

No	Author, Year	Age (y)	Site of tumor	Type of surgery	Adj/Pall treatment	Site(s) of metastasis	Time to metastasis (from diagnosis)	Follow-up
1	Gregston, 2019 ⁸	32	L breast	Radical mastectomy, STSG	CT	Lung, brain	2 months (lung), 6 months (brain)	Died 20 months post-surgery
2	Moon, 2019 ⁹	48	R breast	Mastectomy, ALND, TA Flap, STSG	CT	Lung	Synchronous	Alive 3 years post-surgery
3	Liu, 2020 ¹⁰	82	L breast	Simple mastectomy	RT	Chest wall, stomach	2 months (chest wall), 6 months (chest wall & stomach)	Died 13 months post-surgery
4	Ramakant, 2015 ¹¹	40	R breast	Simple mastectomy, ALND	CT & RT	Brain, lung, adrenals	7 months	Died 1 month post-CT
5	Ramakant, 2015 ¹¹	28	L breast	Simple mastectomy, ALND, LD Flap cover	CT	Lung	2 months	Died 8 months post-surgery
6	Khanal, 2018 ¹²	37	L breast	MRM	None	Lung, adrenals, brain	3 months	Died 20 days after diagnosis of metastasis
7	Patel, 2019 ¹³	45	R breast	Simple mastectomy, Flap reconstruction	CT & RT	Skull	3 years	Alive & free of disease (4 years after relapse)
8	de Foucher, 2017 ¹⁴	57	L breast	Radical mastectomy, ALND, partial pectoral muscle resection	CT	Soft tissues	Few weeks	Died 4 months after initial diagnosis
9	Morcos, 2010 ¹⁵	52	L breast	WLE, TRAM Flap	N/A	Caecum, lung, soft tissues	13 months (caecum), following months (UNS) (lung, soft tissues)	Died 18 months later
10	Collin, 2013 ¹⁶	57	L breast	Simple mastectomy	N/A	Lungs, adrenals, pelvis	5 years (lungs), 6 years (adrenals/pelvis)	Died 9 years after initial diagnosis
11	Roberts, 2014 ¹⁷	50	Rbreast	Simple mastectomy	None	Chest, brain	Synchronous (chest)	Died 7 weeks later
12	Sanchez, 2016 ¹⁸	60	Rbreast	Radical mastectomy	N/A	Liver	3 weeks (brain)	Alive (3 months post-surgery)
13	Jhawar, 2015 ¹⁹	63	L breast	Simple mastectomy, STSG	N/A	Brain	Synchronous	Alive & free of disease (6 months post-surgery)
14	Johnson, 2016 ²⁰	66	L breast	Simple Mastectomy	RT	Bone, brain,lungs	1 week	1 year
15	Kataoka, 1998 ²¹	54	L breast	Simple Mastectomy	MPA	Lung	1 year	Synchronous
16	Nayak, 2017 ²²	29	R breast	Simple Mastectomy	RT	N/A	12 months	N/A
17	Al Saad, 2011 ²³	53	R breast	Lumpectomy followed by mastectomy	RT	lungs, peritoneum	4 months	Died within weeks (UNS)
18	Lindquist, 1982 ²⁴	45	N/A	Simple Mastectomy	N/A	N/A	Synchronous	Died after 21 months
19	Al-Zoubaidi, 2011 ²⁵	59	L breast	Simple mastectomy, en-bloc partial pectoralis major muscle resection, fasciocutaneous advancement flap	CT	Lung, brain	Synchronous (lungs 5 weeks (brain)	Died 8 months after initial diagnosis
20	Chika, 2017 ²⁶	38	R breast	Simple Mastectomy	None	Abdomen generalized	5 weeks	N/A
21	Hawkins, 1992 ²⁷	44	N/A	Mastectomy	CT	N/A	22 months	Died after 25 months
22	Hawkins, 1992 ²⁷	52	N/A	Mastectomy	None	N/A	5 months	Died after 12 months
23	Barrio, 2007 ²⁸	60	N/A	Mastectomy	N/A	Bone, brain, epidural space	N/A	N/A
24	Barrio, 2007 ²⁸	83	N/A	MRM	N/A	Chest wall, thoracic cavity	Several months later (UNS)	Died (UNS)
25	Barrio, 2007 ²⁸	23	N/A	Radical mastectomy	N/A	Chest wall, sternum	2 months	Died (UNS)
26	Barrio, 2007 ²⁸	59	N/A	Mastectomy	N/A	mediastinum Epidural space, vertebrae	Several years later (UNS)	N/A
27	Present case	55	L breast	MRM & left ALND	RT	thoracic, abdominal & pelvic cavity	1 year & 4 months	Died 17 months after initial diagnosis

Adj/Pall: Adjuvant/Palliative, y: years, N/A: not available; R: right; L: left, STSG: split-thickness skin graft; ALND: Axillary Lymph Node Dissection, TA Flap: Thoracoabdominal Flap; LD Flap: Latissimus Dorsi Flap; MRM: Modified Radical Mastectomy; WLE: Wide Local Excision; TRAM Flap: Transverse rectus abdominus myocutaneous Flap; UNS: unspecified time.