



Rotator Cuff Tears At a Glance¹

- ✓ Rotator cuff tears occur in **20% of people**.²
- ✓ Surgical rotator cuff repair (RCR) is **highly used** and **high cost**.^{3,4}
- ✓ Additional surgical RCR downsides:
 - **No clear efficacy evidence** compared with conservative treatment^{5-7,a}
 - **Lost productivity** due to time off (~6.5 months to return to work)⁸
 - Procedure- and drug-related **health risks**

Regenexx SD injectates provide a **non-surgical option** using injections of the patient's own stem cells from bone marrow concentrate (BMC).

^aAlong parameters of improving function, decreasing disability, or reducing re-tearing.

^bQALY = Cost-effectiveness analysis metric rating how well different types of medical treatments extend and/or improve patients' lives.

^cSimulated with a decision-analytical model.

^dTotal costs of Regenexx approach = direct costs of procedure using Regenexx injectates, braces, primary care physician, specialist visits, and post-procedure physical therapy.

^eTotal costs of RCR = direct costs of surgery, hospitalization, and rehabilitation.

References

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THINC Cost-Effectiveness Report: The Regenexx Approach vs. Surgery for Rotator Cuff Tears

**THINC.
HEALTHCARE**

A healthcare innovation research institute that conducted the **first health technology assessment of its kind** evaluating cost-effectiveness and quality of life (QoL)^b

THINC Report Features



Compared cost-effectiveness

of injections that utilized BMC, which contains stem cells, with surgical RCR for rotator cuff tears in working-age adults



Calculated cost and QoL outcomes

for Regenexx approach and rotator cuff tear surgery^{b,d,e}



Analyzed data

from Regenexx approach clinical trials as well as surgical RCR cost-effectiveness analyses and clinical trials

THINC Report Key Findings

Compared with surgical RCR, procedures using Regenexx injectates demonstrated:

>\$15,000
cost savings
at 2 years

Minimal
impact
on QoL

60% lower
total healthcare
costs

THINC Report Conclusion:

The Regenexx approach offers a **significantly cost-effective option** for rotator cuff tear treatment.

Learn More

The THINC report calculated direct costs only in its analysis.

Physicians in the licensed Regenexx network sometimes use injections of the patient's platelet-rich plasma rather than injections of the patient's BMC, which contains stem cells, to treat rotator cuff tears when appropriate. The THINC report focused on BMC.