

**PETAGILE®**  
Feeding Mobility



## PETAGILE® – Improving Quality of Life for our most trusted companions



- Bioactive Collagen Peptides® proven to stimulate joint cartilage metabolism in pets and especially dogs
- A new generation active ingredient improving mobility
- A pure collagenous protein with no side effects

**GELITA**  
Improving Quality of Life

## PETAGILE® is specifically formulated to regain and support mobility and agility in pets

The effect of PETAGILE® has been studied in several pre-clinical and clinical trials. Taken orally, PETAGILE® is partially absorbed as intact peptides. These Bioactive Collagen Peptides\* stimulate the cartilage cells (chondrocytes) to increase production of new cartilage matrix. Cartilage matrix predominantly consists of collagen and proteoglycans which act as a buffer between bones.

Change in the joint cartilage after 3 months  
(tissue sections)

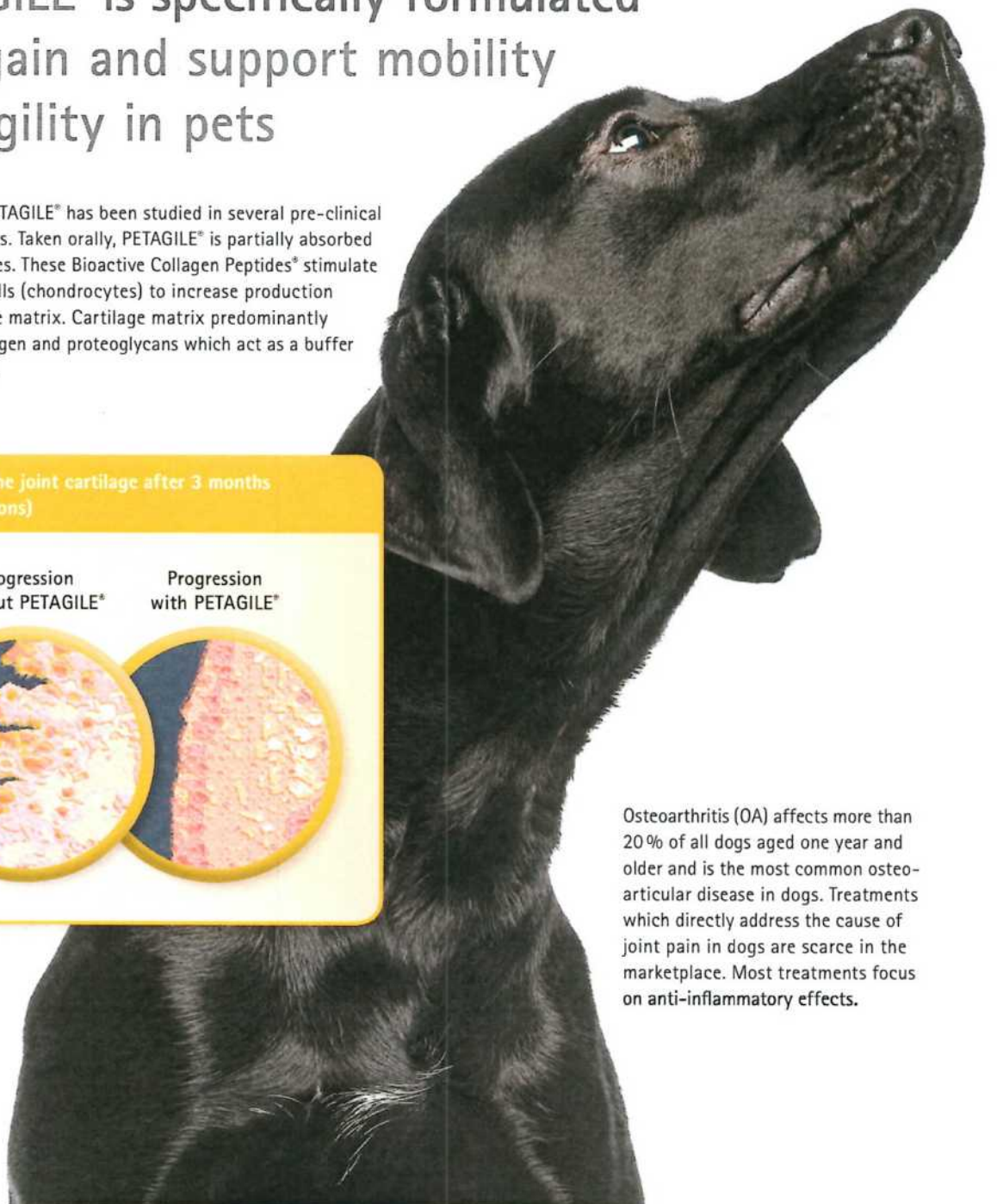
Progression  
without PETAGILE®



Progression  
with PETAGILE®



Osteoarthritis (OA) affects more than 20% of all dogs aged one year and older and is the most common osteo-articular disease in dogs. Treatments which directly address the cause of joint pain in dogs are scarce in the marketplace. Most treatments focus on anti-inflammatory effects.



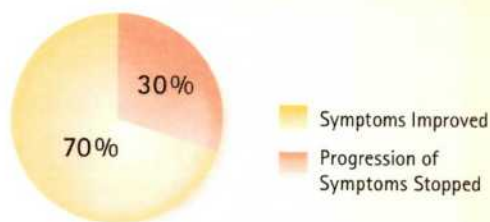


## Proven effective in clinical studies

Several clinical studies with more than 100 dogs investigated the effects of PETAGILE® supplementation. Results from these PETAGILE® studies confirmed the positive effects of PETAGILE® in counteracting joint discomfort.

