**EJVES15903R**

**Supplementary Table 2. Variables correlated with symptomatic thromboembolic events at 3 months: univariate analysis**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  | **Thromboembolic events** |  |  |  |  |
|  |  | **no**  | **yes** |
|  |  | n=1083 | n=67 | **univariable** |
|  |  | N | % | N | % | Incidence (%) | **HR** | 95% CI | p value |
|   |   |   |   |   |   |   |   |   |   |
|  |  |  |  |  |  |  |  |  |  |
| Age (years) |  |  |  |  |  |  |  |  |  |
|  | mean (SD) | 60.5 (14.5) | 55.2 (15.7) |  | **0.98§** | **0.96 ; 0.99** | **0.005** |
|  | < 60 years | 631 | 58.3 | 45 | 67.2 | 6.7 | 1.00 |  |  |
|  | ≥ 60 years | 452 | 41.7 | 22 | 32.8 | 4.6 | 0.70 | 0.42 ; 1.16 | 0.165 |
|  |  |  |  |  |  |  |  |  |  |
| Sex |  |  |  |  |  |  |  |  |  |
|  | male | 373 | 34.4 | 30 | 44.8 | 7.4 | 1.00 |  |  |
|  | female | 710 | 65.6 | 37 | 55.2 | 5.0 | 0.66 | 0.41 ; 1.07 | 0,092 |
|  |  |  |  |  |  |  |  |  |  |
| BMI (kg/m²) |  |  |  |  |  |  |  |  |  |
|  | mean (SD) | 29.3 (6.3) | 29.9 (6.3) |  | 1.01 | 0.98 ; 1.05 | 0.525 |
|  | < 30 | 683 | 63.1 | 40 | 59.7 | 5.5 | 1.00 |  |  |
|  | ≥ 30 | 400 | 36.9 | 27 | 40.3 | 6.3 | 1.13 | 0.70 ; 1.85 | 0,613 |
|  |  |  |  |  |  |  |  |  |  |
| Prior SVT |  | 314 | 29.0 | 34 | 50.8 | 9.8 | **2.41** | **1.49 ; 3.89** | **<0.001** |
| Prior DVT or PE |  | 162 | 15.0 | 14 | 20.9 | 8.0 | 1.45 | 0.80 ; 2.60 | 0,220 |
| Prior VTE (DVT, PE, SVT) |  | 412 | 38.0 | 38 | 56.7 | 8.4 | **2.05** | **1.26 ; 3.32** | **0,004** |
|  |  |  |  |  |  |  |  |  |  |
| Duration of medical therapy per week | mean (SD) | 30.6 (21.3) | 25.6 (18.7) |  | **0.51** | **0.25 ; 0.99** | **0.025** |
|  |  |  |  |  |  |  |  |  |  |
| Anticoagulant dose |  |  |  |  |  |  |  |  |  |
|  | prophylactic | 815 | 75.3 | 40 | 59.7 | 4.7 | 1.00 |  |  |
|  | intermediate | 151 | 13.9 | 19 | 28.4 | 11.2 | **2.40** | **1.39 ; 4.15** | **0.002** |
|  | therapeutic | 47 | 4.3 | 4 | 6.0 | 7.8 | 1.65 | 0.59 ; 4.62 | 0.337 |
|  | no anticoagulant | 70 | 6.5 | 4 | 6.0 | 5.4 | 1.13 | 0.40 ; 3.16 | 0.814 |
|  |  |  |  |  |  |  |  |  |  |
| Family history VTE |  | 175 | 16.2 | 12 | 17.9 | 6.4 | 1.13 | 0.61 ; 2.11 | 0.701 |
| Varicous veins |  | 820 | 75.7 | 48 | 71.6 | 5.5 | 0.80 | 0.47 ; 1.36 | 0.412 |
| Malignancy with or without tamoxifen | 74 | 6.8 | 8 | 11.9 | 9.8 | 1.80 | 0.86 ; 3.78 | 0.117 |
