

Table: Complications of Conduit Diversion

Complication	Total (%)	Median time to occurrence, years (range)	Probability of experiencing complication			
			5 years	10 years	15 years	20 years
Any complication	643 (60.8%)	1.1 (0.1-25.7)	58.9%	69.6%	75.8%	79.9%
Bowel	215 (20.3)	1.5 (0.1-17.3)	18.0%	23.2%	29.3%	31.0%
Bowel Obstruction	169 (16.0)	1.7 (0.1-17.3)	14.3%	18.5%	24.0%	25.7%
Abscess	38 (3.6)	0.9 (0.1-21.6)	3.3%	4.2%	4.9%	4.9%
Fistula	29 (2.7)	1.9 (0.1-21.1)	2.5%	2.9%	4.1%	4.9%
Renal	213 (20.2)	2.2 (0.1-29.6)	17.9%	24.1%	29.6%	34.4%
Renal failure (Cr>2.0 mg/dL)*	201 (19.0)	2.3 (0.1-29.6)	16.7%	22.8%	28.1%	33.0%
Loss of functional renal unit	22 (2.1)	2.4 (0.2-23.5)	1.8%	2.9%	3.6%	3.6%
Dialysis-dependence	26 (2.5)	8.4 (0.9-23.5)	1.5%	3.1%	4.8%	6.8%
Infectious	174 (16.5)	1.8 (0.1-25.7)	15.2%	20.3%	24.0%	27.0%
Pyelonephritis	127 (12.0)	2.3 (0.1-25.7)	10.3%	14.4%	17.8%	20.7%
Recurrent urinary tract infections	73 (6.9)	2.1 (0.1-21.6)	6.7%	9.2%	10.4%	11.8%
Stomal	163 (15.4)	2.3 (0.2-23.4)	14.9%	20.7%	23.8%	25.0%
Peristomal hernia	147 (13.9)	2.4 (0.2-18.3)	13.8%	19.2%	22.3%	23.6%
Stomal stenosis	22 (2.1)	9.2 (0.2-23.4)	1.1%	1.5%	3.4%	3.4%
Urolithiasis	162 (15.3)	2.5 (0.1-24.9)	14.6%	19.9%	23.3%	27.4%
Upper tract urolithiasis	141 (13.3)	2.5 (0.1-24.9)	12.2%	16.6%	20.2%	24.3%
Conduit stones	48 (4.5)	3.0 (0.2-22.9)	4.8%	6.4%	7.5%	7.5%
Metabolic	135 (12.8)	1.9 (0.1-25.9)	11.0%	14.9%	17.8%	22.0%
Metabolic acidosis	108 (10.2)	1.0 (0.1-24.2)	9.8%	12.1%	14.1%	16.1%
Vitamin B12 Deficiency	32 (3.0)	9.1 (0.4-25.8)	1.3%	3.2%	4.8%	8.0%
Structural	122 (11.5)	1.5 (0.1-25.0)	10.6%	13.0%	16.7%	18.6%
Anastomotic stricture	106 (10.0)	1.1 (0.1-25.0)	10.1%	11.5%	13.5%	14.8%
Conduit stricture	25 (2.4)	9.4 (0.2-24.1)	0.9%	2.1%	4.7%	5.9%

*New onset renal failure, 123 patients had pre-existing renal failure