In a study conducted with 26 German Shepherds the progression of lameness and growing difficulties to move ceased in all dogs with collagen supplementation. In 70% of the dogs, lameness could be decreased and the ability to move (getting up, climbing stairs) significantly improved.

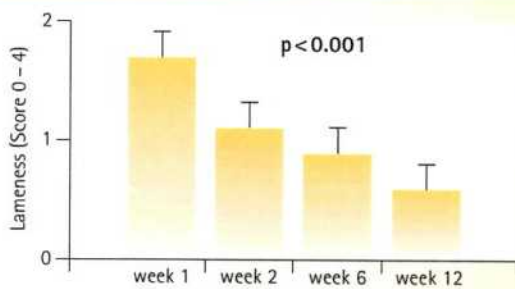
### Progression of Symptoms\*



Hesse, 1-2/2006

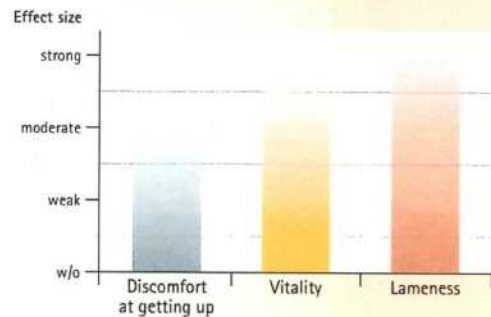
Another study with more than 30 dogs involved, presented clear improvement in measured parameters after a 12 week treatment.

The degree of lameness, evaluated by the veterinarian, decreased statistically significantly after 12 weeks of daily ingestion of 5 g PETAGILE®\*

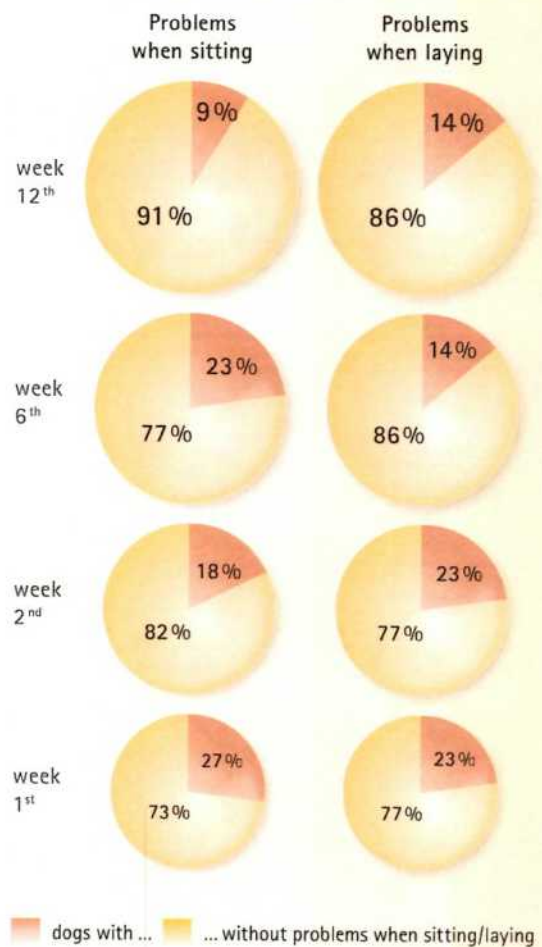


\*unpublished data

Below chart is showing the effect size for the parameters discomfort at getting up, vitality, and lameness after 12 weeks daily ingestion of 5 g PETAGILE®\*



Problems when sitting and laying decreased statistically significantly after 12 weeks of daily ingestion of 5 g PETAGILE® (n = 22)\*



## Pets benefit from PETAGILE®

The oral administration of PETAGILE® has beneficial effects on mobility in dogs and contributes generally to the maintenance of joint health in preserving mobility and quality of life.

The recommended dosage of PETAGILE® based on previous trials' dosages is approximately 1 gram per 5 kg body weight.

PETAGILE® offers target group specific solutions with suggested daily dose, shown in the table to the right.

### Elderly animals

- Increases activity
- Regains mobility and flexibility
- Augments well-being

### Active animals

- Supports mobility and flexibility
- Optimizes joint health, function and comfort
- Increases performance

### PETAGILE® is the perfect partner

- Excellent solubility
- Easy to formulate
- Zero: fat, purines, cholesterol, additives, colorants, synthetic aromas

In a palatability test with dogs PETAGILE® showed great acceptance.



## Make innovative product ideas a reality!

PETAGILE® can enhance the most diverse of pet foodstuffs, including canned food, mixed provender, dietary supplements and treats.



### DOGS

### DOSAGE

	<b>Extra-small</b> 1 – 5 kg 2 – 11 lbs	≈ 1 grams
	<b>Small</b> > 5 – 10 kg > 11 – 22 lbs	≈ 2 grams
	<b>Medium</b> 11 – 25 kg 24 – 55 lbs	≈ 3–5 grams
	<b>Large</b> 26 – 44 kg 57 – 97 lbs	≈ 6–8 grams
	<b>Giant</b> > 45 kg > 99 lbs	> 9 grams

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. The information contained herein is for business and informational purposes only. Although the information provided is, to the best of our knowledge, truthful and accurate, GELITA does not guarantee its accuracy. Companies desiring to incorporate any structure/function claim in product labeling or advertising must consult with appropriate legal counsel to ensure any such claim is lawful and substantiated for the specific product marketed. GELITA assumes no responsibility for buyer's product claims.

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