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| --- | --- | --- | --- | --- |
| **Variables** | **Univariate analysis**  **Hazard ratio (95% CI)** | **p value** | **Multivariate analysis**  **Hazard ratio (95% CI)** | **p value** |
| Gender male vs female | 2.436 (0.741-8.011) | 0.143 |  |  |
| Age (continuous) | 0.996 (0.951-1.043) | 0.871 |  |  |
| Histologic subtype DDLPS vs WDLPS & others | 5.911 (1.308-26.718) | 0.021 | 6.248 (1.362-28.671) | 0.018 |
| Perirenal location yes vs no | 1.396 (0.377-5.169) | 0.617 |  |  |
| Multifocality yes vs no | 2.698 (0.870-8.361) | 0.085 |  |  |
| FNCLCC grade 2 & 3 vs 1 | 9.651 (1.250-74.532) | 0.030 |  |  |
| Resection margin R2 vs R0 & R1 | 6.806 (1.951-23.747) | 0.003 | 7.347 (2.026-26.645) | 0.002 |
| Organ invasion yes vs no | 4.371 (1.201-15.916) | 0.025 |  |  |
| Contiguously involved organ resection yes vs no | 1.806 (0.555-5.880) | 0.326 |  |  |
| Nephrectomy yes vs no | 1.230 (0.404-3.748) | 0.715 |  |  |
| Tumor size (continuous) | 0.995 (0.937-1.057) | 0.873 |  |  |

**Table 2**

Univariate and multivariate analyses to determine predictors of overall survival in patients with retroperitoneal liposarcoma who underwent primary resection.