



CASE STUDY

Elevating Athlete Recovery and Performance at Barwis

Visium Far-UVC delivers measurable microbial reductions in high-use therapy spaces

OVERVIEW

Barwis stands at the apex of strength and conditioning, kinesiology, physical therapy, neurophysiology, and athletic training. Their Deerfield Beach, FL facility integrates state-of-the-art rehabilitation with world-class performance training, delivering a comprehensive, one-on-one care model where athletes, patients, and individuals at all functional levels receive specialized support to achieve their goals.

Barwis Physical Therapy clinics are embedded within these performance centers, where Doctors of Physical Therapy work in concert with coaches, chiropractors, massage therapists, nutritionists, and mental performance specialists. This integrated approach restores mobility, reduces pain, maximizes strength, and ultimately helps clients return to optimal health and independence.





THE CHALLENGE

Barwis facilities are dynamic environments where physical therapy, rehabilitation, and elite performance training intersect. At the Deerfield Beach center alone, the physical therapy room welcomes about 80 clients daily while the neuro room supports approximately 25 patients per day. These high-traffic environments see constant client turnover and shared equipment. Even with rigorous cleaning protocols, gaps exist between sessions where airborne pathogens and surface microbes can accumulate. For Barwis, the challenge was not only supporting safer recovery environments for clients but also helping keep staff healthier and reducing the risk of workplace transmission that could lead to sick-day callouts.

OUR SOLUTION

Visium Far-UVC

To strengthen their Infection-Prevention Plans and infrastructure, Barwis installed eight Visium Far-UVC fixtures across two critical areas of their Deerfield Beach center, covering 1.636 sqft. Visium Far-UVC operates continuously from the ceiling, inactivating airborne pathogens and reducing microbial load on surfaces in real time, without chemicals, downtime, or risk to people.

KEY FEATURES



Continuous 24/7 air and surface sanitization



Far-UVC technology proven to reduce airborne pathogens



Discreet and silent operation for a patient-centered environment



Visium app bridges IoT connectivity for real-time monitoring via mobile devices



Independent Results

Samples from the Neuro room and Physical Therapy room were sent for analysis to U.S. Micro Solutions, an environmental microbiology lab. Samples compared surfaces before and after activating Visium Far-UVC in the rooms. The analysis revealed:

Neuro Room

- ✓ 92% overall average reduction in CFUs
- ✓ 98% reduction on floors (highest recorded)

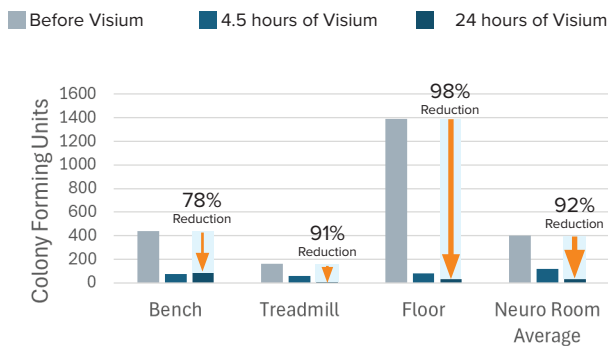
PT Room

- ✓ 78% overall average reduction in CFUs
- ✓ 95% reduction on the high-touch exam table



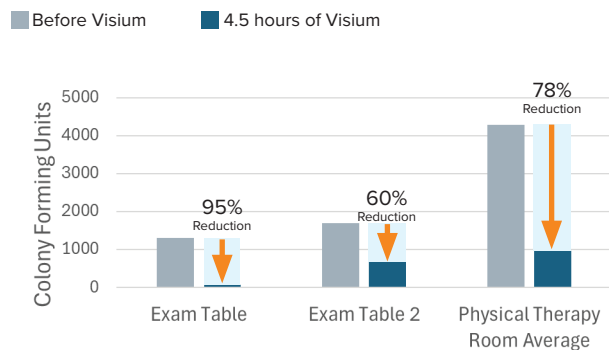
Neuro Room

Change in Surface Bacteria Counts With Visium Use



Physical Therapy Room

Change in Surface Bacteria Counts With Visium Use



“At Barwis, our mission is to provide world-class rehabilitation and performance training in a safe, supportive environment. Adding Visium to our Deerfield Beach center ensures we are not only helping clients recover and perform at their best, but also reducing microbial buildup in spaces that serve dozens of clients each day.”

Brian Casey, COO

Barwis Performance Centers
Barwis Physical Therapy

Conclusion

The installation of Visium Far-UVC at Barwis demonstrates how continuous, evidence-based sanitization strengthens patient care, staff well-being, and elite performance. With measurable reductions in microbial load, Barwis ensures its therapy and training environments align with its mission of world-class rehabilitation. By addressing the needs of clients and staff alike, Barwis sets a new benchmark for facilities that integrate innovation, safety, and elite performance into a single standard of excellence.