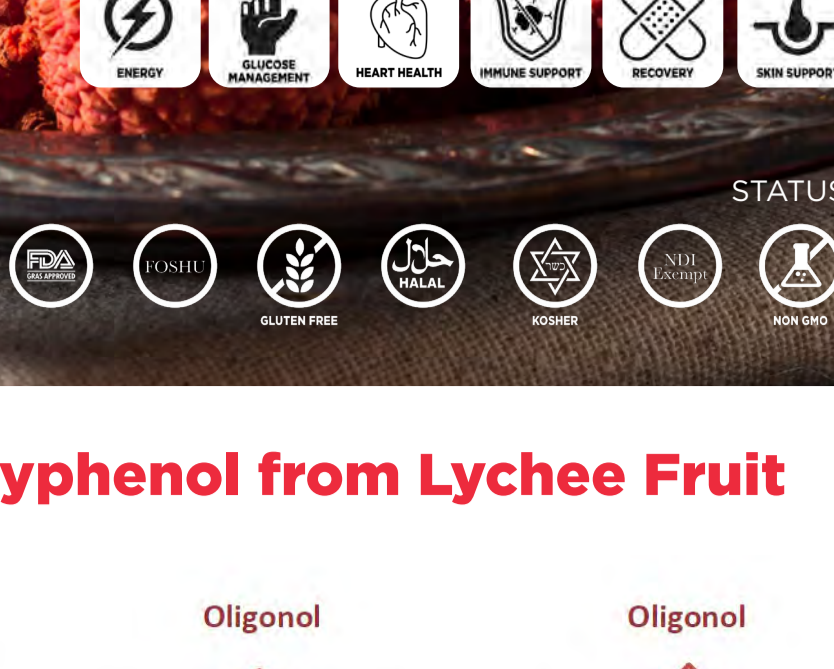
# Low-Molecular-Weight Polyphenolic Extract

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.<sup>[1][2][3]</sup> It addresses the three major causes of aging: poor blood circulation, oxidative stress and inflammation.<sup>[4][5][6][7]</sup>

## Oligonol has been clinically shown to:

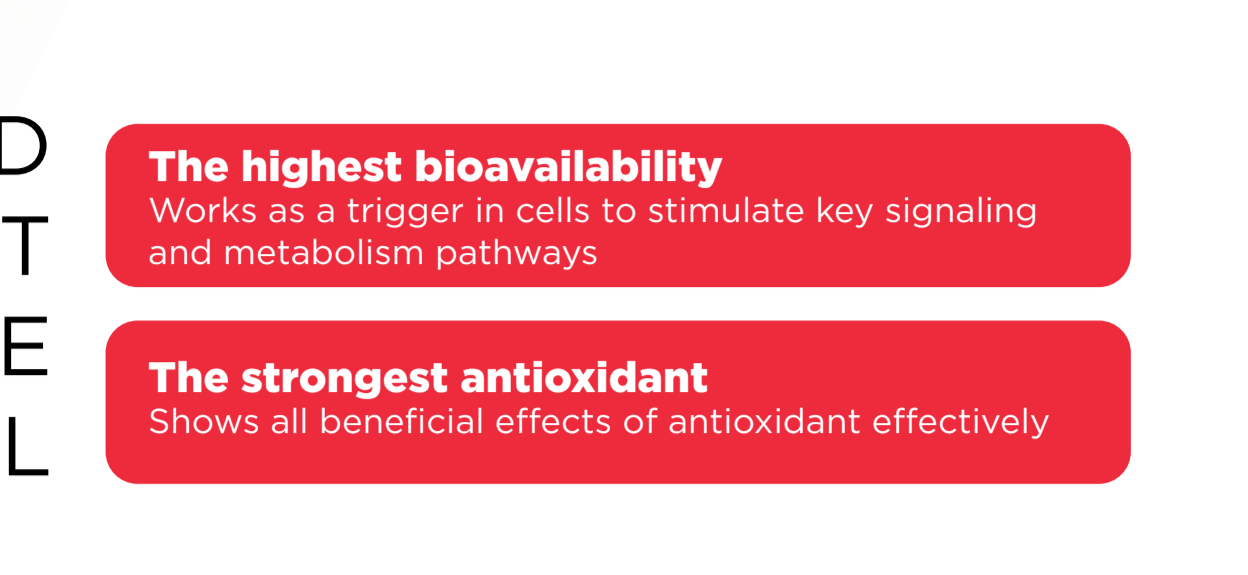
- Support healthy post-meal blood glucose and lipid levels<sup>[8][9]</sup>
- May contribute to a reduction in visceral fat<sup>[10]</sup>
- Lessen skin wrinkles and brown spots<sup>[11][12]</sup>
- Help decrease fatigue and improve endurance<sup>[13][14]</sup>
- Because of its effect on circulation, oxidation and inflammation, Oligonol may also support cardiovascular health.<sup>\*</sup>

