

UroLift® System Selected Bibliography

Guidelines

1. Parsons JK, Dahm P, Köhler TS et al: Surgical management of lower urinary tract symptoms attributed to benign prostatic hyperplasia: AUA Guideline amendment 2020. *J Urol* 2020; 204: 799.
 - a. Link to guidelines: [https://www.auanet.org/guidelines/guidelines/benign-prostatic-hyperplasia-\(bph\)-guideline](https://www.auanet.org/guidelines/guidelines/benign-prostatic-hyperplasia-(bph)-guideline)
 - b. Link to 2020 amendment: <https://www.auanet.org/documents/Guidelines/PDF/BPH-Amendment-2020.pdf>
2. European Association of Urology (EAU) guidelines on management of non-neurogenic male lower urinary tract symptoms (LUTS), including benign prostatic obstruction (BPO).
 - a. Link to guidelines: <https://uroweb.org/guideline/treatment-of-non-neurogenic-male-luts/>
3. Surgical and interventional management of benign prostatic obstruction: Guidelines from the Committee for Male Voiding Disorders of the French Urology Association. *Prog Urol* 2021; 31(5): 249-265.
 - a. Link to abstract: <https://pubmed.ncbi.nlm.nih.gov/33478868/>
4. NICE Medical Technologies Guidance (MTG58). UroLift for treating lower urinary tract symptoms of benign prostatic hyperplasia. 2021.
 - a. Link to guidance: <https://www.nice.org.uk/guidance/MTG58>
5. NICE Interventional Procedure Guidance (IPG475). Insertion of prostatic urethral lift implants to treat lower urinary tract symptoms secondary to benign prostatic hyperplasia. 2014.
 - a. Link to guidance: <https://www.nice.org.uk/guidance/ipg475>

Meta-Analyses

1. Tanneru K, Gautam S, Norez D, et al. Meta-analysis and systematic review of intermediate-term follow-up of prostatic urethral lift for benign prostatic hyperplasia. *Int Urol Nephrol*. 2020; 52(6): 999-1008.
 - a. Link to abstract: <https://pubmed.ncbi.nlm.nih.gov/32065331/>
2. Jing J, Wu Y, Du M, et al. Urethral Lift as a Safe and Effective Procedure for Prostatic Hyplasia Population: A Systematic Review and Meta-Analysis. *Front Surg*. 2020; 8(7): 598728.
 - a. Link to article: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7793831/pdf/fsurg-07-598728.pdf>
3. Perera M, Roberts MJ, Suhail ARD, Bolton D. Prostatic urethral lift improves urinary symptoms and flow while preserving sexual function for men with benign prostatic hyperplasia: a systematic review and meta-analysis. *Eur Urol*. 2015; 67; 704-713. Addendum *Eur Urol* 2015; 68; E53-E54.
 - a. Link to abstract: <https://pubmed.ncbi.nlm.nih.gov/25466940/>

Randomized, Controlled Studies

1. L.I.F.T. Study
 - a. Roehrborn CG, Barkin J, Gange SN, et al. Five year results of the prospective randomized controlled prostatic urethral L.I.F.T. study. *Can J Urol*. 2017; 24(3): 8802-8813.
 - i. Link to article: https://www.canjurol.com/html/freearticles/V24I3_08_FREE_DrRoehrborn.pdf
 - b. Roehrborn CG. Prostatic Urethral Lift A Unique Minimally Invasive Surgical Treatment of Male Lower Urinary Tract Symptoms Secondary to Benign Prostatic Hyperplasia. *Urol Clin N Am*. 2016. 43:357-369.
 - i. Link to abstract: <https://pubmed.ncbi.nlm.nih.gov/27476128/>
 - c. Roehrborn CG, Rukstalis DB, Barkin J, et al. Three year results of the prostatic urethral L.I.F.T. study. *Can J Urol*. 2015; 22(3): 7772-82.
 - i. Link to article: https://www.canjurol.com/html/free-articles/V22I3_05_FREE_DrRoehrborn.pdf

