

Choose Adequan® i.m.
(polysulfated glycosaminoglycan)
to improve joint function.



Adequan® i.m.
(POLYSULFATED GLYCOSAMINOGLYCAN)
diminishes or reverses degenerative joint
disease and improves joint function.

Adequan® i.m.
(POLYSULFATED GLYCOSAMINOGLYCAN)
is a **potent enzyme inhibitor**
that travels to traumatized knee
or hock joints.

Adequan® i.m.
reaches peak
therapeutic
levels in joints
2 hrs after
intramuscular
injection.

Adequan® i.m. is
detected in cartilage
and subchondral
bone up to **96 hours**
after a single
intramuscular injection.*

Destructive
enzymes
Eroded
cartilage



The hyaluronic acid (HA)
in the synovial fluid
nearly **doubles** within
48 hours after a single
Adequan® i.m. injection.

Learn more about equine degenerative joint disease. View the "Balanced joints. Sound horse." educational DVD at adequan.com. Or order a free copy of the DVD by calling 800-974-9247.

1Burba DJ, Collier MA, DeBault LE, Hanson-Painton O, Thompson H: IN VIVO KINETIC STUDY OF INTRAMUSCULAR TRITIUM-LABELLED POLYSULFATED GLYCOSAMINOGLYCAN IN EQUINE BODY FLUID COMPARTMENTS AND ARTICULAR CARTILAGE IN A PHYSICALLY INDUCED ARTHRITIS MODEL. The Journal of Equine Veterinary Science 1993; 696-703. *Concentrations of Adequan i.m. in the synovial fluid begin to decline after peak levels are reached at 2 hours; then remain constant from 24 hours post injection through 96 hours.

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Studies have not been conducted to establish safety in breeding horses.
Do not use in horses intended for human consumption.

Adequan® i.m.

Brand of Polysulfated Glycosaminoglycan (PSGAG)
Solution 500 mg/5 mL. For Intramuscular Use In Horses.

CAUTION: Federal law restricts this drug to use by or on the order of a licensed veterinarian.

DESCRIPTION: Each 5 milliliters of Adequan® i.m. contains 500 mg of Polysulfated Glycosaminoglycan and Water for Injection q.s. Sodium Hydroxide and/or Hydrochloric Acid added when necessary to adjust pH. Sodium Chloride may be added to adjust tonicity.

PHARMACOLOGY: Polysulfated Glycosaminoglycan is chemically similar to the glycosaminoglycans in articular cartilage matrix. PSGAG is a potent proteolytic enzyme inhibitor and diminishes or reverses the pathologic processes of traumatic or degenerative joint disease which result in a net loss of cartilage matrix components. PSGAG improves joint function by reducing synovial fluid protein levels and increasing synovial fluid hyaluronic acid concentration in traumatized equine carpal and hock joints.

TOXICITY: Toxicity studies were conducted in horses. Doses as high as 2,500 mg were administered intramuscularly to 6 horses twice a week for 12 weeks. This dosage is 5 times the recommended dosage and 3 times the recommended therapeutic regimen. Clinical observations revealed no soreness or swelling at the injection site or in the affected joint. No animal had any clinical or laboratory evidence of toxicity.

INDICATIONS: Adequan® i.m. is recommended for the intramuscular treatment of non-infectious degenerative and/or traumatic joint dysfunction and associated lameness of the carpal and hock joints in horses.

CONTRAINDICATIONS: There are no known contraindications to the use of intramuscular Polysulfated Glycosaminoglycan.

WARNING: Do not use in horses intended for human consumption.

DOSAGE AND ADMINISTRATION: The recommended dose of Adequan® i.m. in horses is 500 mg every 4 days for 28 days intramuscularly. The injection site must be thoroughly cleansed prior to injection. Do not mix Adequan® i.m. with other drugs or solvents.

REPRODUCTIVE SAFETY: Studies have not been conducted to establish safety in breeding horses. Dispose of spent needles in accordance with all federal, state and local environmental laws.

WARNING: Keep this and all medications out of the reach of children.
HOW SUPPLIED: Adequan® i.m. solution, 500 mg/5 mL is available in 5 mL glass vials, packaged in boxes of 7.

STORAGE CONDITIONS: Store at controlled room temperature up to 25°C (77°F) (See USP). Discard unused portion.

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Made in U.S.A., IN 99501, Rev. 8/07, MG #7560
NADA #140-901, Approved by FDA