# Oligonol®



STATUS: GMP, HALAL, GLUTEN FREE, KOSHER, NON-GMO, VEGAN, ISO 22000

## Oligomerized Polyphenol from Lychee Fruit



## THE "ONE AND ONLY" MOST EFFECTIVE POLYPHENOL

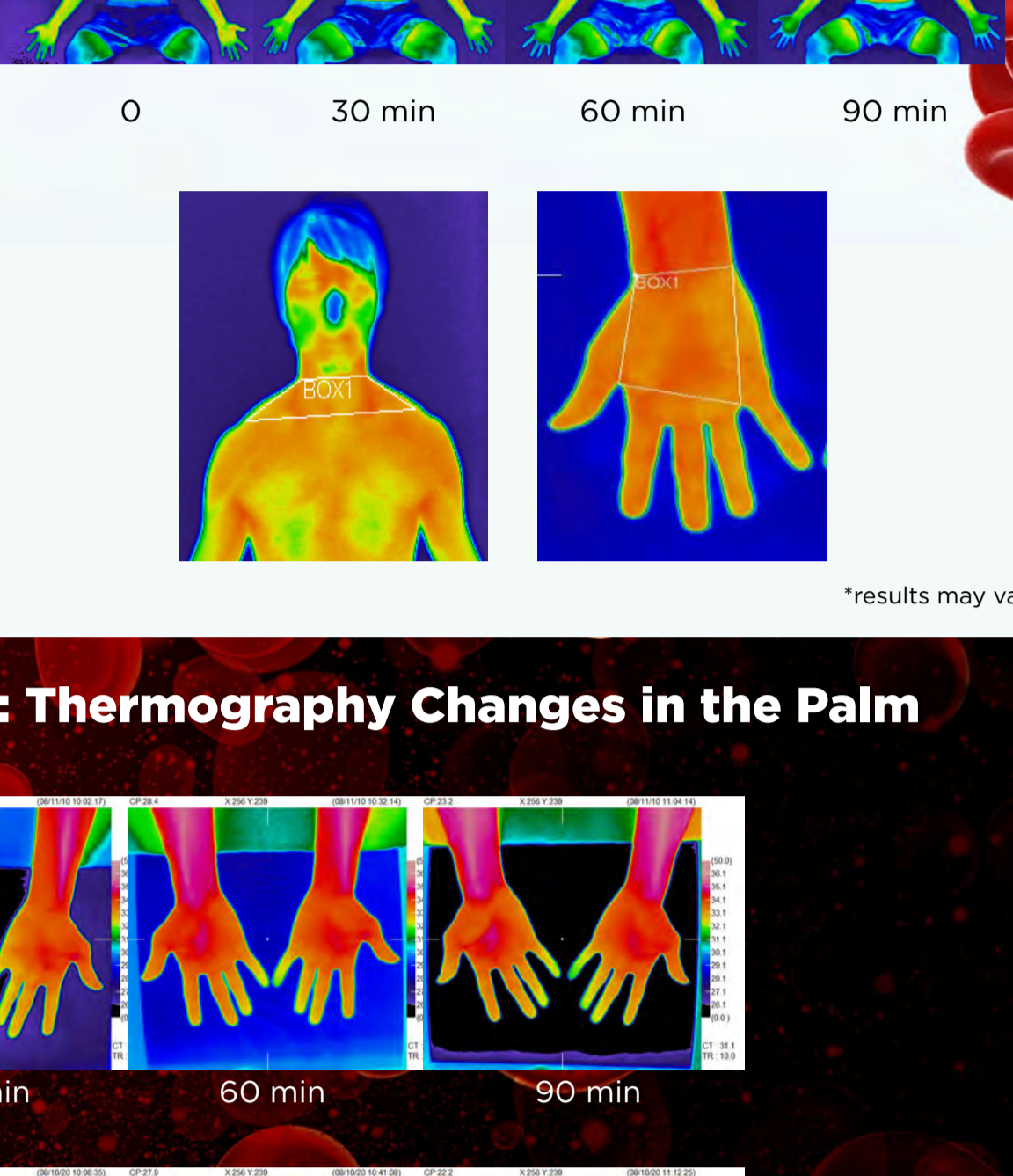
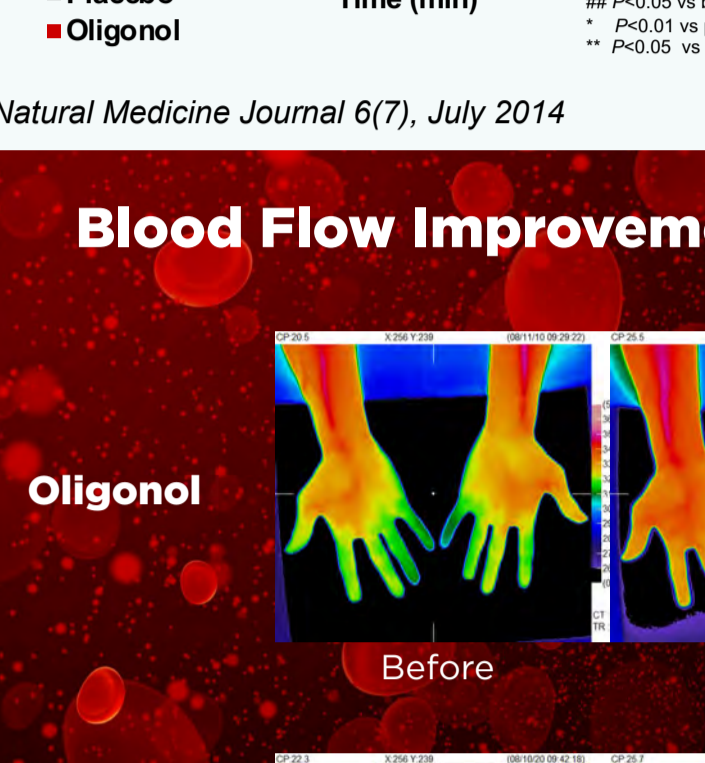
**The highest bioavailability**  
Works as a trigger in cells to stimulate key signaling and metabolism pathways

