**Table.** Univariate analysis for locoregional control (LC), overall survival (OS), disease free survival (DFS) for entire cohort.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **LC** | | **OS** | | **DFS** | |
| **Covariate** | **HR (95%CI)** | ***p*** | **HR (95%CI)** | ***p*** | **HR (95%CI)** | ***p*** |
| **Age (years)** |  |  |  |  |  |  |
| **<60** | 1 | <0.001 | 1 | <0.001 | 1 | <0.001 |
| **≥60** | 3.28 (1.72–6.26) |  | 3.04 (2.13–4.35) |  | 2.66 (1.96–3.61) |  |
| **Histology** |  |  |  |  |  |  |
| **Endometrioid** | 1 | 0.01 | 1 | <0.001 | 1 | <0.001 |
| **Non-endometrioid** | 2.05 (1.19–3.53) |  | 2.34 (1.72–3.20) |  | 2.05 (1.55–2.69) |  |
| **Grade** |  |  |  |  |  |  |
| **I–II** | 1 | 0.001 | 1 | <0.001 | 1 | <0.001 |
| **III** | 2.68 (1.48–4.84) |  | 2.08 (1.54–2.81) |  | 2.00 (1.51–2.66) |  |
| **LVSI** |  |  |  |  |  |  |
| **Yes** | 1 | 0.03 | 1 | <0.001 | 1 | 0.001 |
| **No** | 0.49 (0.25–0.94) |  | 0.44 (0.30–0.65) |  | 0.59 (0.43–0.82) |  |
| **Myometrial invasion** |  |  |  |  |  |  |
| **≥1/2** | 1 | 0.08 | 1 | 0.004 | 1 | 0.001 |
| **<1/2** | 0.50 (0.24–1.08) |  | 0.53 (0.35–0.81) |  | 0.54 (0.38–0.78) |  |
| **Cervical glandular invasion** |  |  |  |  |  |  |
| **Yes** | 1 | 0.24 | 1 | 0.41 | 1 | 0.49 |
| **No** | 0.71 (0.40–1.25) |  | 1.16 (0.82–1.63) |  | 0.90 (0.67–1.22) |  |
| **Cervical stromal invasion** |  |  |  |  |  |  |
| **Yes** | 1 | 0.66 | 1 | 0.001 | 1 | 0.001 |
| **No** | 0.66 (0.37–1.17) |  | 0.57 (0.40–0.79) |  | 0.61 (0.45–0.82) |  |
| **Stage** |  |  |  |  |  |  |
| **I–II** | 1 | 0.24 | 1 | 0.03 | 1 | 0.01 |
| **III** | 1.47 (0.84–2.59) |  | 1.43 (1.04–1.97) |  | 1.45 (1.09–1.92) |  |
| **Lymph node metastasis** |  |  |  |  |  |  |
| **Yes** | 1 | 0.001 | 1 | <0.001 | 1 | <0.001 |
| **No** | 0.46 (0.26–0.79) |  | 0.46 (0.33–0.62) |  | 0.49 (0.37–0.64) |  |
| **Radiotherapy technique** |  |  |  |  |  |  |
| **3DCRT** | 1 | 0.91 | 1 | 0.18 | 1 | 0.95 |
| **IMRT** | 0.98 (0.57–1.72) |  | 0.80 (0.57–1.11) |  | 0.99 (0.75–1.32) |  |
| **Vaginal BRT** |  |  |  |  |  |  |
| **Yes** | 1 | 0.07 | 1 | 0.008 | 1 | 0.05 |
| **No** | 1.90 (0.96–3.80) |  | 1.67 (1.14–2.44) |  | 1.37 (1.00–1.88) |  |
| **Systemic chemotherapy** |  |  |  |  |  |  |
| **Yes** | 1 | 0.20 | 1 | 0.009 | 1 | 0.001 |
| **No** | 1.43 (0.83–2.47) |  | 1.51 (1.11–2.06) |  | 1.57 (1.19–2.06) |  |

*Abbreviations: LVSI = lymphovascular space invasion, BRT = brachytherapy; 3DCRT = three dimensional conformal radiotherapy; IMRT = intensity-modulated radiotherapy.*