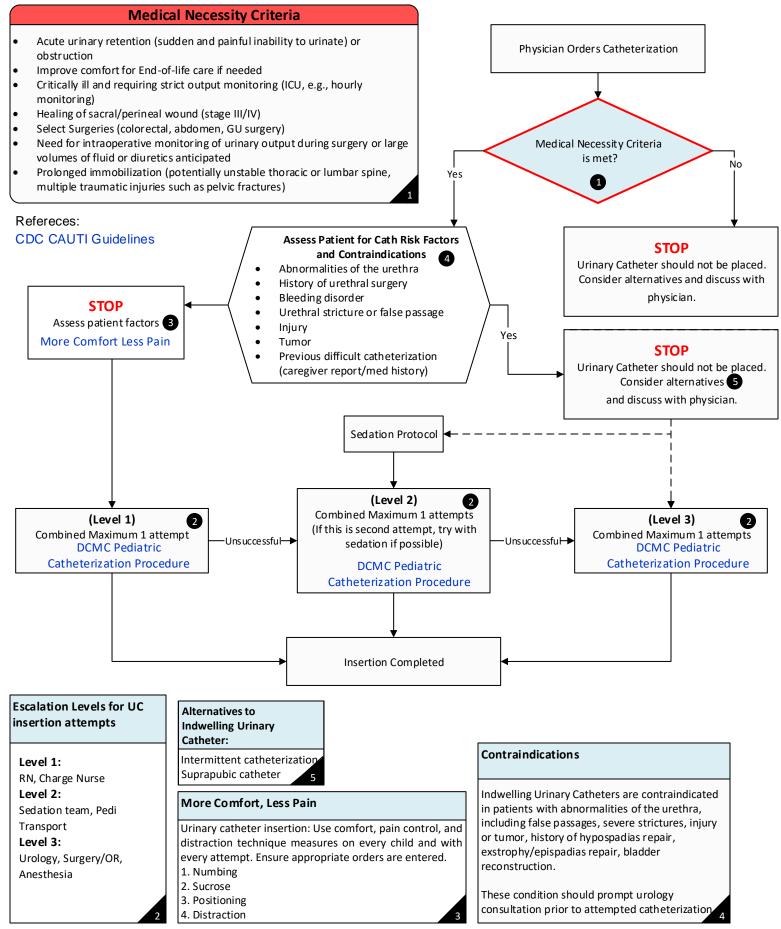




Algorithm for guiding decision making during difficult urinary catheterization (DUC) cases.







DCMC Evidence-Based Outcomes Center

Criteria for when to use an Indwelling Urinary Catheter instead of an Intermittent Catheter in ED

- Urinary retention with estimated bladder volume >150% expected capacity
- History of renal transplantation and concern for UTI/rejection
- Recent inpatient urologic surgery
- ureteral reimplantation
 - pyeloplasty
 - reconstructive bladder surgery



MORE comfort, LESS pain

Age	Pain Management	Comfort Positions with E	xample Procedures
Infant 0-12 months	Breastfeeding 2-5 minutes prior to procedure	With the second secon	with the second secon
Toddler 1-3 years	tuse ice if ≥ 18 months	Wilson Wilson Wilson	with the second secon
Preschool ^{3-5 years}	The second se	Without the second se	With the second secon
Schoolage 6-11 years		Without the second se	Without the second se
Adolescent 12 -18 years		all procedures	distraction kits available on all units

Apply at least 30 minutes prior to procedure.

Administer 2 minutes prior to, and during, procedure.

Place on site for 30-60 seconds prior to procedure. Move above site, between the pain and brain, during procedure. Spray site continuously 4-10 seconds immediately before procedure.





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