

Holmium Laser Lithotripsy

MOSES Lithotripsy Published Articles

- [1. A Users Guide to Holmium Laser Lithotripsy Settings in the Modern Era](#)**
Black KM, Aldoukhi AH, Ghani KR
Front. Surg., 14 August 2019 | <https://doi.org/10.3389/fsurg.2019.00048>
- [2. Will Stone Density Stop Being a Key Factor in Endourology? The Impact of Stone Density on Laser Time Using Lumenis Laser p120w and Standard 20 W Laser: A Comparative Study](#)**
Mekayten M, Lorber A, Katafigiotis I, Sfoungaristos S, Leotsakos I, Heifetz EM, Yutkin V, Gofrit ON, Duvdevani M
J Endourol. 2019 Jul;33(7):585-589. doi: 10.1089/end.2019.0181. Epub 2019 Jun 28
- [3. Watch Your Distance: The Role of Laser Fiber Working Distance on Fragmentation When Altering Pulse Width or Modulation](#)**
Aldoukhi AH, Roberts WW, Hall TL, Ghani KR.
J Endourol. 2019 Feb;33(2):120-126. doi: 10.1089/end.2018.0572.
- [4. Dusting Efficiency of the Moses Holmium Laser: An Automated In Vitro Assessment](#)**
Winship B, Wollin D, Carlos E, Li J, Peters C, Simmons WN, Preminger GM, Lipkin M.
J Endourol. 2018 Nov 16. doi: 10.1089/end.2018.0660.
- [5. Ambulatory Tubeless Mini-Percutaneous Nephrolithotomy Using Moses Technology and Dusting Technique](#)**
Aldoukhi AH, Black KM, Shields J, Ghani KR.
Urology. 2018 Nov 15. pii: S0090-4295(18)31198-1. doi: 10.1016/j.urology.2018.11.007.
- [6. Moses technology in a stone simulator](#)**
Ibrahim A, Badaan S, Elhilali MM, Andonian S
Can Urol Assoc J. 2018 Apr; 12(4): 127–130
- [7. Initial Clinical Experience with a Modulated Holmium Laser Pulse-Moses Technology: Does It Enhance Laser Lithotripsy Efficacy?](#)**
Mullerad M, Aguinaga JRA, Aro T, Kastin A, Goldin O, Kravtsov A, Assadi A, Badaan S, Amiel GE.
Rambam Maimonides Med J. 2017 Oct 16;8(4). doi: 10.5041/RMMJ.10315.
- [8. Use of the Moses Technology to Improve Holmium Laser Lithotripsy Outcomes: A Preclinical Study](#)**
Elhilali MM, Badaan S, Ibrahim A, Andonian S.
J Endourol. 2017 Jun;31(6):598-604. doi: 10.1089/end.2017.0050. Epub 2017 Apr 25.

Lithotripsy Published Articles

- [1. Understanding the Popcorn Effect During Holmium Laser Lithotripsy for Dusting](#)**
Aldoukhi AH, Roberts WW, Hall TL, Teichman JMH, Ghani KR.
Urology. 2018 Dec;122:52-57. doi: 10.1016/j.urology.2018.08.031. Epub 2018 Sep 5.
- [2. Toward Respiratory-Gated Retrograde Intrarenal Surgery: A Prospective Controlled Randomized Study](#)**
Kourmpetis V, Dekalo S, Levy N, Nir T, Bar-Yosef Y, Beri A, Yossepowitch O, Sofer M.
J Endourol. 2018 Sep 12;32(9):812-817. doi: 10.1089/end.2018.0231. Epub 2018 Jun 21.
- [3. Understanding the Popcorn Effect During Holmium Laser Lithotripsy for Dusting](#)**
Aldoukhi AH, Roberts WW, Hall TL, Teichman JMH, Ghani KR.
Urology. 2018 Dec;122:52-57. doi: 10.1016/j.urology.2018.08.031. Epub 2018 Sep 5.
- [4. Toward Respiratory-Gated Retrograde Intrarenal Surgery: A Prospective Controlled Randomized Study](#)**
Kourmpetis V, Dekalo S, Levy N, Nir T, Bar-Yosef Y, Beri A, Yossepowitch O, Sofer M.
J Endourol. 2018 Sep 12;32(9):812-817. doi: 10.1089/end.2018.0231. Epub 2018 Jun 21.
- [5. An in vitro evaluation of laser settings and location in the efficiency of the popcorn effect](#)**
Wollin DA, Tom WR, Jiang R, Simmons WN, Preminger GM, Lipkin ME.
Urolithiasis. 2018 Jun 15. doi: 10.1007/s00240-018-1066-6.
- [6. Ureteroscopic High-Frequency Dusting Utilizing a 120-W Holmium Laser](#)**
Tracey J, Gagrin G, Morhardt D, Hollingsworth J, Ghani KR.
J Endourol. 2018 Apr;32(4):290-295. doi: 10.1089/end.2017.0220. Epub 2018 Jan 17.
- [7. Ureteroscopic Laser Lithotripsy: A Review of Dusting vs Fragmentation with Extraction](#)**
Matlaga BR, Chew B, Eisner B, Humphreys M, Knudsen B, Krambeck A, Lange D, Lipkin M, Miller NL, Monga M, Pais V, Sur RL, Shah O.
J Endourol. 2018 Jan;32(1):1-6. doi: 10.1089/end.2017.0641. Epub 2017 Nov 27.
- [8. Advances in laser technology and fibre-optic delivery systems in lithotripsy](#)**
Nathaniel M. Fried, Pierce B. Irby
Nature Reviews Urology volume 15, pages563–573 (2018)
- [9. Thermal Response to High-Power Holmium Laser Lithotripsy](#)**
Aldoukhi AH, Ghani KR, Hall TL, Roberts WW.
J Endourol. 2017 Dec;31(12):1308-1312. doi: 10.1089/end.2017.0679. Epub 2017 Nov 17.
- [10. In Vitro Comparison of Stone Fragmentation When Using Various Settings with Modern Variable Pulse Holmium Lasers](#)**
Bell JR, Penniston KL, Nakada SY
J Endourol. 2017 Oct;31(10):1067-1072. doi: 10.1089/end.2017.0351. Epub 2017 Aug 23.
- [11. Holmium Laser Lithotripsy in the New Stone Age: Dust or Bust?](#)**
Aldoukhi AH, Roberts WW, Hall TL, Ghani KR.
Front Surg.
2017 Sep 29;4:57. doi: 10.3389/fsurg.2017.00057. eCollection 2017.
- [12. A Usability Comparison of Laser Suction Handpieces for Percutaneous Nephrolithotomy](#)**
Dauw CA, Borofsky MS, York N, Lingeman JE.
J Endourol. 2016 Nov;30(11):1165-1168.