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

## Oligonol for Cardiovascular Health

### Blow Flow Improvement

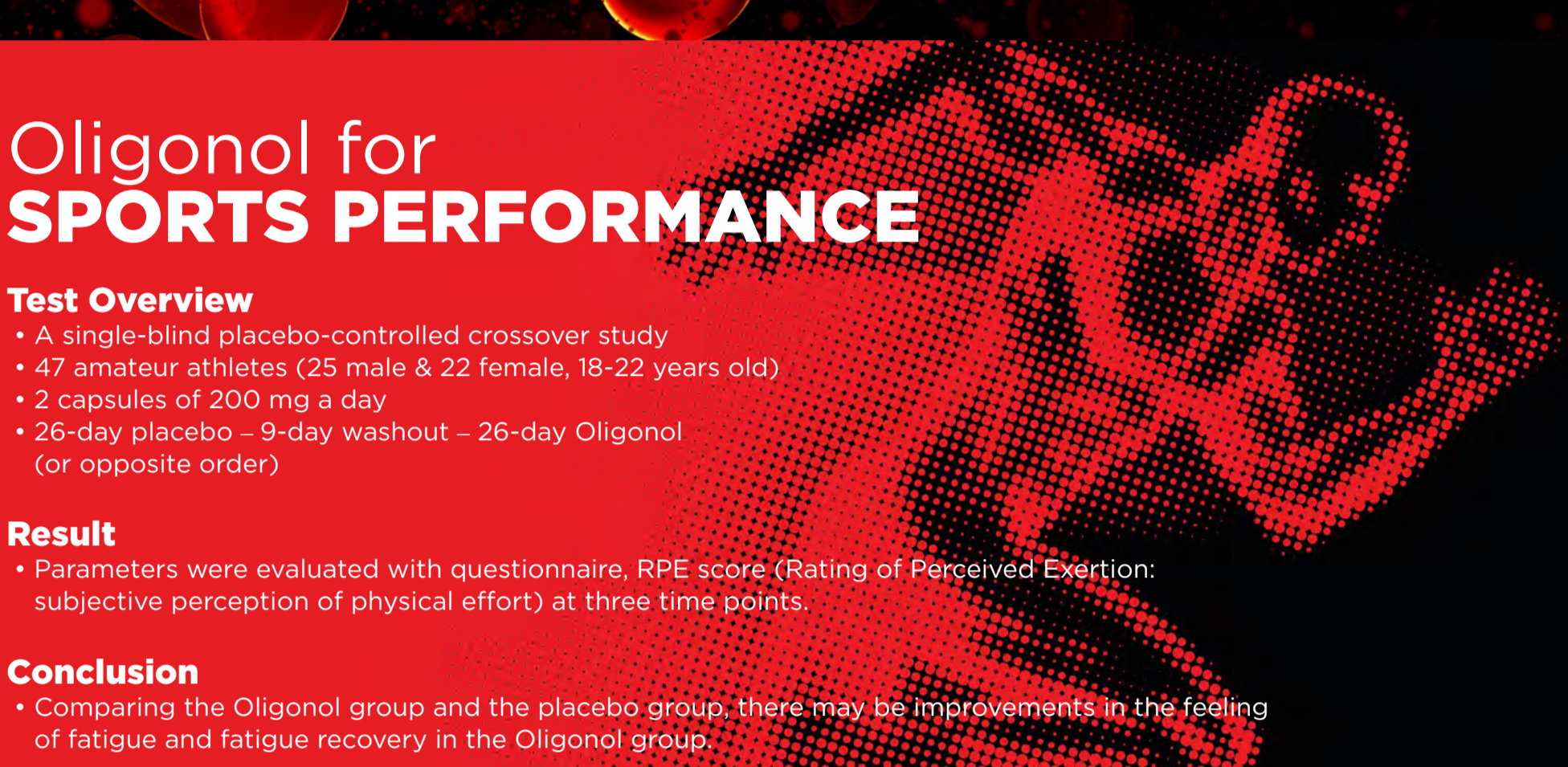
- Double-blind placebo-controlled cross-over study
- Oligonol 50 mg capsule orally taken
- Significant improvement after 30 min at hands & shoulders



