

# Congenital megaureter

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The normal ureteric diameter in children up to 16 years is 0.50–0.65 mm. If the ureter is dilated by more than 7 mm, it is classed as a dilated or megaureter. This may occur with or without obstruction or reflux. Most cases of megaureter with obstruction present in childhood with severe infections. Renal stones can form easily in the dilated systems. Surgical correction is indicated in symptomatic patients who have recurrent urinary tract infections (UTIs), progressive dilation on US and differential renal function of less than 40%. Surgery involves excision of the stenosed distal ureter and non-refluxing ureteric reimplantation.

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