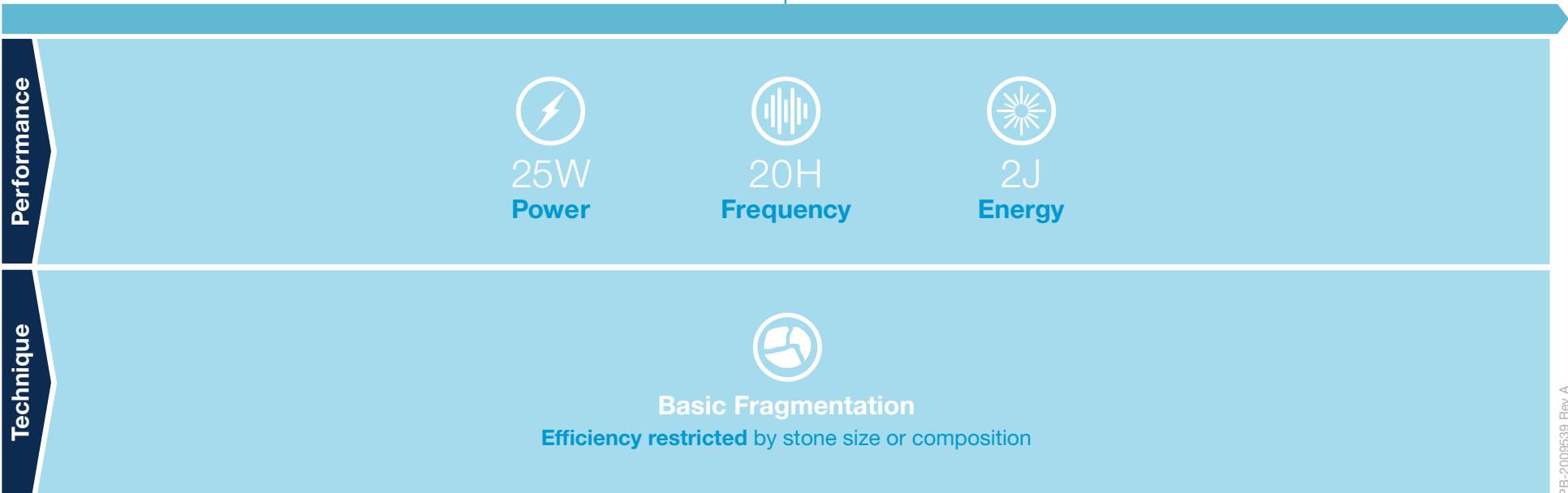
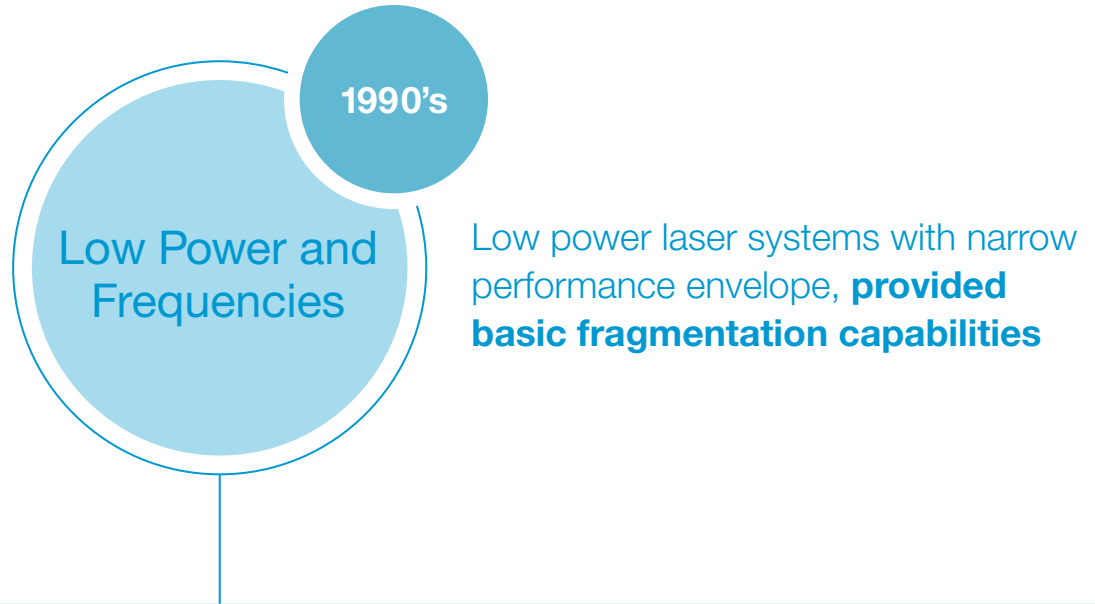
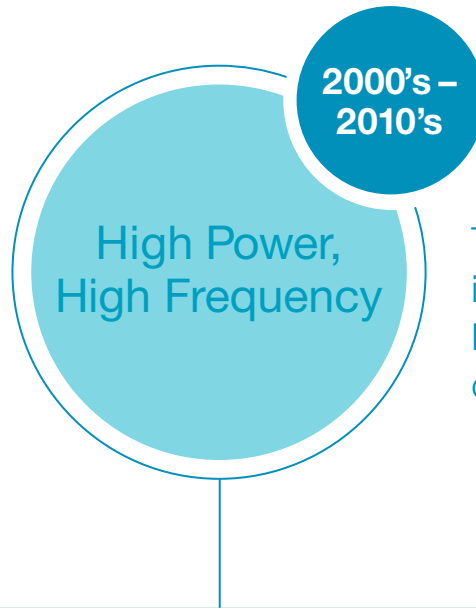

