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NO-SLIP TIP SYRINGE

POLYGLYCAN®-HV

(Hyaluronic Acid/Chondroitin sulfates C4 & C6/N-acetyl-D-glucosamine Sterile Solution)



Frosted Tip
— NEW! —

High-Viscosity

Extra Space

ALL IN ONE
TECHNOLOGY



NO-SLIP TIP

With the new frosted tip, say goodbye to pesky needles that slip off.



HIGH VISCOSITY

Polyglycan®-HV is the highest viscosity Polyglycan formula available.

*Check out our latest AJVR research study on the back.



EXTRA SPACE

All-in-one technology from Polyglycan, plus an extra 2.5 mL of space for additional medication.






For more information, please visit
www.Polyglycan.com or call 1-888-524-6332.

PRODUCT COMPARISON

Patented 3-component formula



	 Polyglycan	 Polyglycan-HV	 Polyglycan-SA	Other Injectable Joint Products
Size	10mL Vial	2.5mL Prefilled Syringe	2.5mL Vial	Varies
Hyaluronic acid sodium salt	50mg	20mg	12.5mg	Varies
Sodium chondroitin sulfate	1,000mg	250mg	250mg	NONE
N-acetyl-D-glucosamine	1,000mg	120mg	250mg	NONE

AJVR PUBLISHED STUDY

Effects of an articular cartilage lubrication with a viscosupplement in vitro and in vivo following osteochondral fractures in horses

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OBJECTIVE
 To assess whether the combination of hyaluronic sodium chondroitin sulfate and N-acetyl-D-glucosamine (HCSG) lubricates articular cartilage in vitro and modulates gene expression in vivo.

ANIMALS
 18 healthy adult horses.

PROCEDURES
 The effects of HCSG injections on SF lubrication properties and joint health, immediately after injury and 2 weeks later, were analyzed in one or equine osteochondral fracture models of post-traumatic osteoarthritis (OA). Middle carpal joints of adult horses were randomly assigned to 1 of 4 surgical treatment groups as follows: normal noninjured group (N = 8), normal osteoarthritic group (O), OA-injured surgical group with HCSG injection (H), or OA-injured surgical group with saline (S). HCSG solution injection (H), surgical fluid was aspirated periodically and analyzed for lubrication function and lubricant molecules. At 17 days, joints were analyzed for gross pathological changes.

RESULTS
 Injection of OA led to an impairment of SF lubrication function and decreased hyaluronan concentration in a time-dependent manner following surgery. With HCSG injection during these effects, certain fluid rheological properties approached those of unaffected normal equine SF. Injection of OA also showed minimal hemorrhage at 17 days, which was lower in joints treated with HCSG.

CONCLUSIONS AND CLINICAL RELEVANCE
 After injection of OA, equine SF lubrication function was impaired. Hyaluronic acid, chondroitin sulfate, and N-acetyl-D-glucosamine injection restored lubrication properties to certain rheological and reduced pathological joint changes. (Am J Vet Res 2022; 83: 651-658)

NOW AVAILABLE:
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 Published Aug. 2021



scan the code with your mobile device to view the study

For more information, please visit www.Polyglycan.com or call 1-888-524-6332.

