Supplementary Methods

Data Source

The Clinical Practice Research Datalink (CPRD) consists of data collected during consultations in primary care in the UK. With primary care or general practitioners being the first point of contact for medical care in the UK, over 98% of the UK population is registered with a GP and most new symptoms or signs are first picked up in primary care. As of September 2018, only 2.7% of the English primary care registered population had opted out of sharing their confidential patient information for research purposes. Both these factors contribute to CPRD data reaching a broad representativeness of the UK population in terms of age, sex, geographical spread and indices of social deprivation, although with respect to social deprivation, the CPRD population has been shown to be slightly less socioeconomically deprived than the wider population in England (mean decile of 2015 IMD 5.3 in CPRD v. 5.5 in the population of England). CPRD data is also broadly representative of ethnicity and BMI within the UK.

At present, CPRD has data for over 13 million current or active patients, which equates to coverage for approximately 20% of the UK population and 15% of UK general practices.

Linked mortality data (date and cause of death) from the Office for National Statistics (ONS), socioeconomic data from the Index of Multiple Deprivation (IMD), and secondary care data from Hospital Episode Statistics (HES) were provided for this study by CPRD for patients in England.

Statistical Analyses

In the calculation of the incidence rate of PAD-related revascularizations over the study period, the numerator consisted of patients who were newly diagnosed with PAD-related low extremity revascularization (PAD-LER) and the denominator included the person-time (in years) when the patient was at-risk of developing the condition (over the time period of interest). In order to ensure that patients with pre-existing revascularization were not included, patients who had undergone a procedure used to treat the disease during the baseline period (in CPRD or HES) were removed from the denominator. Person-time started accruing either on the observation period start date or once the patient had met all the eligibility criteria, whichever came last. Person-time accrued until the incident diagnosis, the patient disenrolled from the practice or the
practice disenrolled from CPRD, the patient died, or the end of the study period. Incidence rates were reported per 1,000 person-years (PYRs) with accompanying 95% confidence intervals.

To estimate the incidence rate and the relative risk of individual PAD complications over the study period, the follow-up time started on the index date (i.e. date of first ever revascularization) and continued until the date of the outcome (i.e. first event for each outcome of interest), death (when it is not the outcome), date of disenrollment in the practice or of the practice in CPRD, or the end of the study. Incidence rates were calculated per 1,000 person-years and 95% confidence intervals were reported.

**Ethics and disclosure statement**

The data is provided by patients and collected by the National Health Service (NHS) as part of their care and support. The interpretation and conclusions contained in this study are those of the authors alone.

A protocol for this research were approved by the Independent Scientific Advisory Committee (ISAC) for MHRA Database Research (protocol number: 20_008R) and the approved protocol was made available to the journal in which this research is published and to the reviewers during peer review. Generic ethical approval for observational research using the CPRD with approval from ISAC has been granted by a Health Research Authority (HRA) Research Ethics Committee (East Midlands – Derby, REC reference number 05/MRE04/87).
### Supplement Table 1. Hospitalizations by age group, history of diabetes, and type of revascularization procedure.

| Primary diagnosis                       | Number (%) of hospitalized patients |
|----------------------------------------|-------------------------------------|
|                                        | <=50 years (n=657)                  |
|                                        | >50 years (n=13,212)                |
|                                        | Diabetes (n=4,175)                  |
|                                        | Non diabetes (n=9,694)              |
|                                        | Open surgery (n=4,691)              |
|                                        | Endovascular (n=9,178)              |
| All-cause                              | 616 (93.8)                          |
|                                        | 12,398 (93.8)                       |
|                                        | 3,907 (93.6)                        |
|                                        | 9,107 (93.9)                        |
|                                        | 4,261 (90.8)                        |
|                                        | 8,753 (95.4)                        |
| CV                                     | 549 (83.6)                          |
|                                        | 10,518 (79.6)                       |
|                                        | 3,262 (78.1)                        |
|                                        | 7,805 (80.5)                        |
|                                        | 3,385 (72.2)                        |
|                                        | 7,682 (83.7)                        |
| PAD                                    | 408 (62.1)                          |
|                                        | 6,910 (52.3)                        |
|                                        | 2,096 (50.2)                        |
|                                        | 5,222 (53.9)                        |
|                                        | 2,282 (48.7)                        |
|                                        | 5,036 (54.9)                        |
| Revascularization re-occurrence        | 258 (39.3)                          |
|                                        | 4,360 (33.0)                        |
|                                        | 1,491 (35.7)                        |
|                                        | 3,127 (32.3)                        |
|                                        | 1,735 (37.0)                        |
|                                        | 2,883 (31.4)                        |
| Acute limb ischemia                    | 174 (26.5)                          |
|                                        | 3,171 (24.0)                        |
|                                        | 1,040 (24.9)                        |
|                                        | 2,305 (23.8)                        |
|                                        | 1,040 (22.2)                        |
|                                        | 2,305 (25.1)                        |
| Amputation                             | 90 (13.7)                           |
|                                        | 1,492 (11.3)                        |
|                                        | 819 (19.6)                          |
|                                        | 763 (7.9)                           |
|                                        | 657 (14.0)                          |
|                                        | 925 (10.1)                          |
| Myocardial infarction                  | 48 (7.3)                            |
|                                        | 818 (6.2)                           |
|                                        | 360 (8.6)                           |
|                                        | 506 (5.2)                           |
|                                        | 304 (6.5)                           |
|                                        | 562 (6.1)                           |
| Stroke                                 | 33 (5.0)                            |
|                                        | 729 (5.5)                           |
|                                        | 263 (6.3)                           |
|                                        | 499 (5.2)                           |
|                                        | 285 (6.1)                           |
|                                        | 477 (5.2)                           |
| Bleeding                               | 39 (5.9)                            |
|                                        | 667 (5.1)                           |
|                                        | 206 (4.9)                           |
|                                        | 500 (5.2)                           |
|                                        | 257 (5.5)                           |
|                                        | 449 (4.9)                           |
| Venous thromboembolism                 | <10                                  |
|                                        | 114 (0.9)                           |
|                                        | 29 (0.7)                            |
|                                        | 90 (0.9)                            |
|                                        | 41 (0.9)                            |
|                                        | 78 (0.9)                            |

