

Supplementary Table 1 : Clinicopathological characteristics of 113 patients with abdominal desmoid tumors.

Characteristics	Overall (<i>n</i> = 113)	Tumor site		Statistics	<i>P</i> value
		Abdominal wall (<i>n</i> = 66)	Abdominal cavity (<i>n</i> = 47)		
Gender				34.16*	<0.001
Male	30 (26.5)	4 (6.1)	26 (55.3)		
Female	83 (73.5)	62 (93.9)	21 (44.7)		
Age (years)				11.43*	0.001
≥30	85 (75.2)	42 (63.6)	43 (91.5)		
<30	28 (24.8)	24 (36.4)	4 (8.5)		
Body mass index (kg/m ²)	22.6 ± 3.1	22.7 ± 3.0	22.5 ± 3.3	0.39 [†]	0.711
Preoperative albumin (g/L)	39.0 ± 3.2	39.3 ± 3.2	38.9 ± 3.3	0.77 [†]	0.409
Admission status				1.52*	0.356
Primary	101 (89.4)	57 (86.4)	44 (93.6)		
Recurrent	12 (10.6)	9 (13.6)	3 (6.4)		
Previous cesarean section history				12.56*	<0.001
Yes	26 (23.0)	23 (34.8)	3 (6.4)		
No	87 (77.0)	43 (65.2)	44 (93.6)		
Symptoms	28 (24.8)	9 (13.6)	19 (40.4)	10.57*	0.001
Abdominal pain	16 (14.2)	9 (13.6)	7 (14.9)		
Changes in bowel habits	6 (5.3)	0 (0)	6 (12.8)		
Obstruction	3 (2.7)	0 (0)	3 (6.4)		
Anemia	3 (2.7)	0 (0)	3 (6.4)		
Hydronephrosis	2 (1.8)	0 (0)	2 (4.3)		
Tumor size (cm)				9.02*	0.011
0–5	39 (34.5)	23 (34.8)	16 (34.0)		
5–10	56 (49.6)	38 (57.6)	18 (38.3)		
>10	18 (15.9)	5 (7.6)	13 (27.7)		
Margin status				1.53*	0.368
R0	103 (91.2)	62 (93.9)	41 (87.2)		
R1	10 (8.8)	4 (6.1)	6 (12.8)		
Adjuvant RT				0.28*	0.864
Yes	9 (8.0)	6 (9.1)	3 (6.4)		
No	104 (92.0)	60 (90.9)	44 (93.6)		
Adjacent to nerves/vascular				12.03*	0.001
Yes	29 (25.7)	9 (13.6)	20 (42.6)		
No	84 (74.3)	57 (86.4)	27 (57.4)		

All data are presented as *n* (%) and mean ± standard deviation. * χ^2 test statistical value. [†] t test statistical value.

Supplementary Table 2: Surgical outcomes of 113 patients with abdominal desmoid tumors.

Characteristics	Overall (<i>n</i> = 113)	Tumor site		Statistics	<i>P</i> value
		Abdominal wall (<i>n</i> = 66)	Abdominal cavity (<i>n</i> = 47)		
Duration of operation (min)	138.5 ± 83.6	98.7 ± 50.0	194.5 ± 90.3	−2.52*	<0.001
Intraoperative blood loss (ml)	37.7 ± 20.0	20.8 ± 14.1	61.5 ± 38.2	−3.28*	<0.001
Postoperative complications	21 (18.6)	10 (15.2)	11 (23.4)	1.24 [†]	0.266
Wound infection	7 (6.2)	4 (6.1)	2 (4.3)		
Ileus	3 (2.7)	0 (0)	3 (6.4)		
Anastomosis leakage	4 (3.5)	0 (0)	4 (8.5)		
Incisional hernia	2 (1.8)	2 (3.0)	0 (0)		
Chronic pain	8 (7.1)	6 (9.1)	1 (2.1)		
Neurological problem	1 (0.9)	0 (0)	1 (2.1)		
Mortality	0 (0)	0 (0)	0 (0)	NA	NA
Postoperative hospital stay (day)	3.9 ± 3.8	3.2 ± 2.4	5.9 ± 6.3	−1.94*	0.002

All data are presented as *n* (%) and mean ± standard deviation. NA: not available. **t* test statistical value. [†] χ^2 test statistical value.

Supplementary Table 3: Univariate and multivariate analysis for recurrence-free survival of 113 patients with abdominal desmoid tumors.

Variables	Univariate analysis		Multivariate analysis	
	HR (95%CI)	<i>P</i> value	HR (95%CI)	<i>P</i> value
Gender: male/female	0.480 (0.107-2.153)	0.338		
Age<30 years	1.409 (0.472-4.208)	0.539		
Tumor location: abdominal cavity/abdomial wall	4.026 (1.397-18.013)	0.039	8.407 (1.649-42.865)	0.010
Admission status: recurrent/primary	3.557 (0.985-12.850)	0.063		
Previous cesarean section history: yes/no	0.742 (0.149-3.691)	0.716		
Preoperative albumin	0.976 (0.833-1.672)	0.443		
Tumor size				
0–5 cm	Reference	—	Reference	—
5–10 cm	1.759 (0.418-7.410)	0.441	1.361 (0.314-5.903)	0.681
> 10 cm	5.743 (1.424-23.158)	0.014	17.437 (3.648-83.346)	<0.001
Adjacent to nerves/vascular: yes/no	1.807 (0.897-9.670)	0.120		
Margin status: R1/R0	5.512 (1.783-14.889)	0.002	8.045 (2.388-27.099)	0.001
Adjuvant radiation therapy: yes/no	0.762 (0.099-5.849)	0.794		
HR: hazard ratio				