Natural Medicine Journal 6(7), July 2014

\*results may vary

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



## Oligonol for SPORTS PERFORMANCE

**Test Overview**

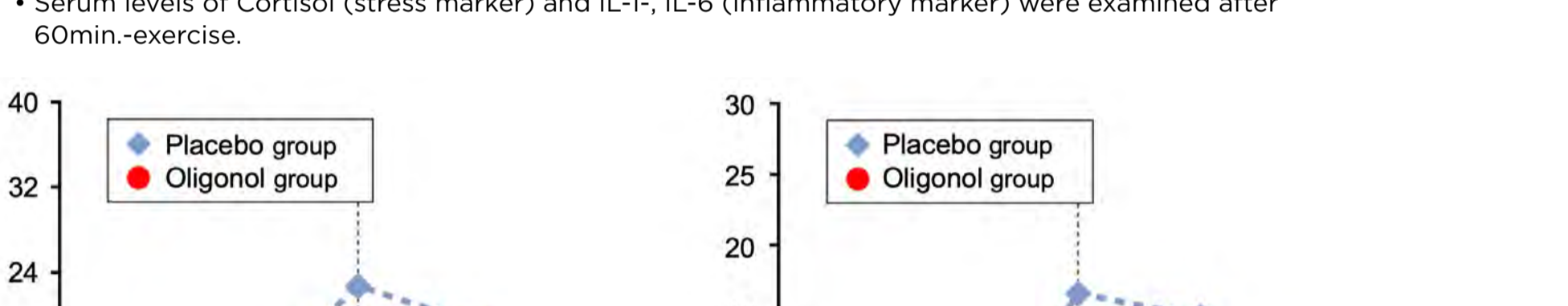
- A single-blind placebo-controlled crossover study
- 47 amateur athletes (25 male & 22 female, 18-22 years old)
- 2 capsules of 200 mg a day
- 26-day placebo – 9-day washout – 26-day Oligonol (or opposite order)

**Result**

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

**Conclusion**

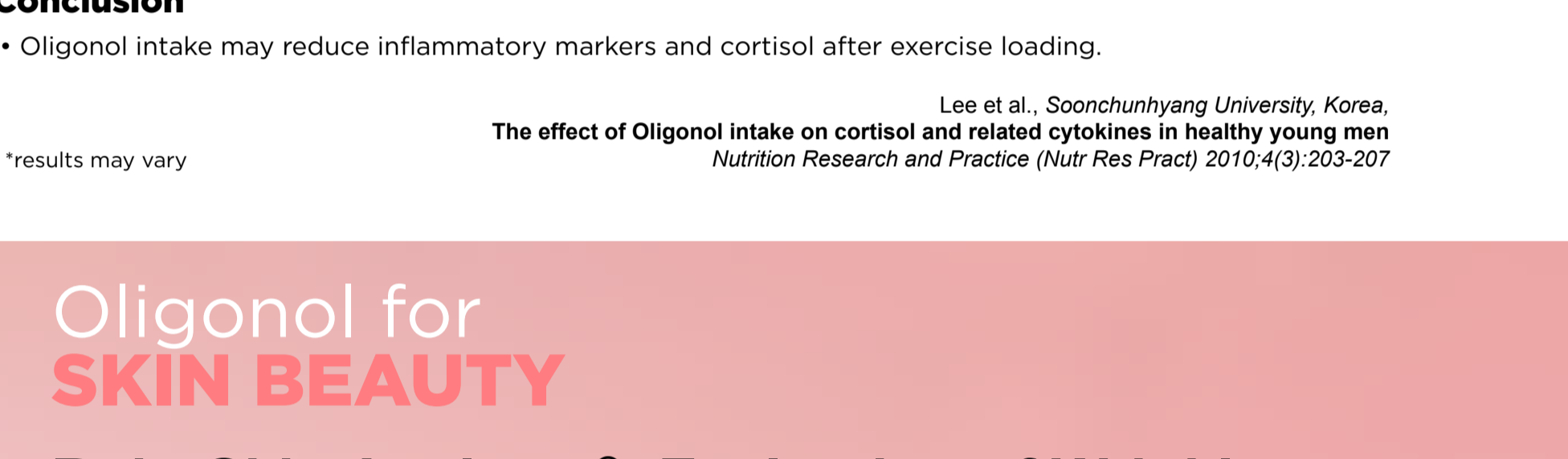
- Comparing the Oligonol group and the placebo group, there may be improvements in the feeling of fatigue and fatigue recovery in the Oligonol group.