In bold are statistically significant differences among subgroups (P<0.05).

Abbreviations:
CV: cardiovascular; PAD: peripheral artery disease.
Supplemental Table 2. Hospitalizations by history of CAD, smoking status, and history of CKD.

| Primary diagnosis                          | Number (%) of hospitalized patients |
|--------------------------------------------|-------------------------------------|
|                                            | CAD (n=4,151) | Non-CAD (n=9,718) | Current smokers (n=5,197) | Former smokers (n=4,336) | CKD (n=2,485) | Non-CKD (n=11,384) |
| All-cause                                  | 3,898 (93.9)  | 9,116 (93.8)     | 4,878 (93.9)              | 4,119 (95.0)             | 2,302 (92.6)  | 10,712 (94.1)     |
| CV                                         | 3,360 (80.9)  | 7,707 (79.3)     | 4,193 (80.7)              | 3,589 (82.8)             | 1,895 (76.3)  | 9,172 (80.6)      |
| PAD                                        | 2,106 (50.7)  | 5,212 (53.6)     | 2,881 (55.4)              | 2,325 (53.6)             | 1,150 (46.3)  | 6,168 (54.2)      |
| Revascularization re-occurrence            | 1,378 (33.2)  | 3,240 (33.3)     | 1,781 (34.3)              | 1,452 (33.5)             | 728 (29.3)    | 3,890 (34.2)      |
| Acute limb ischemia                        | 991 (23.9)    | 2,354 (24.2)     | 1,277 (24.6)              | 1,120 (25.8)             | 566 (22.8)    | 2,779 (24.4)      |
| Amputation                                 | 465 (11.2)    | 1,117 (11.5)     | 556 (10.7)                | 461 (10.6)               | 343 (13.8)    | 1,239 (10.9)      |
| Myocardial infarction                      | 407 (9.8)     | 459 (4.7)        | 276 (5.3)                 | 317 (7.3)                | 178 (7.2)     | 688 (6.0)         |
| Stroke                                     | 268 (6.5)     | 494 (5.1)        | 256 (4.9)                 | 228 (5.3)                | 131 (5.3)     | 631 (5.5)         |
| Bleeding                                   | 214 (5.2)     | 492 (5.1)        | 249 (4.8)                 | 214 (4.9)                | 159 (6.4)     | 547 (4.8)         |
| Venous thromboembolism                     | 28 (0.7)      | 91 (0.9)         | 39 (0.8)                  | 37 (0.9)                 | 21 (0.9)      | 98 (0.9)          |

In bold are statistically significant differences among subgroups (P<0.05).
Abbreviations:
CAD: coronary artery disease; CKD: chronic kidney disease; CV: cardiovascular; PAD: peripheral artery disease.
**Supplemental Table 3.** Primary reasons of hospitalization related to PAD complications in patients undergoing endovascular revascularization (N=9,178).

