

Return on Investment (ROI) Analysis for KyphoLift & KyphoWedge

Executive Summary:

MRI facilities lose over \$100,000 per scanner annually due to patient motion-related re-scans. KyphoLift & KyphoWedge provide a simple yet highly effective solution to recover this lost revenue while improving efficiency and patient care.

KyphoLift & KyphoWedge are designed to optimize MRI workflow, enhance patient positioning, and reduce staff injuries, leading to faster scans, increased throughput, and significant cost savings. With a break-even period as short as 3 to 47 days and ROI of up to 90.4x, these solutions deliver immediate and long-term financial benefits for imaging centers. Additionally, KyphoLift's reproducibility matrix improves precision in radiation therapy and brachytherapy, ensuring consistent patient positioning and enhancing treatment accuracy.

Investment Costs • KyphoLift: \$6,250 • KyphoWedge: \$928 • Total Investment: \$7,178

Key Cost-Saving Benefits

1. **Improved Scan Quality & Reduced Re-Scans** • Challenge: Improper positioning leads to motion artifacts, requiring repeat scans. • MRI Re-Scan Rate: 5-10% Estimated Cost per Re-Scan: \$400 - \$1,200 per patient. • Potential Savings: Reducing re-scans by 50% could free up additional scan slots and reduce wasted MRI resources. • Financial Impact: Implementing KyphoLift could recover up to \$50,000 per scanner annually by reducing motion-related re-scans. • Studies indicate that repeat MRI scans due to patient motion can result in over \$100,000 in lost revenue per scanner annually.
2. **Increased Efficiency & Patient Throughput** • Challenge: Patients with kyphosis, obesity, or mobility impairments require extra positioning time, delaying scans. • Estimated Time Savings per Scan: 5 to 45 minutes • Additional Patients Scanned Daily: 1 to 3 • Annual Savings from Time Efficiency: \$22,100 - \$596,700
3. **Reduction in Staff Injuries, Compliance & Risk Reduction** • Challenge: Manual lifting contributes to MRI technologist injuries and violates no-lift policies. • Compliance: KyphoLift helps imaging centers adhere to OSHA and safe workplace policies, reducing legal liability and workplace injury claims. • 50% of radiographers report work-related back pain. • Average workers' compensation claims per injury: \$15,860. • Annual Savings from Injury Reduction: \$17,842 - \$59,475

Break-Even Analysis KyphoLift & KyphoWedge pay for themselves within 3 to 47 days, delivering one of the fastest ROIs in medical imaging.

The table below summarizes the key financial impacts of KyphoLift & KyphoWedge implementation:

Metric	Value
Total Investment Cost	\$7,178
Break-even Period	3 - 47 days
Annual Savings	\$39,942 - \$656,175
ROI (Min - Max)	4.56x - 90.41x

KyphoLift's standardized positioning ensures precise, reproducible alignment across multiple imaging modalities, leading to: Enhanced treatment accuracy • Improved patient comfort • More consistent dose distribution • Reduced staff burnout and injury • Optimized efficiency

Conclusion:

With rapid ROI, compliance benefits, and significant cost savings, KyphoLift & KyphoWedge are the optimal solutions for improving MRI workflow efficiency and patient care.

Regulatory Compliance for Patients with Limited Mobility

OSHA: KyphoLift supports no-lift policies, reducing staff injury risks and aligning with ergonomic safety guidelines.

ACR: Ensures consistent patient positioning for high-quality imaging, minimizing motion artifacts and radiation dose variability.

ADA: Facilitates equal access to MRI services for mobility-impaired patients, serving as a reasonable accommodation under ADA requirements.

KyphoLift & KyphoWedge improve efficiency, enhance safety, and reduce operational costs while complying with ADA accessibility requirements. The financial and clinical benefits make them an essential investment for imaging centers.

Take Action Today Don't let inefficiencies and lost revenue hold your imaging center back. Contact us today and discover how KyphoLift & KyphoWedge can optimize your workflow, improve patient experience and safety maximize profitability: info@kypholift.com