

Influence of ProDen PlaqueOff® Dental bites containing *Ascophyllum nodosum* on oral health in dogs, a double-blind, randomised, placebo-controlled study.

J. Gawor et al 2017

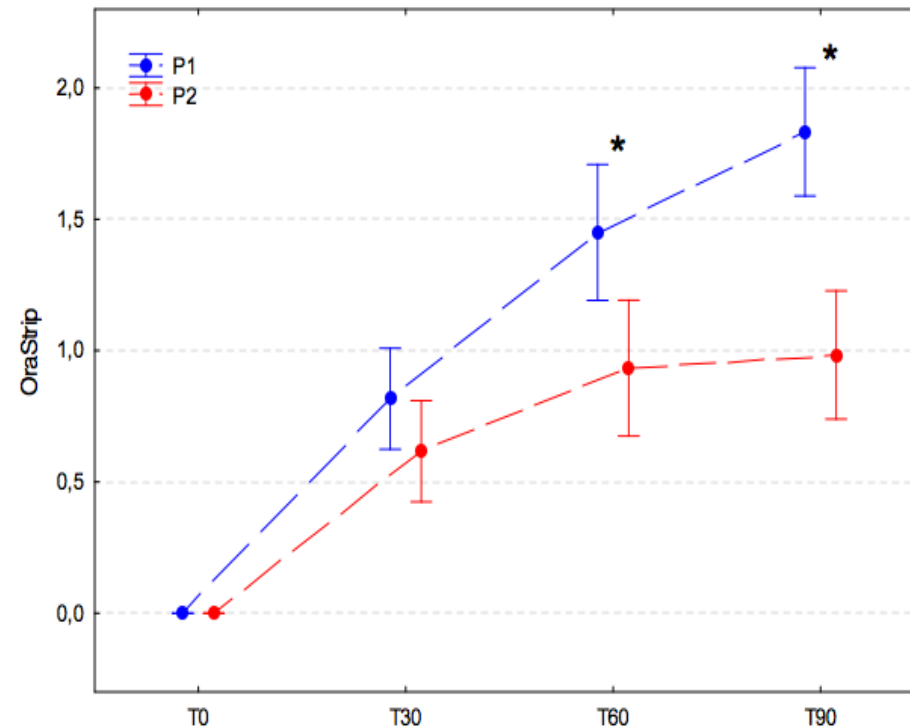
# Protocol

Objective: To determine the influence of the product ProDen PlaqueOff® Dental Bites containing the brown alga *Ascophyllum nodosum* on plaque and dental calculus accumulation and on halitosis, and gingival bleeding index.

- Product: ProDen PlaqueOff® Dental Bites containing the alga *Ascophyllum nodosum*
- Placebo: Dental Bites identical to the product but without the alga.
- Type of study: Two double blind, placebo controlled study
- Scientific director: Dr. Jerzy Gawor, Krakow Poland
- Safety parameters: Weight, general appearance, blood tests
- Dogs included: 2x30 dogs of 5 breeds (Schnauzer, Japanese chin, Chihuahua, Pomeranians, West Highland White Terrier.
- Intervention duration: 90 days
- Model: Clean mouth model
- Analyses: Outcome for all endpoints were analysed after 30, 60 and 90 days.

# Results

- There was a statistical significant difference between the tested product (ProDen PlaqueOff®) and the placebo product for all tested endpoints i.e. plaque, calculus, halitosis and gingival bleeding index.
- The magnitude of the difference between the placebo product and the tested product (ProDen PlaqueOff®) was 30-70%
- Example on effect of the investigated product:  
Halitosis measured as  
Volatile Sulphur Compounds (OraStrip)  
P1 Placebo  
P2 ProDen PlaqueOff®

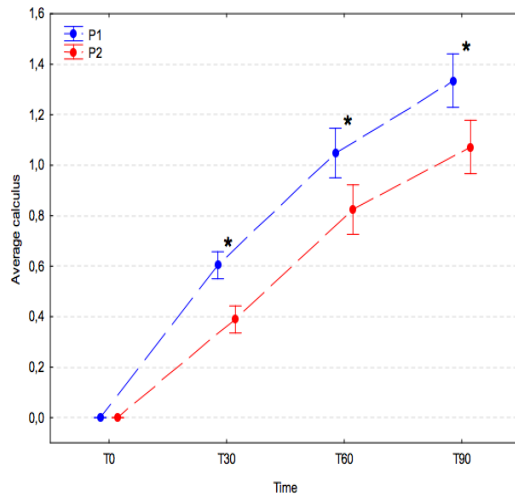


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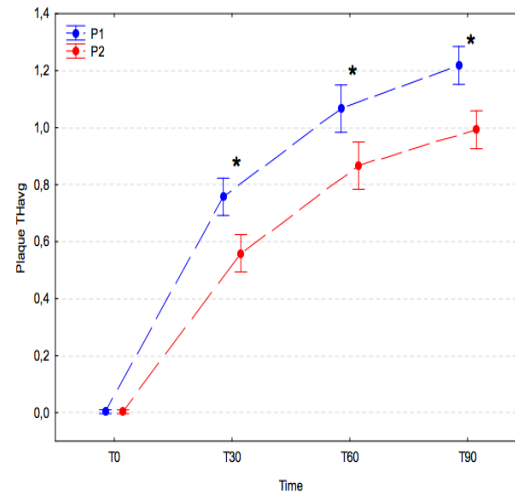
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Example on effect of the investigated product: P1 Placebo, P2 ProDen PlaqueOff®

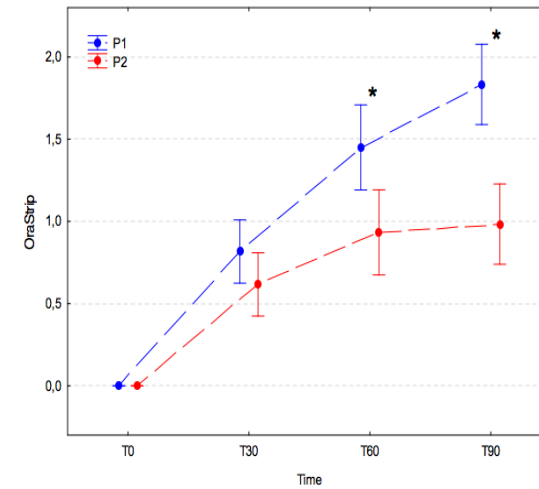
Calculus



Plaque thickness



Halitosis measured as Volatile Sulphur Compounds (OraStrip)



## VOHC (Veterinary Oral Health Council®) seal

- The studies on oral health including plaque and calculus (tartar) was the basis for the approval of the product ProDen PlaqueOff® Dental Bites for dogs. The product is now VOHC accepted. This grants Swedencare the right to use and market the seal below for the product.

