Table S2. Risk Factors Affecting Success Rates for Thermo-expandable stent

|  |  |  |
| --- | --- | --- |
|  | *Primary* | *Overall* |
| *HR* | p*-value* | *HR* | p*-value* |
| Age (yr) | 1.024 | 0.374 | 1.005 | 0.854 |
| Gender |  |  |  |  |
|  Male | 1.000 | ─ | 1.000 | ─ |
|  Female | 2.072 | 0.425 | 0.999 | 0.999 |
| Stricture location |  |  |  |  |
|  Pelvic ureter | 1.000 | ─ | 1.000 | ─ |
|  Non-pelvic uretera | 6.134 | 0.048\* | 2.662 | 0.303 |
| Stricture length (cm) |  |  |  |  |
|  ≤10 cm | 1.000 | ─ | 1.000 | ─ |
|  >10 cm | 6.946 | 0.177 | 0.166 | 0.241 |
| Stent length |  | 0.073 |  |  |
|  <10 cm | 1.000 | ─ |  |  |
|  10–15 cm | 0.704 | 0.706 |  |  |
|  >15 cm | 0.010 | 0.037\* |  |  |
| Prior radiation therapy |  |  |  |  |
|  No | 1.000 | ─ | 1.000 | ─ |
|  Yes | 11.184 | 0.069 | 1.920 | 0.651 |
| Previous PCN |  |  |  |  |
|  No | 1.000 | ─ | 1.000 | ─ |
|  Yes | 10.192 | 0.013\* | 4.390 | 0.087 |
| Balloon dilatation |  |  |  |  |
|  No | 1.000 | ─ | 1.000 | ─ |
|  Yes | 1.436 | 0.662 | 0.532 | 0.524 |

\*Statistically significant (*p* < 0.05)

aupper ureteralstricture only

HR = hazard ratio; PCN = percutaneous nephrostomy