## 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, IL-6 (inflammatory marker) were examined after 60min.-exercise.



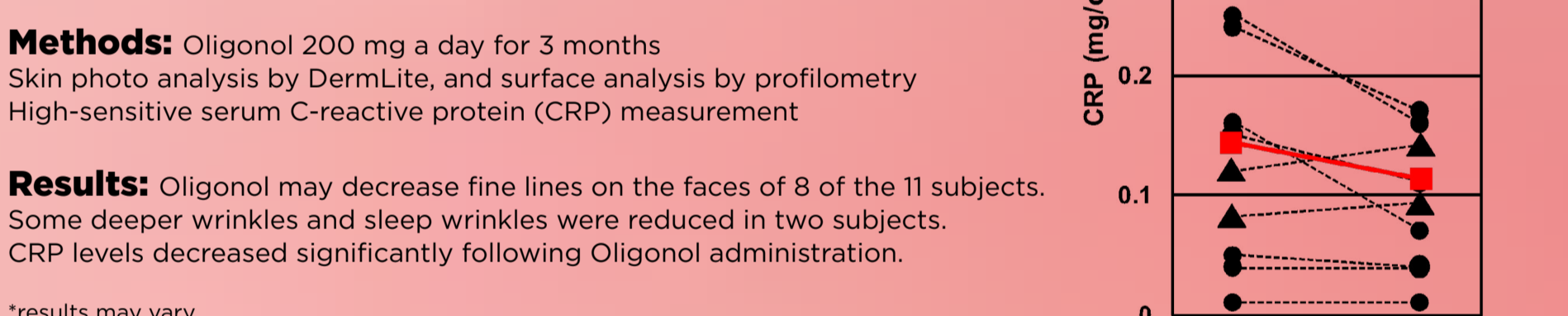
Lee et al., Soan Chunhyang University, Korea, Nutrition Research and Practice (Nutr Res Pract) 2010;4(3):203-207

\*results may vary

## Oligonol for SKIN BEAUTY

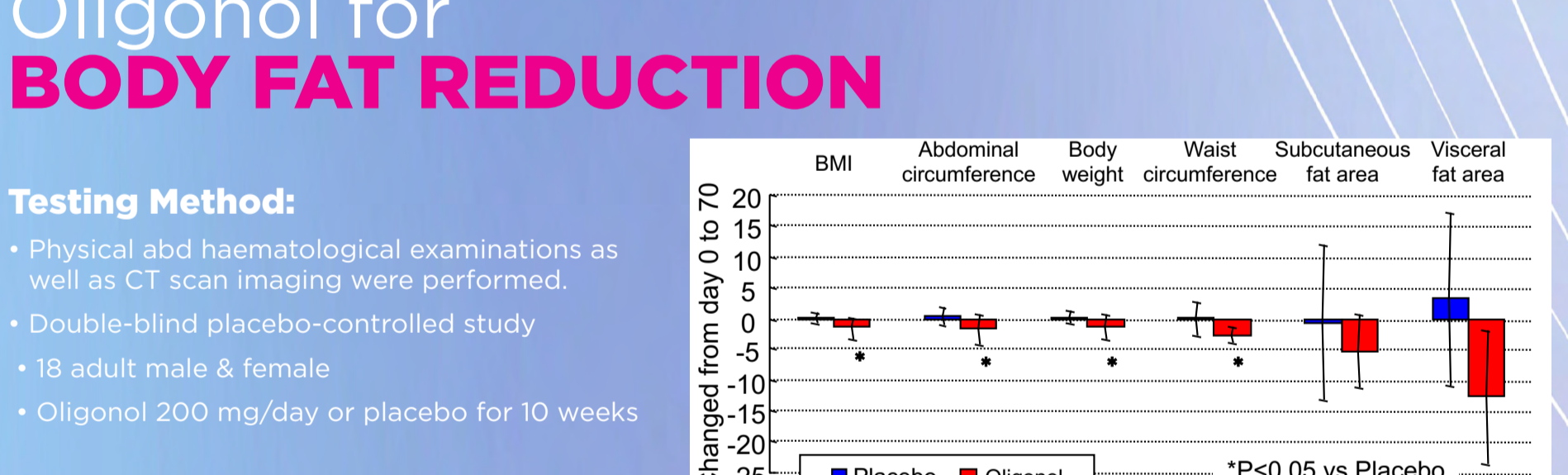
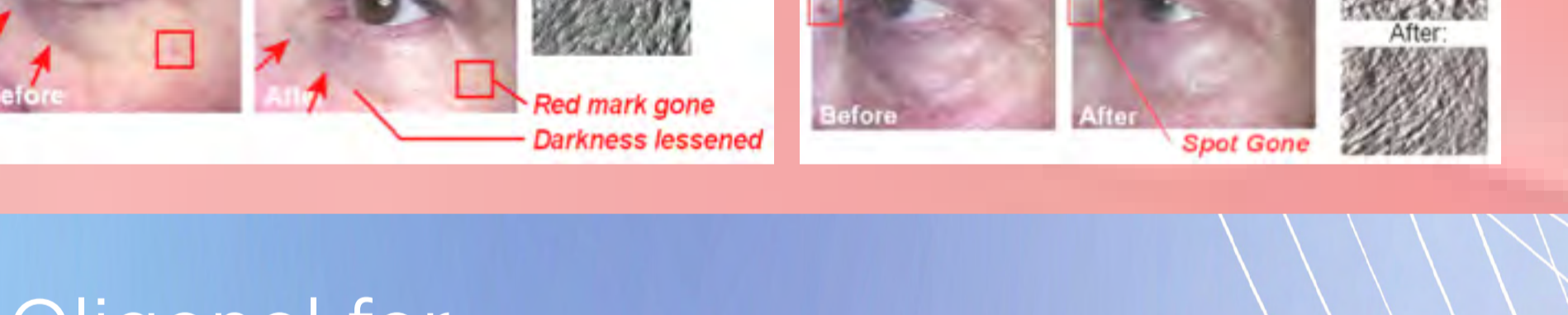
### RoboSkin Analyzer®: Evaluation of Wrinkles and Brown Spots

