Antinol (PCSO-524®)

102 kg of mussel meat yields **1 kg of non-polar** Anti-inflammatory lipids.

Premium production The mussel meat is removed without heat and stabilized prior to extraction.

CO2 Super-critical extraction at low temperatures protects the therapeutic value of the oil.

PRODUCTION

4.2 kg of mussel meat yields 1 kg of mussel powder.

MUSSEL POWDER

Cheap production: The shell is opened with heat to remove the meat, then freezed or spray-dried with heat.

Heat compromises the therapeutic effect of the mussel powder.

25 KG

POWDER

HIGH

1 KG OIL

NOT

DETECTABLE

QUALITY

MUSSEL MEAT

No Rancidity: Antinol's patented Extraction process maintains the oils stability for a period of 3 years.

All contaminants are removed during extraction including heavy metals like Cadmium, and any toxins or pesticides that might have been ingested by the mussels.



HΕΔVY

METALS

High Rancidity: The fatty acids start oxidising during the manufacturing process and continue to turn rancid thereafter.

Cadmium and other contaminents are not removed from the powder and accumulate in the body. Cadmium levels often exceed nutrition supplement legislation limits.

PCSO-524® is encapsulated with added Natural Olive Oil to increase bioavailability

Antinol contains no proteins. Seafood proteins can cause allergies.

PCSO-524® contains over 90 stabilized fatty acid fractions including ETA, OTA, EPA, and DHA

A natural pure product, No heavy metals and salt-free.

INGREDIENTS

55% 100% 15% OIL CARBS 18% SALT 12%

High protein content means high risk of shellfish allergies.

Interaction between fatty acids and unnecessary compounds like protein accelerate the rancidity process.

Salt content is high.

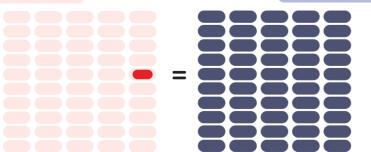
1x 50mg Antinol Capsule

POTENCY

OIL

Equivalent Anti-inflammatory Effect





Reference: Michael W. Whitehouse Inflammopharmacology, 1999

No Published Clinical Study

Wholistic Pet Organics "NO CLINICAL STUDY "NO CLINICAL STUDY Osteo-Pet P&B "NO CLINICAL STUDY Bailey+Co "NO CLINICAL STUDY irRAWsistible "NO CLINICAL STUDY "NO CLINICAL STUDY 'NO CLINICAL STUDY

SCIENTIFIC AND CASE STUDIES

Peer Reviewed Journals and 26 Case Studies



To view more or complete studies, please scan QR CODE to visit www.antinolstudies.com

Peer Reviewed Journals

- The effectiveness of Marine based fatty acid compound (PCSO-524®) and firocoxib in the treatment of Canine Osteoarthritis. Authors: Viamsom et al. BMC Veterinary Research, 2019
- Clinical study of PCSO-524® (Antinol®) as neutraceutical in Canine Allergic Skin Disease Authors: Chaivot Tanrattana & et al., WVAC 2018
- The effectiveness of Marine based fatty acid compound (PCSO-524®) alone and combined with Firocoxib in the treatment of Canine Osteoarthritis
 Authors: Beale Be at al., VOS conference 2018
- The Relationship of Cytokines level in Serum and Orthopaedic Assessment of Dogs with Hip Osteoarthitis Authors: Thitichai Jarudecha. Monchanok Vijarnsorn & et al., KU-KPS National Conference, 2018
- The safety Study of PCSO-524® extract (Antinol®) in Cats
 Authors: Rosama Pusconthornthum, VPAT Regional Veterinary Congress Proceedings 2017
- Effectiveness of disease modifying Osteoarthritis agents and Carprofen for treatment of Canine Osteoarthritis Authors: Irin Kwananocha, Monchanok Vijarnsom & et al., Thai Journal Vet Med, 2016
- The effectiveness of Marine based fatty acid compound and NSAIDs for the treatment of Canine Ostooarthritis: Preliminary study Authors: Inn Kwananocha, Monchanok Viginrsom & et al., WSAWA FASAVA Congress, 2015
- Effect of PCSO-524® on OA Biomarkers and Weight Bearing Properties in Canine Shoulder and Coxofemeral Osteoarthritis
 Authors: Kampanart Soontornvipart & et al., Thai Journal Vet Med, 2015
- Safety study of Dietary polysaturated fatty acids supplement PCSO-524® (Antinol®) in Beagle dogs Authors: Ultra Jamikom & Sirintorn Yibchok-anun., Thai Journal Vet Med, 2014
- 10) Clinical Effect of Glucosamine and Chondroltin contained Nutraceutical on Osteoarthritis in Dogs after Anterior Cruciate Ligament Rupture Surgical Repair Authors: Prach Mainisasp Kampanart Soontorwipart & et al., Thai Journal Vet Med, 2014
- 12) The Preliminary study of the Clinical outcome of using the PCSO-524® polyunsaturated (Antinof®) in the treatment of Canine Osteoarthritis and degenerative spinal diseases Authors: Natwadee Mongkon, Kampanart Soonormipart & et al., Thai Journal Vet Med, 2012 ed fatty acid compound

