

PHARMACY POLICY STATEMENT

Ohio Medicaid

DRUG NAME	Supartz FX (sodium hyaluronate)
BILLING CODE	J7321
BENEFIT TYPE	Medical
SITE OF SERVICE ALLOWED	Office/Outpatient Hospital
COVERAGE REQUIREMENTS	Prior Authorization Required (Preferred Product) Alternative preferred products include Durolane, Gelsyn-3 QUANTITY LIMIT— 5 injections (5 units)
LIST OF DIAGNOSES CONSIDERED NOT MEDICALLY NECESSARY	Click Here

Supartz FX (sodium hyaluronate) is a **preferred** product and will only be considered for coverage under the **medical** benefit when the following criteria are met:

Members must be clinically diagnosed with one of the following disease states and meet their individual criteria as stated.

OSTEOARTHRITIS OF THE KNEE

For **initial** authorization:

1. Member must be 40 years old or older; AND
2. Member must have a diagnosis of osteoarthritis confirmed by radiological evidence (e.g. Kellgren-Lawrence Scale score of grade 2 or greater); AND
3. Medication must be prescribed by an orthopedic surgeon, interventional pain physicians, rheumatologists, physiatrists (PM&R) and all sports medicine subspecialties; AND
4. Member tried and failed an intra-articular corticosteroid injection(s) in which efficacy was < 4 weeks duration; AND
5. Documentation that member tried and failed ALL of the following:
 - a) Weight loss attempts or attempts at lifestyle modifications to promote weight loss (only for members with BMI ≥ 30); AND
 - b) Sufficient trial (e.g. 2 to 3 months) of non-pharmacologic therapies (bracing/orthotics, physical/occupational therapy); AND
 - c) At least 3 simple analgesic therapies (acetaminophen, NSAIDs, oral or topical salicylates); AND
6. Member is not using medication for hip or shoulder related conditions; AND
7. Member is not allergic to avian proteins, feathers, and egg products.
8. **Dosage allowed:** Inject 20 mg (2 mL) once weekly for up to 5 weeks (total of 5 injections).

If member meets all the requirements listed above, the medication will be approved for 6 months.

For **reauthorization**:

1. Member must have documented significant pain relief that was achieved with the initial course of treatment; AND
2. Initial course of treatment has been completed for 6 months or longer; AND
3. Member meets all of the criteria for the initial approval.

If member meets all the reauthorization requirements above, the medication will be approved for an additional 6 months.

CareSource considers Supartz FX (sodium hyaluronate) not medically necessary for the treatment of the following disease states based on a lack of

robust clinical controlled trials showing superior efficacy compared to currently available treatments:

- Refractory interstitial cystitis
- Arthropathy - Disorder of shoulder
- Intravitreal tamponade
- Keratoconjunctivitis sicca
- Subacromial impingement, Syndrome of the shoulder

DATE	ACTION/DESCRIPTION
05/17/2017	New policy for Supartz FX created. Minimum age and BMI requirements changed. Limits of additional courses of treatment changed.

References:

1. Supartz [package insert]. Bioventus LLC: Durham NJ; April, 2015.
2. American Academy of Orthopaedic Surgeons. Treatment of Osteoarthritis of the Knee. Evidence-based guideline 2nd Edition. May 2013. Available at: <http://www.aaos.org/research/guidelines/TreatmentofOsteoarthritisoftheKneeGuideline.pdf> (December 31, 2015)
3. American College of Rheumatology, Subcommittee on Osteoarthritis Guidelines. Recommendations for the medical management of osteoarthritis of the hip and knee: 2012 update. *Arthritis Care & Research* 2012; 64(4):465-474. Agency for Healthcare Research and Quality (AHRQ). Three Treatments for Osteoarthritis of the Knee: Evidence Shows Lack of Benefit. Clinician's Guide. March, 2011
4. Goldberg VM, Buckwater MD. Hyaluronans in the treatment of osteoarthritis of the knee: evidence for disease modifying activity. *Osteoarthritis and Cartilage* March 2005;13(3):216-224.
5. Majeed M. Relationship between serum hyaluronan level and disease activity in early rheumatoid arthritis. *Ann Rheum Dis* September 2004; 63(9): 1166-8.
6. Tascioglu F, Oner C. Efficacy of intra-articular sodium hyaluronate in the treatment of knee osteoarthritis. *Clin Rheumatol*. 2003;22:112-117.
7. Lo, G H, et al. *JAMA*. 2003;290:3115-3121. Intra-articular Hyaluronic Acid in Treatment of Knee Osteoarthritis: A Meta- analysis. Retrieved 3/17/2011 from <http://jama.ama-assn.org/cgi/reprint/290/23/3115>
8. Bellamy N, Campbell J, Robinson V, Gee T, Bourne R, Wells G. Viscosupplementation for the treatment of osteoarthritis of the knee. *Cochrane Database Syst Rev*. 2006;(2):CD005321
9. Divine JG; Zazulak BT; Hewett TE. Viscosupplementation for knee osteoarthritis: a systematic review. *Clin Orthop Relat Res*. 2007; 455:113-22
10. Christensen R, Bartels EM, Astrup A, Bliddal H. Effect of weight reduction in obese patients diagnosed with knee osteoarthritis: a systematic review and meta-analysis. *Ann Rheum Dis*. 2007; 66(4):433-9.
11. Ueno, Y. et al. Investigation on result of use after launch of ARTZ and ARTZ Dispo: Evaluation on the efficacy, safety and utility in the medication for osteoarthritis of the knee and periartthritis of the shoulder. *Japanese Pharmacology & Therapeutics* 23(8):2151-2170, 1995.
12. Day, R. et al. A double blind, randomized, multicenter, parallel group study of the effectiveness and tolerance of intraarticular hyaluronan in osteoarthritis of the knee. *J Rheumatol* 31:755-782, 2004.
13. Karlsson, J. et al. Comparison of two hyaluronan drugs and placebo in patients with knee osteoarthritis. A controlled, randomized, double blind, parallel-design multicentre study. *Rheumatology (Oxford)*. 2002 Nov; 41(11):1240-8.
14. Bannuru R, Sullivan M, McAlindon T, Brodie C. Safety of Repeated Injections of Sodium Hyaluronate (SUPARTZ) for Knee Osteoarthritis: A Systematic Review and Meta-Analysis. *Cartilage* [serial online]. October 1, 2016;7(4):322-332. Available from: Scopus®, Ipswich, MA. Accessed April 10, 2017.
15. Supartz FX. Lexi-Drugs. Lexicomp. Wolters Kluwer Health, Inc. Riverwoods, IL. Available at: <http://online.lexi.com>. Accessed May 17, 2017.
16. Supartz FX. Micromedex Solutions. Truven Health Analytics, Inc. Ann Arbor, MI. Available at: <http://www.micromedexsolutions.com>. Accessed May 17, 2017.
17. McGrath AF, McGrath AM, Jessop ZM, et al. A comparison of intra-articular hyaluronic acid competitors in the treatment of mild to moderate knee osteoarthritis. *J Arthritis*. 2013; 2(1):108. doi:10.4172/2167-7921.1000108.
18. Leighton R, Åkermark C, Therrien R, et. al. NASHA hyaluronic acid vs methylprednisolone for knee osteoarthritis: a prospective, multi-centre, randomized, non-inferiority trial. *Osteoarthritis Cartilage*. 2014; 22(1):17-25.



Effective date: 05/17/2017

Revised date: 05/17/2017