The Evolution of Holmium Laser Lithotripsy

From low power systems, to clinical breakthroughs

The 1st Generation of Holmium Lasers



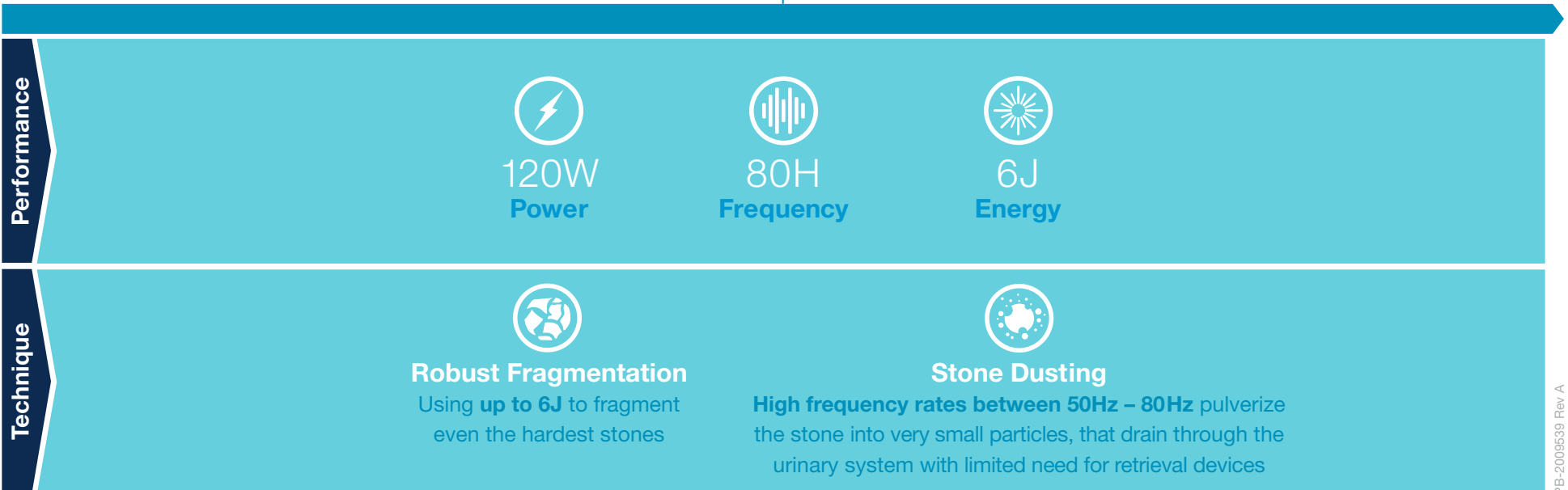
The Second Wave of Innovation



2000's –
2010's

High Power,
High Frequency

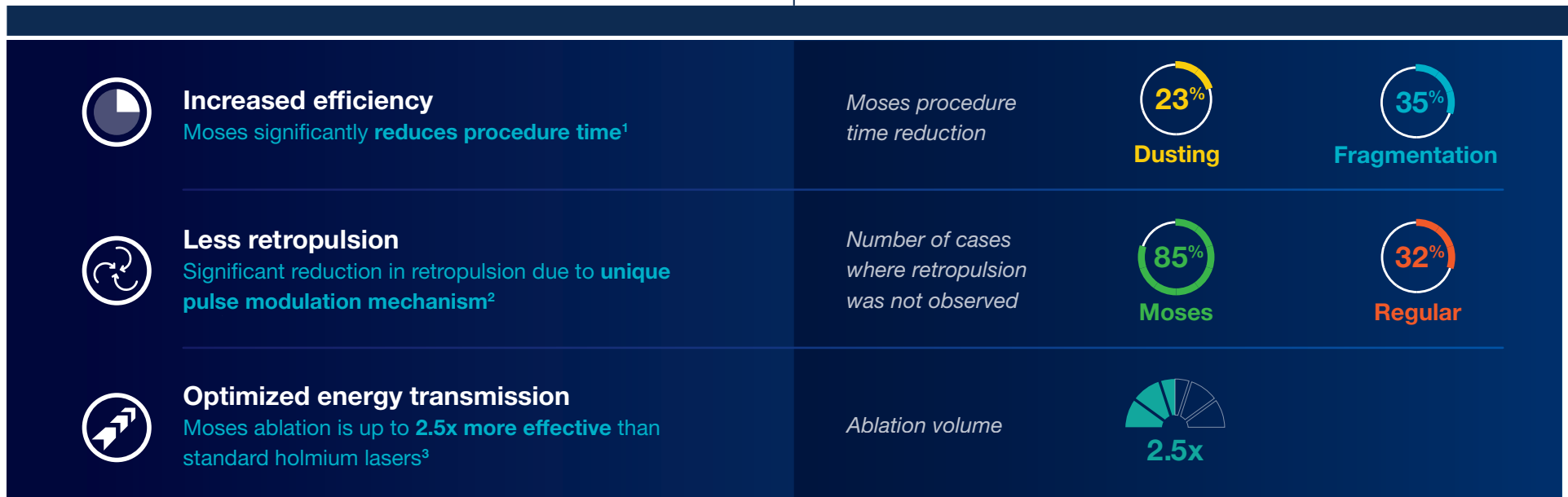
Technological advancements resulted in the **introduction of powerful Holmium lasers**, broadening conventional treatment capabilities



The Future of Holmium Laser Lithotripsy



The advent of the Moses Technology's **unique pulse delivery**, has created a major breakthrough in the world of urinary stones treatment, exceeding the boundaries of traditional laser lithotripsy



