|  |  |  |
| --- | --- | --- |
|  | **SEMINOMA** | **NONSEMINOMA** |
|  | **Relapse group** | **Relapse group** |
| **Characteristics** | **ER** | **LR(+VLR)** |  |  **ER** | **LR (+VLR)** |  |
| **Age, years, median****(IQR)** | 37(31-44) | 35(31-45) |  | 29(25-36) |  32(28-38) |  |
| **Tumour size, median, cm\* (IQR)**  | 4.0(3.0-5.5) | 3.5(2.0-5.5) |  | 3.0(2.0-5.0) | 3.0(2.5-5.0) |  |
| **Vascular invasion****Yes (%)****No (%)****Missing (%)** | 54 (19)127 (44)107 (37) | 8 (10)37 (44)38 (42) |  | 102 (25)156 (39)142 (36) | 5 (25)10 (50)5(25) |  |
| **Invasion of rete testis****Yes (%)****No (%)****Missing (%)** | 121 (42)99 (34)68 (24)  | 36 (43)32 (39)15 (18) |  | 130 (32)148 (37)122 (30) | 4 (20)11 (55)5 (25) |  |
| **Invasion of epididymis****Yes (%)****No (%)****Missing (%)** | 36 (13)204 (71)48 (17) | 10 (12)63 (76)10 (12) |  | 23 (6)271 (68)106 (26) | 1(5)17 (85)2 (10) |  |
| **hCG elevation****Yes (%)****No (%)****Missing (%)** | 35 (12)240 (83)13 (5) | 9 (11)69 (83)5 (6) |  | 159 (40)220 (55)21 (5) | 4 (20)16 (80)0 (0) |  |
| **AFP elevation****Yes (%)****No (%)****Missing (%)** | 0(0)278 (97)10 (3) | 0(0)78 (94)5 (6) |  | 199 (50)183 (46)18 (4) | 7 (35)13 (65)0 (0) |  |
| **Embryonal carcinoma****Yes (%)****No (%)** | - | - |  | 365 (91)35 (9) | 20 (83)4 (17) |  |
| **Endodermal sinus tumour****Yes (%)****No (%)** | - | - |  | 146 (37)254 (63) | 6 (25)18 (75) |  |
| **Chorionic carcinoma****Yes (%)****No (%)** | - | - |  | 70 (17)330 (83) | 2 (8)22 (92) |  |
| **Teratoma****Yes (%)****No (%)** | - | - |  | 206 (51)194 (49) | 8 (33)16 (67) |  |

Table I: Patient characteristics at time of orchiectomy.

Abbreviations: ER: early relapse, LR(+VLR): late and very late relapses, IQR: interquartile range, hCG: human chorionic gonadotropin, AFP: alpha-fetoprotein. \*Exact tumour size was available for 1688 seminoma patients and 739 nonseminoma patients.