

Author/year	Number of patients	Gender	Age	Interval between primary gastric cancer and bladder metastasis	Distant metastases at the time of diagnosis	Other metastatic sites(at the time of diagnosis or in progress of disease exept bladder metastasis)	Endoscopic findings	Macroscopic features of bladder metastasis	Urinary Symptoms	Presence of hydronephrosis	Treatment of primary tumour	Treatment of bladder metastasis	Prognosis
Nakamura et al (1992) [12]	1	M	55	9 months	No	Peritoneum	NR	Diffuse wall thickening	Frequent urination and voiding pain	NR	Gastrectomy	Chemotherapy	Died 9 months after chemotherapy
Saba et al. (1997) [13]	1	M	52	7 years	Yes	Peritoneum, pleura, lymph nodes	Large broad-based lesion at the posterior wall, with mucinous strands	Protuberant mass	Hematuria	No	Chemotherapy	No treatment	Died
Ota et al. (1999) [14]	1	F	57	2 years	No	No	NR	Diffuse wall thickening	Incontinence	Yes	Gastrectomy	Chemotherapy	Alive after 12 month follow up
Uemura et al. (2000) [15]	1	M	59	21 months	No	Lymph nodes	NR	Diffuse wall thickening	Frequent urination, voiding pain and hematuria	NR	Gastrectomy	TUR	NR
Puerta et al. (2000) [16]	1	F	52	2 years	No	NR	NR	Diffuse wall thickening	NR	Yes	Gastrectomy	Ureteral palliative catheterization	NR
Kim et al. (2000) [17]	3	M F M	60 57 42	1 year 15 months 2 years	No No No	NR NR NR	NR Bullous oedema of the bladder mucosa Oedematous mucosa of the bladder with a small ulcer	Focal wall thickening Diffuse wall thickening Diffuse wall thickening	Dysuria, sense of residual urine Dysuria Dysuria	NR NR NR	NR NR NR	NR NR Total cystectomy	NR NR NR
Antunes et al. (2004) [18]	1	F	63	21 months	Yes	Peritoneum , Ascites	Extensive vegetative lesion in the bladder	Diffuse wall thickening	Dysuria, lumbar pain	Yes	Partial Gastrectomy	No treatment	Alive after 8 month follow up
Matsuhashi et al. (2005) [19]	1	F	90	Synchronous metastasis	Yes	No	Lesion in the bladder diverticulum	Protuberant mass (in a bladder diverticulum)	Hematuria	Yes	Palliative distal gastrectomy	No treatment	Died 3 months after the diagnosis
Farhat et al. (2007) [20]	1	M	58	15 months	No	No	NR	Protuberant mass	Hematuria	No	Total gastrectomy and adjuvant chemotherapy	TUR	NR
Lim et al. (2011) [21]	1	M	51	2 years	No	Peritoneum, bones	NR	Protuberant mass	Hematuria	Yes	NR	Partial cystectomy, systemic chemotherapy	Died 7 months after the surgery
Sharma et al. (2011) [10]	1	M	30	2 years	No	No	Multiple grape-like lesions on the dome and left bladder	Protuberant mass	Hematuria	No	Radical D2 partial gastrectomy	TUR/Chemotherapy	Alive 5 months after chemotherapy
Neves et al. (2011) [22]	2	F M	62 41	synchronous metastasis synchronous metastasis	Yes Yes	peritoneum, ovary No	NR NR	Diffuse wall thickening Protuberant mass	Dysuria, infrequency, lumbar pain Hematuria	Yes No	NR NR	No treatment Partial cystectomy	Died Died
Andras et al. (2013) [23]	1	M	59	10 years	No	No	Mucosal hyperaemia lesion close to the ureteric orifice	Protuberant mass	No urinary symptoms	No	Billroth II resection of stomach, omnectomy and D2 lymph node dissection and adjuvant chemotherapy	TUR/Chemotherapy	NR
Vigliar et al. (2013) [24]	1	M	38	7 months	Yes	Peritoneum, pleura, lymph nodes	NR	Protuberant mass	Hematuria	Yes	NR	No treatment	Died 2 months after diagnosis of bladder metastasis
Kalra et al. (2015) [25]	1	M	60	synchronous metastasis	Yes	Peritoneum	Smooth wall diffusely erythematous small capacity bladder	Diffuse wall thickening	Lower urinary tract symptoms	Yes	Chemotherapy	Chemotherapy, bilateral nephrostomy tubes	Alive (follow up NR)
Okutur et al. (2015) [26]	1	M	48	synchronous metastasis	Yes	Peritoneum, lymph nodes	Diffuse papillary nodular lesion	Diffuse wall thickening	Hematuria	Yes	Chemotherapy	Chemotherapy	Alive 5 months after diagnosis
Seow-En et al. (2015) [27]	1	M	75	20 years	No	Lymphadenopathy rectum	Mucosal tumor growth	Diffuse wall thickening	Frequency	Yes	Total gastrectomy and adjuvant chemotherapy	Chemotherapy	Alive four months since diagnosis
Silva et al. (2015) [28]	1	F	40	synchronous metastasis	Yes	Lung, paraortal, mediastinal and supraclavicular lymph nodes, liver	NR	Diffuse wall thickening	No urinary symptoms	No	No therapy	No therapy	Died 1 month after diagnosis due to refrctory septic shock
Hung et al. (2016) [39]	1	F	62	14 years	No	Paraortic, mediastinal and supraclavicular lymph nodes	NR	Protuberant mass	Hematuria	No	Subtotal gastrectomy	Palliative Chemotherapy	NR
Sima et al. (2016) [30]	1	F	58	synchronous metastasis	Yes	Liver, Peritoneum, Ascites, Pleural effusion	NR	Diffuse wall thickening	Dysuria	Yes	NR	TUR	NR

Lodh et al. (2016) [31]	1	M	53	synchronous metastasis	Yes	No	Protuberant mass	Protuberant mass	Abdominal fullness	No	Total gastrectomy and perioperative chemotherapy	TUR and perioperative chemotherapy	Stable three month later
Khoury et al. (2019) [32]	1	M	75	2 yeas	No	No	Extensive vegetative lesion	Diffuse wall thickening	Lumbar pain	Yes	NR	NR NR Total cystectomy	NR
Nouioui et al. (2020) [33]	2	M M	72 36	synchronous metastasis 5 months	Yes Yes	Peritoneum, Ascites Peritoneum, Bones	Extensive bullous oedema of the bladder mucosa Two solid protuberant nodular lesions	Diffuse wall thickening Protuberant mass	Nycturia, and urgency Hematuria	Yes Yes	Palliative Chemotherapy Palliative Chemotherapy	Chemotherapy Chemotherapy	Alive at the time Alive at the time
Present report	1	M	65	8 months	No	Peritoneum , Ascites, Liver	Two solid protuberant nodular lesions one in the trigone and the other in the left lateral bladder wall	Protuberant mass	Hematuria	Yes	Total gastrectomy with D2 lymphadenectomy and perioperative chemotherapy	Chemotherapy	Died 2 months after diagnosis of bladder metastasis

NR: Not reported