

Table 1: Patients' characteristics in hypofractionated and conventional radiotherapy groups.

Conventional N=22	Hypofractionation N=25	P value	
Age Mean Median (range) (SD)	49.41 46.50 (35-70) (11.26)	53.44 55 (33-69) (8.05)	0.16
Performance status 0 1	1 21 (95 %) (4 %)	4 21 (84.0 %) (16. %)	0 .2 0
Residence Sohag Qena Luxury Assuit	17 5 0 0 (0 %) (77 %) (22 %) (0 %)	18 5 1 1 (4 %) (72 %) (20 %) (4 %)	0.61
Performance status 0 1	1 21 (95 %) (4 %)	4 21 (84 %) (16 %)	0.20
Menopausal status Pre Peri Post	10 2 10 (45 %) (45 %) (9 %)	5 1 19 (76 %) (20 %) (4 %)	0.10
Contraception use No Yes	19 3 (13 %) (86 %)	20 5 (20 %) (80 %)	0.56
Heart No IHD	21 1 (4 %) (95 %)	25 0 (0 %) (100 %)	0.28
Liver No Yes	17 5 (22 %) (77 %)	17 8 (32 %) (68 %)	0.48

t test was used for quantitative data and chi square was used for categorical data.

Table 2: Comparison between Conventional and Hypofractionation group as regard tumor characteristics

Conventional N=22	Hypofractionation N=25	P value	
Pathology			
IDC	21 (95.45%)	22 (88 %)	0.40
ILC	0 (0 %)	2 (8 %)	
Mixed	1 (4.55%)	1 (4 %)	
Tumor grade			
2-3	18 (81.82%)	18 (72 %)	0.43
	4 (18.18%)	7 (28 %)	
Anatomical side			
Left	13 (59.09%)	11 (44 %)	0.30
Right	9 (40.91%)	14 (56 %)	
Stage			
IIA	3 (13.64%)	7 (28 %)	0.41
IIB	9 (40.91%)	7 (28 %)	
IIIA	5 (22.64%)	8 (32 %)	
IIIB	1 (4.55%)	0 (0 %)	
IIIC	1 (4.55%)	1 (4 %)	
IIIC	0 (0 %)	1 (4 %)	
TxN0M0	0 (0 %)	1 (4 %)	
TxN1M0	0 (0 %)	1 (4 %)	
TxN2M0	2 (9.09%)	0 (0 %)	
T3NxM0	1 (4.55%)	0 (0%)	
Tumor size (SD)			
Mean	5.20 (1.21)	4.65 (1.36)	0.18
Median (range)	5 (3-7)	4.5 (3-8)	
Number of positive node (SD)			
Mean	2.90 (2.89)	2.12 (2.99)	0.20*
Median (range)	2 (0-10)	1 (0-11)	
Number of node removed			
Median (range)	12 (1-29)	14 (6-33)	0.46
Metastases			
No	22 (100 %)	25 (100 %)	
Estrogen receptor			
Negative	7 (31.82%)	6 (24 %)	0.55
Positive	15 (68.18%)	19 (76 %)	
HER2			
Negative	8 (36.36%)	12 (48 %)	0.39
Positive	3 (13.64%)	2 (8 %)	
Unknown	11 (50 %)	9 (36 %)	
Not assessed	0 (0 %)	2 (8 %)	
Progesterone receptor			
Negative	6 (27.27%)	7 (28 %)	0.82
Positive	13 (59.09%)	16 (64 %)	
Unknown	3 (13.64%)	2 (8 %)	