- d. Roehrborn CG, Gange SN, Shore ND, et al. Durability of the Prostatic Urethral Lift: 2-Year Results of the L.I.F.T. Study. *Urology Practice*. 2015; 2(1):26-32.
 - i. Link to article: <https://cdn2.hubspot.net/hubfs/2618738/docs/articles/01-Roehrborn-2015-Urology-Practice.pdf?t=1531248612766>
 - e. McVary KT, Gange SN, Shore ND. Treatment of LUTS secondary to BPH while preserving sexual function: randomized controlled study of prostatic urethral lift. *J Sex Med*. 2014; 11(1):279-87.
 - i. Link to abstract: <https://pubmed.ncbi.nlm.nih.gov/24119101/>
 - f. Roehrborn CG, Gange SN, Shore ND, et al. The prostatic urethral lift for the treatment of lower urinary tract symptoms associated with prostate enlargement due to benign prostatic hyperplasia: the L.I.F.T. Study. *J Urol*. 2013; 190(6):2161-7.
 - i. Link to abstract: <https://pubmed.ncbi.nlm.nih.gov/23764081/>
2. BPH6 Study
- a. Gratzke C, Barber N, Speakman MJ. Prostatic urethral lift vs transurethral resection of the prostate: 2-year results of the BPH6 prospective, multicentre, randomized study. *BJU Int*. 2017; 119(5):767-775.
 - i. Link to article: <https://bjui-journals.onlinelibrary.wiley.com/doi/epdf/10.1111/bju.13714>
 - b. Sonksen J, Barber NJ, Speakman MJ, et al. Prospective, randomized, multinational study of prostatic urethral lift versus transurethral resection of the prostate: 12-month results from the BPH6 study. *Eur Urol*. 2015; 68(4):643-52.
 - i. Link to article (then click on Download Article):
<https://www.sciencedirect.com/science/article/pii/S0302283815003267>

Non-Randomized, Comparative Studies

1. Roehrborn CG, Rukstalis DB. Prostatic Urethral Lift Versus Medical Therapy: Examining the Impact on Sexual Function in Men with Benign Prostatic Hyperplasia. *Eur Urol Focus*. 2021; S2405-4569(20) 30315-1.
 - a. Link to article: <https://www.eu-focus.europeanurology.com/action/showPdf?pii=S2405-4569%2820%2930315-1>
2. Tutrone RF, Schiff W. Early patient experience following treatment with the UroLift prostatic urethral lift and Rezum steam injection. *Can J Urol*. 2020; 27(3): 10213-10219.
 - a. Link to article: https://www.canjurol.com/html/free-articles/Cdn_JU27-I3_06.FREE_DrTutrone.pdf

Single-Arm Studies

1. MedLift Study
 - a. Rukstalis D, Grier D, Stroup SP, et al. Prostatic Urethral Lift (PUL) for obstructive median lobes: 12 month results of the MedLift Study. *Prostate Cancer Prostatic Dis*. 2019; 22(3): 411-419.
 - i. Link to article:
https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6760566/pdf/41391_2018_Article_118.pdf
2. Crossover Study
 - a. Rukstalis D, Rashid P, Bogache W, et al. 24-month durability after crossover to the prostatic urethral lift from randomised, blinded sham. *BJU Int*. 2016; 118(Suppl 3): 14-22.
 - i. Link to article: <https://bjui-journals.onlinelibrary.wiley.com/doi/epdf/10.1111/bju.13666>
 - b. Cantwell AL, Bogache WK, Richardson SF, et al. Multicentre prospective crossover study of the 'prostatic urethral lift' for the treatment of lower urinary tract symptoms secondary to benign prostatic hyperplasia. *BJU Int*. 2014; 113(4):615-22.
 - i. Link to abstract: <https://pubmed.ncbi.nlm.nih.gov/24765680/>