| Hormone replacement therapy\* | 76 | 10.7 | 7 | 18.9 | 8.4 | 1.87 | 0.82 ; 4.26 | 0.135 |
| Smoking |  | 178 | 16.4 | 9 | 13.4 | 4.8 | 0.80 | 0.39 ; 1.61 | 0.523 |
| Chronic inflammation |  | 56 | 5.2 | 2 | 3.0 | 3.5 | 0.56 | 0.14 ; 2.28 | 0.416 |
| Thrombophilia |  | 50 | 4.6 | 7 | 10.5 | 12.3 | **2.20** | **1.01 ; 4.81** | **0.048** |
| Arterial risk factors |  | 570 | 52.6 | 30 | 44.8 | 5.0 | 0.73 | 0.45 ; 1.19 | 0.207 |
| Heart failure |  | 29 | 2.7 | 1 | 1.5 | 3.3 | 0.57 | 0.08 ; 4.08 | 0.572 |
| Respiratory insufficiency |  | 33 | 3.1 | 2 | 3.0 | 5.7 | 0.98 | 0.24 ; 4.02 | 0.983 |
|  |  |  |  |  |  |  |  |  |  |
| Localisation of SVT |  |  |  |  |  |  |  |  |  |
|  | above knee | 283 | 26.7 | 15 | 24.2 | 5.0 | 1.00 |  |  |
|  | below knee | 583 | 55.0 | 31 | 50.0 | 5.1 | 0.99 | 0.53 ; 1.83 | 0.973 |
|  | above and below knee  | 195 | 18.4 | 16 | 25.8 | 7.6 | 1.47 | 0.73 ; 2.97 | 0.284 |
|  |  |  |  |  |  |  |  |  |  |
| Localisation of affected vein |  |  |  |  |  |  |  |  |
|  | V. saphena magna o. parva | 580 | 53.6 | 42 | 62.7 | 6.8 | 1.00 |  |  |
|  |  other superfiicial vein | 454 | 41.9 | 19 | 28.4 | 4.0 | 0.59 | 0.34 ; 1.01 | 0.054 |
|  |  |  |  |  |  |  |  |  |  |
| Distance to sapheno-femoral crossing (cm) |  |  |  |  |  |  |  |
|  | mean (SD) | 26.3 (14.8) | 26.2 (15.8) |  | 1.00 | 0.98 ; 1.02 | 0.918 |
|  | <10 cm | 41 | 9.9 | 7 | 20.0 | 14.6 | 1.00 |  |  |
|  | ≥10 cm | 374 | 90.1 | 28 | 80.0 | 7.0 | 0.46 | 0.20 ; 1.05 | 0.065 |
|  |  |  |  |  |  |  |  |  |  |
| Thrombus length (cm) |  |  |  |  |  |  |  |  |  |
|  | mean (SD) | 26.2 (14.8) | 26.7 (16.3) |  | **1.04** | **1.02 ; 1.05** | **<0.001** |
|  | <20cm | 737 | 68.4 | 35 | 53.0 | 4.5 | 1.00 |  |  |
|  | ≥20cm | 340 | 31.6 | 31 | 47.0 | 8.4 | **1.91** | **1.18 ; 3.09** | **0.009** |
|  |  |  |  |  |  |  |  |  |  |
| Trauma (previous 4 weeks) |  | 44 | 4.1 | 1 | 1.5 | 2.2 | 0.37 | 0.05 ; 2.70 | 0.330 |
| Travel > 6 hours (by car or plane) | 87 | 8.0 | 7 | 10.5 | 7.5 | 1.28 | 0.58 ; 2.79 | 0.540 |
| Major surgery |  | 45 | 4.2 | 2 | 3.0 | 4.3 | 0.76 | 0.19 ; 3.12 | 0.706 |
| Severe systemic infection |  | 9 | 0.8 | 1 | 1.5 | 10.0 | 1.83 | 0.25 ; 13.17 | 0.550 |
| Pregnancy |  | 7 | 0.7 | 1 | 1.5 | 12.5 | 2.15 | 0.30 ; 15.51 | 0.447 |
| Immobilisation and hemiplegia | 43 | 4.0 | 4 | 6.0 | 8.5 | 1.46 | 0.53 ; 4.01 | 0.462 |
|   |   |   |   |   |   |   |   |   |   |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |