Table 1. Univariate analysis of 84 included IRSI-patients (primary complete resection with free margins)

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | ***N* (%)** | **5yr EFS** **(95% CI)** | ***p* value** | **5yr OS****(95% CI)** | ***p* value** | **5yr LRFS** **(95% CI)** | ***p* value** | **5yr MFS****(95% CI)** | ***p* value** |
| **All patients** | 84 (100) | 79.1±8.8 |  | 89.9±6.7 |  | 89.6±6.9 |  | 89.8±6.7 |  |
| **Studies**CWS 81CWS 86CWS 91CWS 96CWS 2002PSoTiSaR | 10 (12)15 (18)11 (13)22 (26)15 (18)11 (13) | 80.0±24.780.0±24.780.8±23.981.8±16.177.1±22.972.7±26.3 | *0.851* | 78.8±26.393.3±12.590.9±17.190.7±12.3100±081.8±22.7 | *0.692* | 100±085.7±18.488.9±20.690.9±12.084.4±20.090.0±18.6 | *0.975* | 88.9±20.686.7±17.290.9±17.185.6±15.1100±090.0±18.6 | *0.633* |
| **Gender**femalemale | 43 (51)41 (49) | 80.8±12.077.3±13.1 | *0.592* | 92.8±7.887.2±10.6 | *0.484* | 92.3±8.486.6±11.0 | *0.660* | 92.8±7.886.8±10.8 | *0.895* |
| **Age [years]**≤1010-21≥21 | 15 (18)60 (71)9 (11) | 86.7±17.280.8±10.255.6±32.5 | *0.310* | 93.3±12.591.2±7.474.1±31.6 | *0.599* | 92.9±13.587.3±8.8100±0 | *0.533* | 92.3±14.594.7±5.955.6±32.5 | ***0.003*** |
| **Site** ExtremitiesHead-neckShoulder-hipTrunk | 64 (76)2 (2)9 (11)9 (11) | 77.5±10.4100±0100±066.7±30.8 | *0.684* | 90.2±7.4100±0100±077.8±27.2 | *0.181* | 89.6±7.8100±0100±077.8±27.2 | *0.628* | 90.1±7.6100±0100±075.0±30.0 | *0.219* |
| **Size** <3cm3-5cm5-10cm>10cmno information | 24 (29)31 (37)21 (25)4 (5)4 (5) | 90.4±12.790.2±10.665.6±20.850.0±49.0 | *0.110* | 100±096.8±6.379.8±17.875.0±42.5 | *0.181* | 90.4±12.796.6±6.778.8±18.6100±0 | *0.117* | 100±092.9±9.484.4±16.350.0±49.0 | ***0.006*** |
| **Size (5cm)**<=5cm>5cmno information | 56 (67)25 (30)3 (4) | 90.5±8.063.1±19.2 | ***0.022*** | 98.2±3.579.2±16.3 | ***0.033*** | 93.9±6.781.8±16.3 | *0.112* | 96.1±5.382.9±15.3 | ***0.035*** |
| **T-Status**T1T2TX | 63 (75)20 (24)1 (1) | 83.7±9.264.6±21.2 | *0.126* | 93.6±6.179.2±18.2 | *0.315* | 89.5±8.089.1±14.3 | *0.813* | 93.1±6.679.4±18.0 | ***0.055*** |
| **N-Status**N0N1NX | 81 (96)0 (0)3 (4) | 78.3±9.2 |  | 89.5±6.9 |  | 89.1±3.7 |  | 89.4±6.9 |  |
| **Chemotherapy** NoVACAVAIAno information | 4 (5)18 (21)56 (67)0 (0) | 25.0±42.577.4±19.685.1±9.6 | ***0.004*** | 75.0±42.582.6±17.894.3±6.3 | *0.583* | 50.0±49.093.3±12.592.3±7.3 | ***0.008*** | 75.0±42.588.2±15.392.4±7.3 | *0.508* |
| **Radiotherapy**yesnono information | 45 (54)34 (40)5 (6) | 81.8±11.472.2±15.5 | *0.706* | 93.2±7.483.6±13.3 | *0.461* | 92.4±8.284.1±12.9 | *0.666* | 88.6±9.489.5±11.4 | *0.489* |
| **Best surgery** R0no information | 84 (100) | 79.1±8.8 |  | 89.9±6.7 |  | 89.6±6.9 |  | 89.8±6.7 |  |
|  | **Median**  | **EFS (range)**6.6 (0.2-16.1) | **OS (range)**7.4 (0.2-31.1) |  **LRFS (range)** 6.7 (0.2-16.1) | **MFS (range)**7.1 (0.2-16.1) |

Bold values indicate statistical significance