**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 200 mg/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.

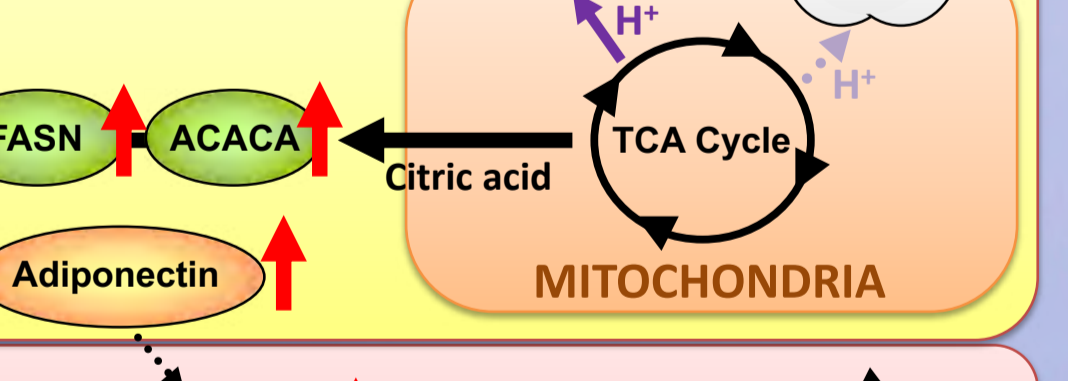


## Oligonol for BODY FAT REDUCTION

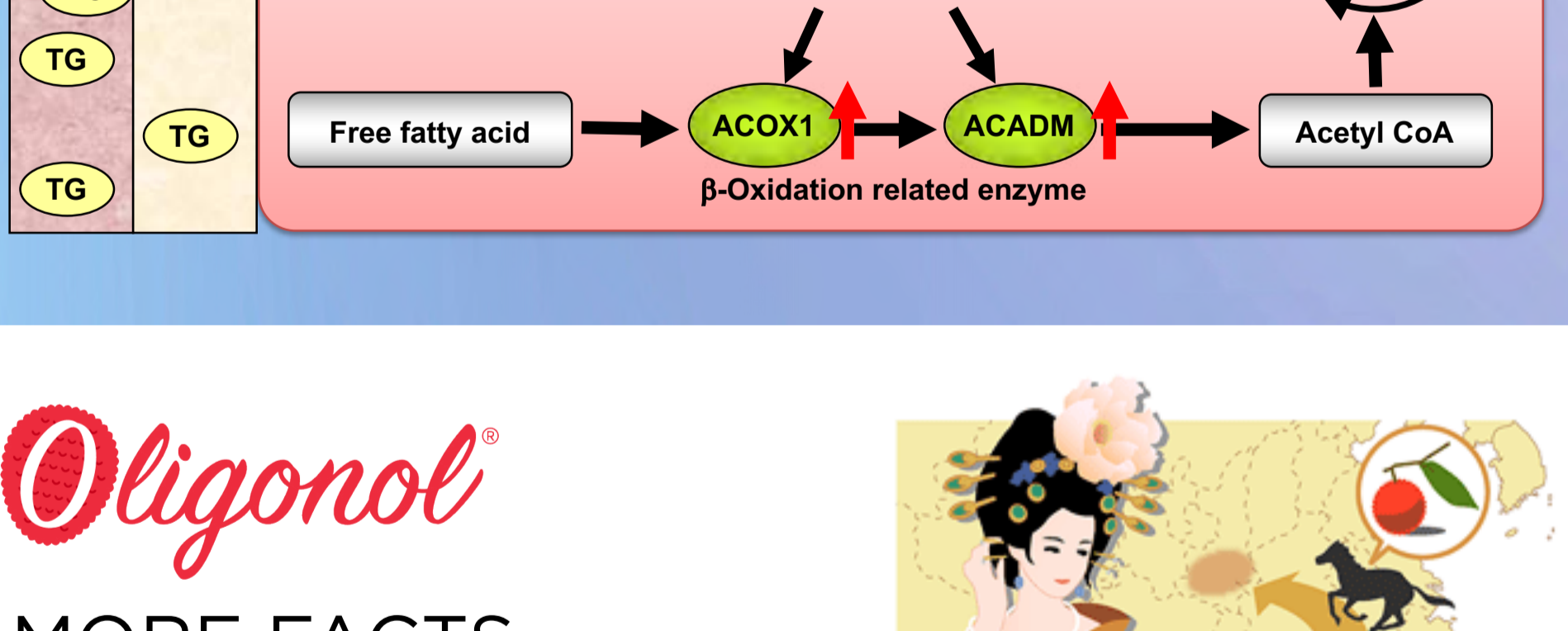
**Testing Method:**

- 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

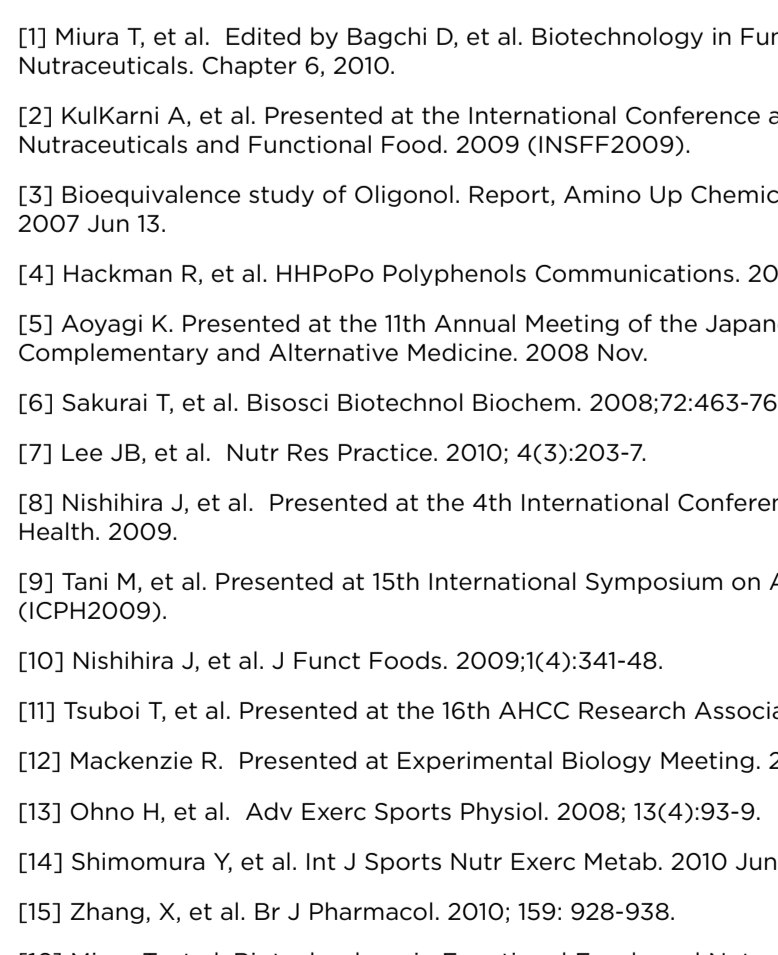