3. LOCAL Study
 - a. Shore N, Freedman S, Gange S, et al. Prospective multi-center study elucidating patient experience after prostatic urethral lift. *Can J Urol*. 2014; 21(1): 7094-101.*
 - i. Link to article: https://www.canjurol.com/html/freearticles/2014/V21I1_03_FREE_DrShore.pdf
4. First-in-Human Study
 - a. Chin PT, Bolton DM, Jack G, et al. Prostatic urethral lift: Two-year results after treatment for lower urinary tract symptoms secondary to benign prostatic hyperplasia. *Urology*. 2012; 79(1): 5-11.*
 - i. Link to abstract: <https://pubmed.ncbi.nlm.nih.gov/22202539/>
 - b. Woo HH, Bolton DM, Laborde E. Preservation of sexual function with the prostatic urethral lift: a novel treatment for lower urinary tract symptoms secondary to benign prostatic hyperplasia. *J Sex Med*. 2012; 9(2):568-75.
 - i. Link to abstract: <https://pubmed.ncbi.nlm.nih.gov/22172161/>
 - c. Woo HH, Chin PT, McNicholas TA. Safety and feasibility of the prostatic urethral lift: a novel, minimally invasive treatment for lower urinary tract symptoms (LUTS) secondary to benign prostatic hyperplasia (BPH). *BJU Int*. 2011; 108(1): 82-8.
 - i. Link to abstract: <https://pubmed.ncbi.nlm.nih.gov/21554526/>
5. Turkey Initial Study
 - a. Bozkurt A, Karabakan M, Keskin E, Hirik E, Can Balci MB, Nuhoglu B. Prostatic Urethral Lift: A New Minimally Invasive Treatment for Lower Urinary Tract Symptoms Secondary to Benign Prostatic Hyperplasia. *Urol Int*. 2016; 96(2): 202-206.
 - i. Link to abstract: <https://pubmed.ncbi.nlm.nih.gov/26613256/>
 - b. Akin Y, Bozkurt A, Keles MO, Gulmez H, Sahin M, Nuhoglu B. A Novel Minimally Invasive Treatment Option for Benign Prostat Hyperplasia: Intraprostatic UroLift®, The First Case Series of Turkey with Short Term Follow-up. *JAREM*. 2013; 3: 74-8.
 - i. Link to article: <https://www.readcube.com/articles/10.5152%2Fjarem.2013.19>
6. France Initial Study
 - a. Beurrier S, Peyromaure M, Belas O, Delongchamps NB. Are the UroLift® implants an alternative for the treatment of benign prostatic hyperplasia? Short-term results and predictive factors of failure. *Prog Urol*. 2015; 25: 523-529.
 - i. Link to abstract: <https://pubmed.ncbi.nlm.nih.gov/25934591/>
 - b. Delongchamps NB, Conquy S, Zerbib M, Peyromaure M. Intra-prostatic UroLift® implants for benign prostatic hyperplasia: preliminary results of the four first cases performed in France. *Prog Urol*. 2012; 22(10): 590-7.
 - i. Link to abstract: <https://pubmed.ncbi.nlm.nih.gov/22920338/>
7. Spain Initial Study
 - a. Garrido Abad P, Coloma Del Peso A, Sinues Ojas B, Fernandez Arjona M. Urolift®, a new minimally invasive treatment for patients with low urinary tract symptoms secondary to BPH. Preliminary results. *Arch Esp Urol*. 2013; 66(96): 584-91.
 - i. Link to abstract: <https://pubmed.ncbi.nlm.nih.gov/23985459/>
8. Large, Retrospective Real-World Studies
 - a. Rabinowitz MJ, Alam R, Liu JL, et al. Prostatic Urethral Lift in Patients With Obstructive Median Lobes: A Single Surgeon Experience at an Academic Center. *Urology*. 2021; S0090-4295(21): 00088.
 - i. Link to abstract: <https://pubmed.ncbi.nlm.nih.gov/33493510/>

