Table 1. Univariate analysis of 101 included IRS II patients (primary complete resection with positive 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** | 101 (100) | 86.3±6.9 |  | 94.7±4.5 |  | 92.9±5.1 |  | 94.5±4.7 |  |
| **Studies**CWS 81CWS 86CWS 91CWS 96CWS 2002PSoTiSaR | 7 (7)12 (12)7 (7)37 (37)24 (24)14 (14) | 100±083.3±10.868.6±18.688.9±5.387.3±6.973.3±17.6 | *0.611* | 100±091.7±083.3±15.294.1±4.195.7±4.3100±0 | *0.539* | 100±091.7±15.785.7±25.991.1±9.095.8±8.091.7±15.7 | *0.517* | 100±090.9±17.180.0±35.197.1±5.591.3±11.6100±0 | *0.821* |
| **Gender**femalemale | 51 (50)50 (50) | 94.0±3.377.9±6.2 | ***0.037*** | 95.8±2.977.9±6.2 | *0.179* | 96.0±5.589.7±8.6 | *0.380* | 98.0±3.990.4±9.0 | *0.103* |
| **Age [years]**≤1010-21≥21 | 21 (21)73 (72)7 (7) | 90.2±6.684.0±4.4100±0 | *0.493* | 94.7±5.194.2±2.8100±0 | *0.643* | 90.2±12.993.0±5.9100±0 | *0.241* | 100±092.4±6.5100±0 | *0.547* |
| **Site**ExtremitiesHead-neckShoulder-hipTrunk | 76 (75)8 (8)11 (11)6 (6) | 90.2±3.587.5±11.772.7±13.466.7±19.2 | *0.120* | 98.6±1.4100±071.6±1.483.3±15.2 | ***0.004*** | 94.5±5.3100±081.8±22.783.3±29.8 | *0.441* | 95.7±4.7100±090.0±18.680.0±35.1 | *0.751* |
| **Size** <3cm3-5cm5-10cm>10cmno information | 34 (34)28 (28)21 (21)9 (9)9 (9) | 90.6±5.292.4±5.185.2±7.955.6±16.6 | *0.056* | 100±0100±090.2±6.666.7±15.7 | ***0.002*** | 90.6±10.2100±090.2±12.577.8±27.2 | *0.207* | 100±096.3±7.194.1±11.274.1±31.6 | *0.105* |
| **Size (5cm)**<=5cm>5cmno information | 63 (62)34 (34)4 (4) | 91.3±3.776.1±7.4 | *0.053* | 100±085.0±6.2 | ***0.001*** | 100±085.0±6.2 | *0.164* | 100±085.0±6.2 | *0.068* |
| **T-Status**T1T2TX | 66 (65)29 (29)6 (6) | 88.7±4.179.2±7.6 | *0.163* | 96.8±2.289.5±5.7 | ***0.048*** | 93.8±6.089.7±11.2 | *0.554* | 94.8±5.992.8±9.6 | *0.221* |
| **N-Status**N0N1NX | 88 (87)6 (6)7 (7) | 85.8±3.8100±0 | *0.460* | 93.9±2.6100±0 | *0.790* | 91.9±5.7100±0 | *0.815* | 93.7±5.3100±0 | *0.527* |
| **Chemotherapy** EVAIANoVACAVAIAno information | 1 (2)2 (2)12 (12)84 (83)2 (2) | 0091.7±8.087.3±3.8 | ***<0.001*** | 050.0±35.490.9±8.796.1±2.2 | ***<0.001*** | 050.0±69.491.7±15.793.9±5.3 | ***<0.001*** | 00100±094.8±4.9 | ***-*** |
| **Radiotherapy**yesnono information | 89 (88)9 (9)2 (2) | 86.7±3.777.8±13.9 | *0.475* | 96.3±2.177.8±13.9 | *0.107* | 94.2±4.977.8±27.2 | *0.102* | 93.8±5.3100±0 | *0.438* |
| **Best surgery**R0R1no information | 23 (23)70 (69) | 91.1±6.084.7±4.5 | *0.381* | 95.7±4.393.8±3.0 | *0.916* | 95.7±8.491.2±6.7 | *0.525* | 95.2±9.095.1±5.5 | *0.989* |
|  | **Median**  | **EFS (range)**6.3 (0.3-16.4) | **OS (range)**7.1 (0.5-16.4) |  **LRFS (range)**6.7 (0.3-16.4)  | **MFS (range)**6.5 (0.5-16.4) |

Bold values indicate statistical significance