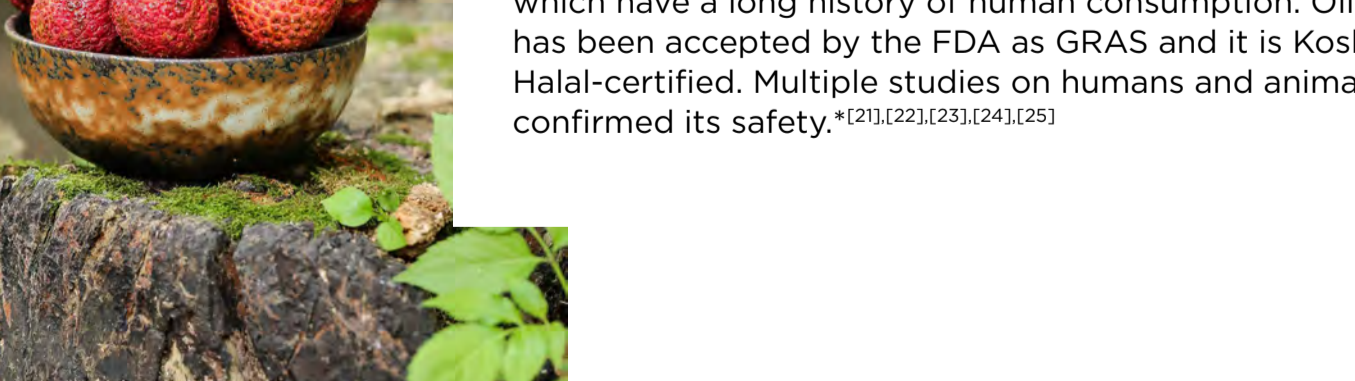
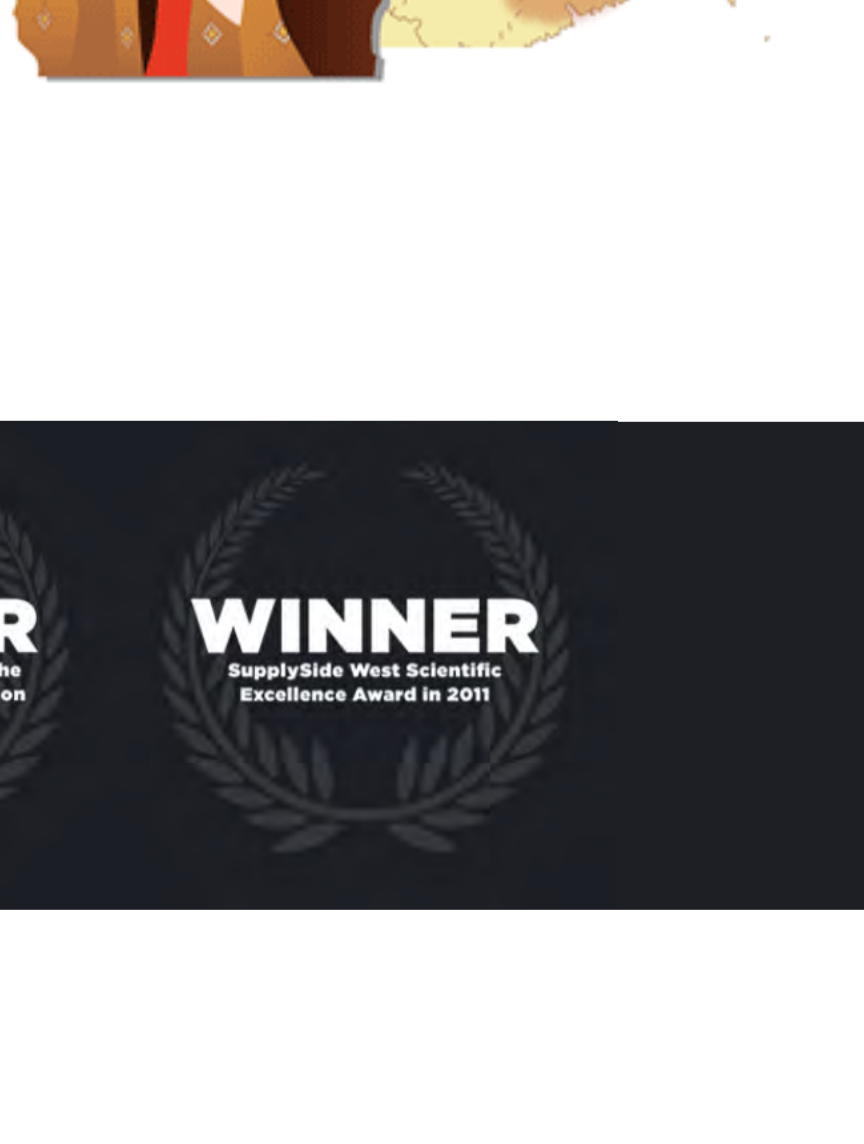


Reference: Jun Nishihira, Maremi Sato-Ueshima (Hokkaido Information University, Japan), et al. Journal of Functional Foods, 1(4): 341-348 (2009)



## 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.<sup>[21][22][23][24][25]</sup>

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\*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



**Oligonol®**  
**A Standardized, Oligomerized Polyphenol from Lychee-Fruit Extract**  
Superior bioavailable antioxidant  
Blood flow  
Physical performance & Sports nutrition  
"Beauty from within"  
Body fat and muscle composition