

Double-blinded Prospective Randomized Clinical Trial Comparing MOSES™ and Regular Modes of Holmium Laser Lithotripsy

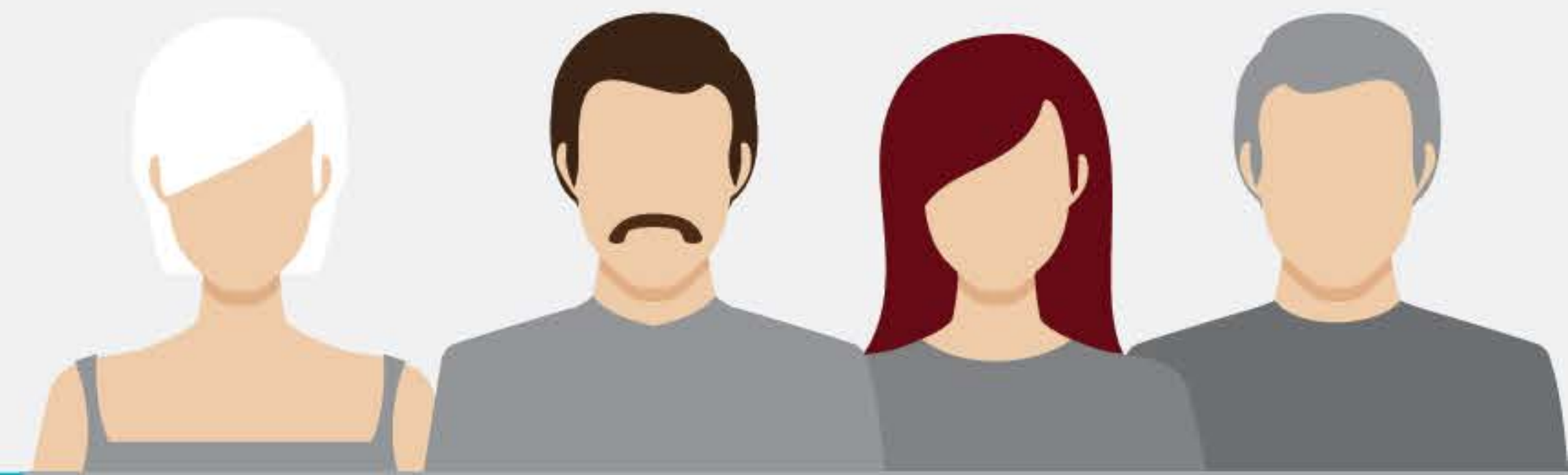
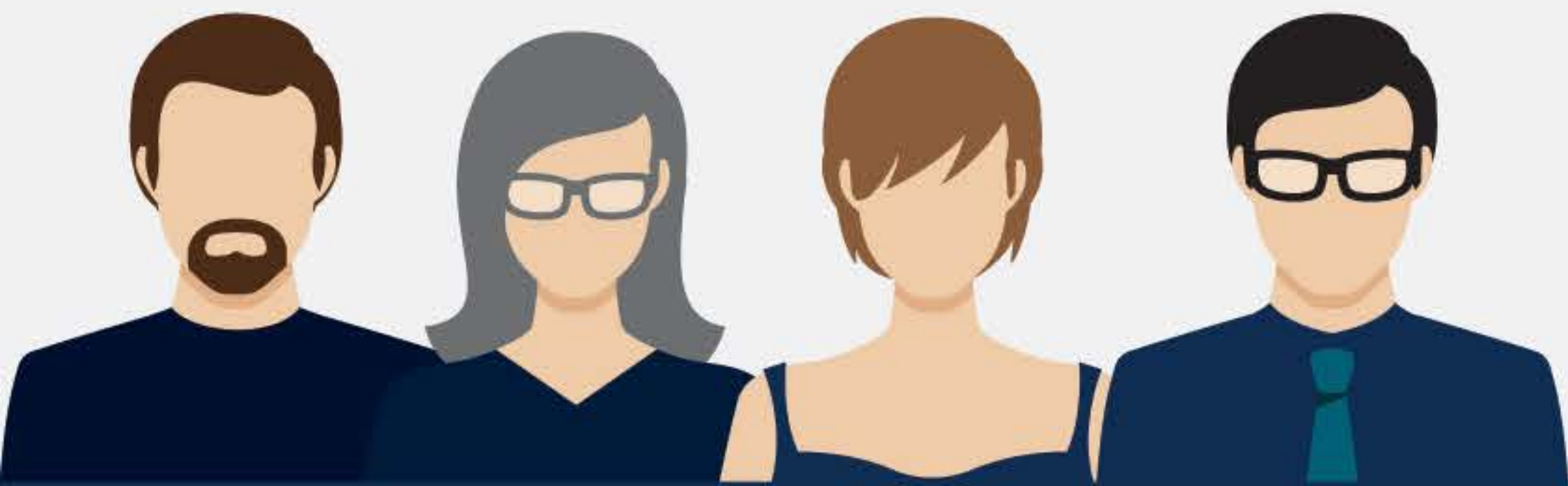
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72 Patients were randomly assigned for either Regular or MOSES Lithotripsy.

36 MOSES™
TECHNOLOGY

Stone size ~ 1.4 - 1.7cm

36 Regular



41.1
minutes



Procedure
Time

50.9
minutes

20% less

14.2
minutes



Fragmentation
Time

21.1
minutes

33% less

Grade 0.5
on a scale of 0-3



Retropulsion

Grade 1
on a scale of 0-3

50% less

MOSES technology is associated with significantly lower fragmentation and procedural times

Success rate at 3 months follow-up is 88.4% vs. 83.3% (P > 0.05)

Warnings and Risk

The use of the MOSES Technology 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.

