

Table 1. Demographic and Clinical Characteristics of 181 CC Patients

Characteristic	Number(%) Total = 181
Age(year)	
< 47	92(50.8)
>= 47	89(49.2)
Body mass index (kg/m2)	
< 28	160(88.4)
>= 28	21(11.6)
Parity	
< 2	102(56.4)
>= 2	79(43.6)
Mode of delivery	
caesarean	21(11.6)
Naturallabor	153(84.5)
No Labor	7(3.9)
FIGO clinical stage	
IB1+IIA1	128(70.7)
IB2+IIA2	33(18.2)
1A	11(6.1)
IIB	9(5)
Grading	
1	43(23.8)
2	138(76.2)
Treatment type	
Surgery	68(37.6)
SurgeryChemoRadio	45(24.9)
SurgeryChemo	54(29.8)
SurgeryRadio	14(7.7)
The follow-up time	
3 - 6m	38(21)
6 - 9m	35(19.3)
9 - 12m	17(9.4)
12 - 18m	50(27.6)
18 - 24m	41(22.7)

Table 2. Proportion of pelvic floor muscle strength and pelvic floor dysfunction symptoms after treatment of cervical cancer

Muscle strength and symptoms	Number(%)
	Total = 181
Type I muscle fiber strength	
0	40(22.1)
1-3	55(30.5)
4-5	86(47.4)
Type II muscle fiber strength	
0	28(15.3)
1-3	63(34.7)
4-5	90(50)
Stress urinary incontinence	
NO	97(54)
YES	84(46)
Urinary retention	
NO	131(72.7)
YES	50(27.3)
Dyschezia	
NO	106(58.5)
YES	75(41.5)
Fecal incontinence	
NO	163(91)
YES	18(9)
Sexual life satisfaction	
YES	41(22.5)
NO	141(77.5)

Table 3. Univariate analysis for muscle strength, muscle fiber I and muscle fiber II, ordinal ploytomous logistic regression, CI confidence interval, est

Characteristic	Muscle.fiber.I				Muscle.fiber.II			
	est	lower.ci	upper.ci	P.value	est	lower.ci	upper.ci	P.value
Age(year)								
< 47								
>= 47	0.978	0.567	1.687	0.936	0.655	0.376	1.143	0.136
Body mass index (kg/m2)								
< 28								
>= 28	0.897	0.376	2.137	0.806	1.136	0.476	2.710	0.774
Parity								
< 2								
>= 2	0.709	0.408	1.232	0.222	0.758	0.434	1.323	0.330
Mode of delivery								
caesarean								
Naturallabor	1.294	0.565	2.960	0.542	1.099	0.480	2.518	0.823
No Labor	2.678	0.419	17.115	0.298	1.082	0.196	5.971	0.928
FIGO clinical stage								
IB1+IIA1								
IB2+IIA2	0.746	0.374	1.486	0.405	1.041	0.509	2.129	0.913
1A	1.081	0.321	3.637	0.900	0.944	0.274	3.252	0.927
IIB	0.986	0.251	3.865	0.984	1.082	0.282	4.147	0.909
Treament type								
Surgery								
SurgeryChemoRadio	0.599	0.293	1.222	0.159	0.721	0.350	1.486	0.375
SurgeryChemo	0.882	0.444	1.752	0.721	0.735	0.369	1.466	0.383
SurgeryRadio	0.203	0.071	0.577	0.003	0.333	0.119	0.931	0.036
The follow-up time								
3 - 6m								
6 - 9m	1.284	0.539	3.063	0.572	1.239	0.518	2.963	0.629
9 - 12m	2.046	0.669	6.260	0.209	3.206	1.013	10.149	0.048
12 - 18m	2.218	0.981	5.014	0.056	2.078	0.928	4.653	0.075
18 - 24m	2.539	1.077	5.987	0.033	1.817	0.771	4.281	0.172

Table 4. Multivariate analysis for muscle strength, muscle fiber I and muscle fiber II, ordinal ploytomous logistic regression, CI confidence interval, est

Variables	Adjusted Muscle.fiber.I							Adjusted Muscle.fiber.II				
	Value	Std. Error	t value	p value	est	lower ci	upper ci	Value	Std. Error	t value	p value	est
Treament type												
Surgery												
SurgeryChemoRadio	-0.850	0.410	-2.075	<i>0.038</i>	0.428	0.192	0.954	-0.200	0.413	-0.485	0.628	0.818
SurgeryChemo	-0.199	0.382	-0.522	0.602	0.819	0.388	1.731	-0.126	0.385	-0.326	0.744	0.882
SurgeryRadio	-1.470	0.595	-2.471	<i>0.013</i>	0.230	0.072	0.738	-1.147	0.590	-1.945	<i>0.052</i>	0.318
The follow-up time												
3 - 6m												
6 - 9m	0.465	0.464	1.003	0.316	1.592	0.641	3.954	0.229	0.465	0.492	0.623	1.257
9 - 12m	1.339	0.637	2.102	<i>0.036</i>	3.816	1.095	13.302	1.644	0.648	2.537	<i>0.011</i>	5.178
12 - 18m	1.161	0.443	2.619	<i>0.009</i>	3.194	1.339	7.617	0.869	0.440	1.975	<i>0.048</i>	2.385
18 - 24m	1.140	0.456	2.497	<i>0.013</i>	3.126	1.278	7.647	0.684	0.453	1.509	0.131	1.981
worst worse	-0.973	0.473	-2.056	<i>0.040</i>	0.378	0.149	0.956	-0.898	0.476	-1.888	0.059	0.407
worse normal	0.614	0.470	1.306	0.192	1.847	0.735	4.639	0.995	0.476	2.092	<i>0.036</i>	2.704