



"My experience—as both benefits director and Regenexx provider patient—has convinced me that the Regenexx benefit should be an option for all self-funded employers.

I found that school district employees who became patients who opted for the Regenexx approach recovered faster, missed less time from work, and generally had better outcomes than with surgery."

—Jeanne Thrower Aguilar
Former Director of Benefits
Boulder Valley School District
Boulder, CO

Schools and MSK

Musculoskeletal (MSK) issues are some of the most **widespread and expensive job hazards** for employees. Educators are no exception¹:

- An estimated **4 out of 5 teachers have an MSK issue**^{2,3}
- Different types of teachers may experience MSK issues in **different body areas** (for example, PE teachers tend to have back and knee pain)⁴
- Educator MSK issues and related absenteeism **directly affect students and school districts**
- **Substitute teacher shortages** make it more important than ever to find MSK solutions⁵

The Regenexx Corporate Program for Schools: Innovation + Impact

Given how widespread MSK issues are for educators, it's important for school districts to **address MSK care head-on**. Procedures using Regenexx injectates provide an **innovative non-surgical MSK injury treatment option** to do just that.

An Innovative Option

The Regenexx protocol:

- Uses precise injections of the **patient's own cells**
- Typically leads to **shorter recovery times** compared to surgery⁶
- Can **reduce the need for up to 70% of elective surgeries**⁶

Regenexx Corporate Program Impact on Schools⁶

Total cost savings:
~\$2MM

% cost savings:
70%

Cost to add the Regenexx benefit:
\$0

Note: Data provided in aggregate.

Learn More

This testimonial reflects the real-life experience of this patient with the Regenexx protocol but is not necessarily typical of what you or any other patient might experience. Individual results of the procedures using Regenexx lab processes will vary depending on a number of factors, including your diagnosis, the severity of your condition, your overall health, and others. To better understand what large numbers of patients experience on average, please visit <https://regenexx.com/results/>, and inquire with a physician within the licensed Regenexx network near you.

Like all medical procedures, procedures using Regenexx lab processes have a success and failure rate. Industry professional reviews and testimonials reflect the experience of that entity with the Regenexx Corporate Program. To discuss what a partnership with Regenexx could look like for your company or client, [contact our team](#).

References

1. Erick PN, Smith DR. A systematic review of musculoskeletal disorders among school teachers. *BMC Musculoskelet Disord*. 2011;12:260. Published 2011 Nov 17.
2. Solis-Soto MT, Schön A, Solis-Soto A, Parra M, Radon K. Prevalence of musculoskeletal disorders among school teachers from urban and rural areas in Chuquisaca, Bolivia: a cross-sectional study. *BMC Musculoskelet Disord*. 2017;18(1):425. Published 2017 Oct 27.
3. Ng YM, Voo P, Maakip I. Psychosocial factors, depression, and musculoskeletal disorders among teachers. *BMC Public Health*. 2019;19(1):234. Published 2019 Feb 26.
4. Goossens L, Vercruyssen S, Cardon G, Haerens L, Witvrouw E, De Clercq D. Musculoskeletal injuries in physical education versus non-physical education teachers: a prospective study. *J Sports Sci*. 2016;34(12):1107-1115.
5. Nguyen TD, Lam CB, Bruno P. Is There a National Teacher Shortage? A Systematic Examination of Reports of Teacher Shortages in the United States. <https://edworkingpapers.com/sites/default/files/ai22-631.pdf>. Published August 2022. Accessed July 11, 2024.
6. Regenexx data on file.

Cost savings estimates: Physicians within the licensed Regenexx network indicate the surgical procedure for which Regenexx provider patients are a candidate. The Regenexx Corporate Program then measures the actual cost of the procedure using Regenexx lab processes against the cost of the surgical alternative. While the Regenexx Corporate Program does post service reviews and assess a percentage of Regenexx provider patients, not all these cases have been verified by a third party. Fair cost estimates based on Denver, CO ZIP code. In some cases, a generic "arthroscopy" cost estimate had to be used when a detailed condition-specific estimate was unavailable.

Long-term outcomes and cost savings: Conversion to total knee arthroplasty (TKA). In our knee OA RCT, 12% of patients decided to get TKA despite treatment at 2 years. In an analysis of the Regenexx Provider Patient Registry (100 patients, 100 charts reviewed, and 100% response rate), 14.8% of patients converted to TKA at 1-2 years when patients were TKA candidates. Failure rates from rotator cuff tear at 2 years were 10%, which are similar to the Regenexx Provider Patient Registry data. The failure rate of rotator cuff repair for full thickness tears is higher, quoted as approximately 20%. We assumed that patients treated with Perc-RC Repair using Regenexx injectates who were unhappy with their results would convert to a surgical repair at a rate of 10%. Since all procedures using Regenexx lab processes have a failure rate, the Regenexx Corporate Program can provide detailed cost savings models for a number of common procedures using Regenexx lab processes performed. For more information about Regenexx approach outcomes, review the [Regenexx Provider Patient Registry](#), or [Regenexx published research](#).

Cost avoidance estimates for individual groups are not reflective of the potential cost avoidance estimates for another group. Any estimate of cost avoidance for a group is specific to their employee population. To understand how your company's surgical experience may relate to Regenexx, you can [request a Regenexx Corporate Program Impact Study](#).

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