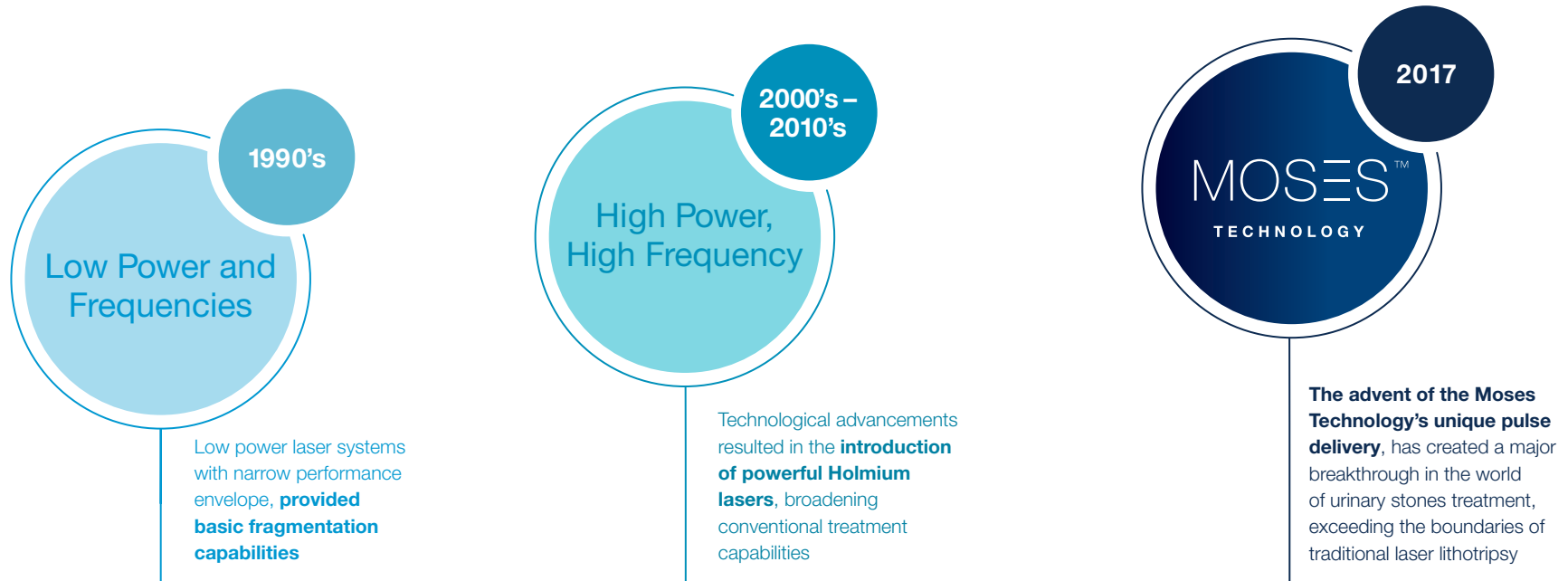
1. Moses Technology from Stone Simulator to Early Clinical Experience – Elhilali et al. (WCE 2017)

2. Evaluation of the New Moses technology of Holmium laser lithotripsy: Initial clinical experience Elhilali et al. (EAU 2017)

3. Use of the Moses Technology to Improve Holmium Laser Lithotripsy Outcomes: A Preclinical Study Elhilali et al. (Journal of Endourology, June 2017)

Bench test results may not necessarily be indicative of clinical performance

The Evolution of Holmium Laser Lithotripsy



| | | | |
|--------------------|-----------------------------------------|-----------------------------------------------------|---------------------------------------------------------------------------------------------------------|
| Performance | 25W Power 20H Frequency 2J Energy | 120W Power 80H Frequency 6J Energy | Increased efficiency Less retropulsion Optimized energy transmission |
| | Basic Fragmentation | Robust Fragmentation Stone Dusting | |

The use of the Moses technology, the Moses fibers and the Lumenis Pulse 120H in urology is contraindicated for patients who are unable to receive endoscopic treatments or are intolerant to prolonged anesthesia, as well as for resection or excision of large vascularized organs. Holmium lasers are intended solely for use by physicians trained in the use of the Ho:YAG (2.1 μm) wavelength. Incorrect treatment settings can cause serious tissue damage. The laser should be used only on tissues that are fully observable. See the system user manual for a complete list of contraindications and risks.