

MEDICAL EQUIPMENT**ROTARY THERAPY MACHINE****HepcoMotion® Rotary Solution for Piezoelectric Therapy.**

A compact piezoelectric therapy machine crushes kidney and gall stones using piezoelectric shockwave treatment. The original two segment aluminum guide was leaving deposits, causing inaccuracies. This guide also had issues handling the manually-moved, 20kg therapy head, especially at the upper 55° position.

CHALLENGE

Design and implement a system that would enable the 20kg therapy head to be manually moved in a circular motion no matter the angle and reduce friction.

SOLUTION

A stainless steel Hepco PRT ring segment with vee bearing technology provided the strength needed to carry the therapy head with low friction for easy movement.

Durable, low-friction ring system that enabled the operator to hit the exact location of the kidney or gall stone without affecting the surrounding tissue.



SMOOTH MOTION



PRECISION



ROTARY



HIGH LOAD CAPACITY