- b. Eure G, Gange S, Walter P, et al. Real-World Evidence of Prostatic Urethral Lift Confirms Pivotal Clinical Study Results: 2-Year Outcomes of a Retrospective Multicenter Study. *J Endourol.* 2019; 33(7): 576-584.
 - i. Link to article: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6657298/pdf/end.2019.0167.pdf>
- c. Sievert KD, Schonthal M, Berges R, et al. Minimally invasive prostatic urethral lift (PUL) efficacious in TURP candidates: a multicenter German evaluation after 2 years. *World J Urol.* 2019; 37(7):1353-1360.
 - i. Link to article: https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6620255/pdf/345_2018_Article_2494.pdf
9. Chialastri P, Chialastri A, Mueller T. Does Prostatic Urethral Lift Reduce Urinary Medications? Trends in Medical Treatment Before and After Prostatic Urethral Lift. *J Endourol.* 2021; Jan 20.
 - a. Link to abstract: <https://pubmed.ncbi.nlm.nih.gov/33198488/>
10. Kim JH, Lee KS, Kim TH et al. Evaluation of Clinical Outcomes of Prostatic Urethral Lift for Benign Prostatic Hyperplasia: An Asian Population Study. *World J Mens Health.* 2020; 38(3):338-344.
 - a. Link to article: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7308227/pdf/wjmh-38-338.pdf>
11. Userovici M, Ochoa A, Anract J, Beurrier S, Peyromaure M, Delongchamps NB. Prostatic urethral lift using Urolift® system for benign prostatic hyperplasia: 7 years experience. *Prog Urol.* 2020; 30(3): 147-154.
 - a. Link to article (then click on View Open Manuscript): <https://www.sciencedirect.com/science/article/pii/S1166708720300221>
12. Al-Singary W, Patel R, Obi-Njoku O, Patel HRH. The UroLift® System for lower urinary tract obstruction: patient selection for optimum clinical outcome. *Minim Invasive Ther Allied Technol.* 2020; 11: 1-6.
 - a. Link to abstract: <https://pubmed.ncbi.nlm.nih.gov/32915085/>
13. Cayuelas Rubio C, Pallas Costa Y, Juan Escudero J, et al. Minimally invasive treatment for lower urinary tract symptoms due to benign prostatic hyperplasia. Our initial experience with Urolift® under local anaesthesia and sedation. *Actas Urol Esp.* 2019; 43(9): 488-494.
 - a. Link to abstract: <https://pubmed.ncbi.nlm.nih.gov/31160158/>
14. Shah BB, Tayon K, Madiraju S, Carrion RE, Perito P. Prostatic Urethral Lift: Does Size Matter? *J Endourol.* 2018; 32(7): 635-638.
 - a. Link to abstract: <https://pubmed.ncbi.nlm.nih.gov/29631445/>
15. Bardoli AD, Taylor WSJ, Mahmalji W. Can the UroLift prostatic implant device treat the symptoms of benign prostatic hypertrophy, avoid sexual dysfunction and reduce hospital TURP waiting times? A single centre, single surgeon experience and review of the literature. *Aging Male.* 2017; 20(3):192-197.
 - a. Link to article: <https://www.tandfonline.com/doi/pdf/10.1080/13685538.2017.1336531?needAccess=true>

Technique Papers

1. Walsh LP. State of the art: Advanced techniques for prostatic urethral lift for the relief of prostate obstruction under local anesthesia. *Can J Urol.* 2017; 24(3):8859-8864.
 - a. Link to article: https://www.canjurol.com/html/free-articles/V24I3_17_FREE_DrWalsh.pdf
2. McNicholas TA, Woo HH, Chin PT. Minimally invasive prostatic urethral lift: surgical technique and multinational experience. *Eur Urol.* 2013; 64(2): 292-9.
 - a. Link to abstract: <https://pubmed.ncbi.nlm.nih.gov/23357348/>
3. Barkin J, Giddens J, Incze P. UroLift system for relief of prostate obstruction under local anesthesia. *Can J Urol.* 2012; 19(2):6217-22.
 - a. Link to article: https://www.canjurol.com/html/free-articles/V19I2-17_DrBarkin.pdf

Health Economics Papers

1. Clarke JL. Optimizing Population Health and Economic Outcomes: Innovative Treatment for BPH. *Popul Health Manag.* 2013; 16(Suppl 2): S1-S13
 - a. Link to article: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3883086/pdf/pop.2013.1691.pdf>

*Denotes study included prostate volumes greater than FDA-cleared indications. The UroLift System should not be used if the patient has a prostate volume > 100cc.
NeoTract | Teleflex does not recommend or endorse use of the UroLift System with prostate volumes >100 cc.

Indicated for the treatment of symptoms of an enlarged prostate up to 100cc in men 50 years or older. As with any medical procedure, individual results may vary. Most common side effects are temporary and include dysuria, hematuria, pelvic pain, micturition urgency, urge incontinence (Roehrborn, J Urology 2013). Rare side effects, including bleeding and infection, may lead to a serious outcome and may require intervention. Consult indications approved for your geography and the Instructions for Use (IFU) for more information. ifu.teleflex.com

Not all products may be available in all countries. For product information please contact la.cs@teleflex.com or your local representative. Please check your local regulatory approval status.

BPH Relief. In Sight. UroLift, the UroLift logo, NeoTract, the NeoTract logo, Teleflex and the Teleflex logo are trademarks or registered trademarks of Teleflex Incorporated or its affiliates, in the U.S. and/or other countries.

©2021 Teleflex Incorporated. All rights reserved. Revised: 11/2021. MC-007135 REV 01 LA EN