Case Studies 2016-2018

- Effect of Nutraceutical treatment of Feline Fhine and Hip Dysplasia in an 8-month Old Cat Authors: Piyathida Ardaum and Napapon Senarat, Antinol® Cat Case Study Contest 2018
- Use of PCSO-524* along with physical therapy for controlling pain and inflammation in a Cat suffering from Osteoarthritis, Chronic Kidney Disease and Triaditis Authors: Mananya Danpitakkul & et al., Antinol* Cat Case Study Contest 2018
- Clinical Effect of PCSO-524® on 3 Osteoarthritic cats associated with Chronic Kidney Disease Authors: Pemika Dulyapraphant, Antinol® Cat Case Study Contest 2018
- Use of PCSO-524* (Antinol*) and antipruritic drug for treatment of itch caused by Flea Allergy Dermatitis (FAD) and Psychological Alopecia in domestic short hair cat Authors: Sonon Somsanit Antinol* Cat Case Study Contest 2018
- 5) Use of PCSO-524® for control of inflammation caused by Iris Tumor and Uveitis in cats with Lymphoma and Chronic Kidney Disease Authors: Nuanwan Rujirekasuwan, Antinol® Cat Case Study Contest 2018
- PCSO-524® (Antinol®) use in Persian cat with Dynamic Hypertrophic Obstructive Cardiomyopathy (HOCM) Authors: Kanok Bamrungsri, Antinol® Cat Case Study Contest 2018
- Use of PCSO-524[®] (Antinol[®]) for treatment of Obsessive-Compulsive Disorder (OCD) in Domestic Short Hair Cat Authors: Kanok Bamrungsri, Antinol[®] Case Study Contest 2017
- 8) The Trial Treatment of Feline Osteoarthritis in an Eleven-Year-Old Cat Authors: Napaporn Senarat and Irin Kwananocha, Antinol® Case Study Contest 2017
- 9) Use of PCSO-524* for Treatment of Spine Fracture in Conjunction with Pedicle Screw-Rod Fixation (PSRF) Authors: Titiphan Trakanpol, Antinol* Case Study Contest 2017
- In Efficacy of PCSO-524° and prednisolone combination treatment for neck pain in Chihuahua dog with Chiari-like malformation and syringomyelia Authors: Pichanun Linharatanaruksa, Antinol® Case Study Contest 2017
- 11) Use of PCSO-524® Combined with Surgical Treatment of Patellar Iuxation in Dogs Authors: Chalika Wangdee, Antinol® Case Study Contest 2017
- 12) Effect of PCSO-524® Supplement on Inflammation and Pain Control and Its Safety for Orthopedic Surgery in Pregnant Cats Authors: Tirawat Sumalai, Antinol® Case Study Contest 2017
- 13) Effects of New Zealand Green-Lipped Mussel Extract (PCSO-524*) for Treatment of Exertional Rhabdomyolysis in Fighting Cocks Authors: Chaowaphan Yinhammingmongkol, Antinol® Case Study Contest 2017
- 14) Efficacy of oral PCSO-524® as an anti-inflammatory medicationin a Persian cat with pruritic skin disease. Authors: Leroen Duandkaew, Chaiyan Kasorndokbua, Warunya Tessarak, Antinol® Case Study Contest 2017
- 15) Treatment of Severe Hind Limb Paresis and Posterior Paresis Caused by Traumatic Myelopathy in Cats Using PSC0-524 (AntinoP) and Physical Therapy Authors: Anyamanee Chuybamrung, Antinol* Case Study Contest 2017
- High Control of the Control of
- 17) Effects of PCSO-524® on Inflammation Control in Cats with Chronic Renal Disease after Kera' and Conjunctival Pedicle Graft for Treatment of Corneal Sequestrum from Indolent Ulcer Authors: Roungrut Puttiongkawat. Annio
- 18) The Use of Cyclosporine and PCSO-524® in the Treatment of Alopecia and Dermatitis due to Sebaceous Adenitis in Rabbits Authors: Chaowaphan Yinharminigmongkol, Antinol® Case Study Contest 2016
- 20) Effects of PCSO-524® on Treatment of Cranial Cruciate Ligament Rupture in Dogs after Tibia Plateau Leveling Osteotomy (TPLO) and Physical Rehabilitation Authors: Supaporn Komulty, Antinoff Case Study Contest 2016
- 21) The Treatment of Medial Coronoid Disease in a Seven Months Old Labrador Retriever Authors: Irin Kwananocha, Antinol® Case Study Contest 2016
- 22) A Study of Efficacy and Safety of PSCO-524® (Antinol®) in Treatment of Medial Patellar Luxation and Cranial Cruciate Ligament Rupture in a Yorkshire Terrier Dog Authors: Kanok Bamungsri, Antinol® Case Study Contest 2016
- 23) Effects of PSCO-524® (Antinol®) Supplementation during 12 Months Follow-up in 2 Cats with Cystitis and Chronic Renal Disease
 Authors: Roungrut Puttirongkawat, Antinol® Case Study Contest 2016
- 24) Use of PSCO-524® (Antinol®) for Treatment of Nervous Disorder Caused by Car Accident and Hip Osteoarthitis in Geriatic Cats
- 25) PSCO-524® as Supportive Therapy for Generalized Alopcia in Guinea Pigs Authors: Chonkann Cheepborisutkul, Antinol® Case Study Contest 2016
- 26) Use of Acupuncture in Combination with PSCO-524® (Antinol®) for treatment of Hindlimb Paresis in Prairie Dogs Authors: Varinda Somrith, Antinol® Case Study Contest 2016