30 Bladder Catheterization

Selected References

Chen L, Hsiao AL, Moore CL, et al. Utility of bedside bladder ultrasound before urethral catheterization in young children. *Pediatrics*. 2005;115(1):108-111.

Chua ME, Firaza PNB, Ming JM, et al. Lidocaine gel for urethral catheterization in children: a meta-analysis. *J Pediatr*. 2017;190:207-214.

Dayan PS, Chamberlain JM, Boenning D, et al. A comparison of the initial to the later stream urine in children catheterized to evaluate for a urinary tract infection. *Pediatr Emerg Care*. 2000;16(2):88-90.

Lacroix LE, Vunda A, Bajwa NM, et al. Videos in clinical medicine. Catheterization of the urethra in male children. *N Engl J Med*. 2010;363(14):e19.

Milling TJ Jr, Van Amerongen R, Melville L, et al. Use of ultrasonography to identify infants for whom urinary catheterization will be unsuccessful because of insufficient urine volume: validation of the urinary bladder index. Ann Emerg Med. 2005;45:510-513.

Phillips B. Towards evidence based medicine for paediatricians. Urethral catheter or suprapubic aspiration to reduce contamination of urine samples in young children? *Arch Dis Child*. 2009;94:736-739.  
Tosif S, Baker A, Oakley E, et al. Contamination rates of different urine collection methods for the diagnosis of urinary tract infections in young children: an observational cohort study. *J Paediatr Child Health*. 2012;48(8):659-664.