|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Adjuvant** | **Surveillance** | **Sig difference** | **p-value** | **Stats test** |
| n | 95 (63%) | 56(37%) |  |  |  |
| Age | 62.36 years | 68.18 years | \*\* | 0.0045 | T-test, 2-tailed |
| Grade( 1-3) | 2 (median) | 2 (median) | ns | 0.6391 | Mann Whitney |
| Baseline Stage (2 or 3)  2: 16 (10.7%)  3: 133 (89.3%) | 3 (median)  2.947 (mean) | 3 (median)  2.807 (mean) | \* | 0.0120 | Mann Whitney |
| 2: 5 (5.3%)  3: 89 (94.7%) | 2: 11(20%)  3: 44 (80%) |  |  |  |
| EMVI ( pos or neg)  + 58/98 (59.2%) | 70% (43/61) | 41% (15/37) | \*\* | 0.00345 | Chi-squared |
| CRM ( pos/threatened, neg)  + 106/139 (76.3%) | 83% (73/88) | 65% (33/51) | \* | 0.01481 | Chi squared |
| Distance from verge(<5cm or >5cm)  <5cm= 59/134 (44.0%) | 55% (59/108) | 50% (26/52) <5cm | ns | 0.58265 | Chi squared |
| TRG (1-5)  1: 7 9.2%  2: 40 52.4%  3: 22 28.9%  4: 4 5.3%  5: 3 3.9% | 2 (median) | 2 (median) | ns | 0.2909 | Mann Whitney |
| 1: 5 10.4%  2: 27 56.2%  3: 12 25%  4: 2 4.2%  5: 2 4.2% | 1: 2 7.1%  2: 13 46.4%  3: 10 35.7%  4: 2 7.1%  5: 1 3.6% |  |  |  |
| Post RT staging (yTNM)  2: 45  3: 46 | Median 2  Mean 2.31 | Median 2  Mean 2.027 | ns |  |  |
| 2: 30  3: 33 | 2: 15  3: 13 |  |  |  |
| Post-op staging (ypTN)  2: 52  3: 38 | 2 (median)  2.022 (mean) | 1 mean  1.327 (mean) | \*\*\*\* | <0.0001 | Mann Whitney |
| 2: 39  3: 31 | 2: 13  3: 7 |  |  |  |
| Resection margin (R1 or R2 vs R0) | 3.5% (2/57) | 12.5% (11/89) | ns | 0.0795 | Fisher’s exact |
| R0 132 91.0 %  R1 12 8.3 %  R2 2 1.4 % | R0 78 86.7 %  R1 10 11.1 %  R2 2 2.2 % | R0 54 93.1 %  R1 2 3.4 %  R2 2 3.4 % |  |  |  |
| Time between RT and surgery | 89 days (median) | 86 days (median) | \* | 0.0270 | T-test, 2 tailed |
| PFS ( local recurrence or distant metastasis) | 70% | 75% | ns | 0.1233 | Log-rank(Mantel-Cox) |
| OS 1 year | 95.6% | 98% | ns | 0.6505 | Fisher’s |
| OS 2 year | 91.1% (8/90) | 98% (1/51) | ns | 0.1661 | Fisher’s |

OS for all patients





 (Age cohorts)

**Grade**

















Chart, line chart, box and whisker chart

Description automatically generated

**Cox proportional hazard data. To assess impact of various variables as predictors of survival**

A picture containing text, receipt

Description automatically generated