| Primary diagnosis                          | Number (%) of hospitalized patients | Length of stay (days) |
|--------------------------------------------|-------------------------------------|------------------------|
|                                            | 1-4 hospitalizations                | 5-9 hospitalizations   | 10+ hospitalizations | Median (IQR) | Mean (SD) |
| All-cause                                  | 8,753 (95.4)                        | 4,535 (51.8)           | 2,344 (26.8)         | 1,874 (21.4) | 10 (42)    | 40.1 (79.5) |
| CV                                         | 7,682 (83.7)                        | 6,882 (89.6)           | 694 (9.0)            | 106 (1.4)    | 2 (12)     | 13.2 (30.6) |
| PAD                                        | 5,036 (54.9)                        | 4,924 (97.8)           | 106 (2.1)            | <10          | 1 (5)      | 8.0 (20.1)  |
| Revascularization re-occurrence            | 2,883 (31.4)                        | 2,683 (93.1)           | 191 (6.6)            | <10          | 4 (15)     | 16.1 (34.1) |
| Acute limb ischemia                        | 2,305 (25.1)                        | 2,275 (98.7)           | 29 (1.2)             | <5           | 1 (4)      | 6.5 (16.2)  |
| Amputation                                 | 925 (10.1)                          | 899 (97.2)             | 26 (2.8)             | –            | 25 (45)    | 43.3 (56.3) |
| Myocardial infarction                      | 562 (6.1)                           | 559 (99.5)             | <5                   | –            | 8 (12)     | 12.1 (14.7) |
| Stroke                                     | 477 (5.2)                           | 477 (100)              | –                    | –            | 14 (36)    | 27.9 (34.7) |
| Bleeding                                   | 449 (4.9)                           | 448 (99.8)             | <5                   | –            | 3 (10)     | 9.8 (16.7)  |
| Venous thromboembolism                     | 78 (0.9)                            | 78 (100)               | –                    | –            | 7 (11)     | 11.3 (18.1) |

Abbreviations: PAD: peripheral artery disease; CV: cardiovascular.
### Supplemental Table 4. Primary reasons of hospitalization related to PAD complications in patients undergoing open-surgery revascularization (N=4,691).

| Primary diagnosis                  | Number (% of hospitalized patients) | 1-4 hospitalizations | 5-9 hospitalizations | 10+ hospitalizations | Length of stay (days) |
|-----------------------------------|-------------------------------------|----------------------|----------------------|----------------------|----------------------|
|                                   |                                     | Median (IQR)         | Mean (SD)            |                      |                      |
| All-cause                         | 4,261 (90.8)                        | 2,142 (50.3)         | 1,218 (28.6)         | 901 (21.1)           | 18 (53)              | 48.7 (82.0)          |
| CV                                | 3,385 (72.2)                        | 2,979 (88.0)         | 346 (10.2)           | 60 (1.8)             | 8 (21)               | 21.4 (35.4)          |
| PAD                               | 2,282 (48.7)                        | 2,190 (96.0)         | 87 (3.8)             | <10                  | 6 (13)               | 15.8 (27.0)          |
| Revascularization re-occurrence   | 1,735 (37.0)                        | 1,560 (89.9)         | 167 (9.6)            | <10                  | 13 (31)              | 30.2 (50.5)          |
| Acute limb ischemia               | 1,040 (22.2)                        | 1,022 (98.3)         | 17 (1.6)             | <5                   | 5 (10)               | 13.0 (22.4)          |
| Amputation                        | 657 (14.0)                          | 648 (98.6)           | <10                  | –                    | 26 (45)              | 44.8 (62.4)          |
| Myocardial infarction             | 304 (6.5)                           | 302 (99.3)           | <5                   | –                    | 8 (12)               | 12.6 (15.2)          |
| Stroke                            | 285 (6.1)                           | 285 (100)            | –                    | –                    | 12 (33)              | 25.0 (30.7)          |
| Bleeding                          | 257 (5.5)                           | 256 (99.6)           | <5                   | –                    | 3 (11)               | 10.2 (20.7)          |
| Venous thromboembolism            | 41 (0.9)                            | 41 (100)             | –                    | –                    | 6 (8)                | 12.8 (20.9)          |

Abbreviations: PAD: peripheral artery disease; CV: cardiovascular.
**Supplemental Table 5.** GP visits by age group, history of diabetes, and type of revascularization procedure.

| Reason                              | <=50 years (n=657) | >50 years (n=13,212) | Diabetes (n=4,175) | Non diabetes (n=9,694) | Open surgery (n=4,691) | Endovascular (n=9,178) |
|-------------------------------------|--------------------|----------------------|--------------------|------------------------|------------------------|-------------------------|
| PAD                                 | 439 (66.8)         | 7,569 (57.3)         | 2,236 (53.6)       | 5,772 (59.5)           | 2,541 (54.2)           | 5,467 (59.6)            |
| Acute limb ischemia                 | 87 (13.2)          | 1,653 (12.5)         | 619 (14.8)         | 1,121 (11.6)           | 838 (17.9)             | 902 (9.8)               |
| Stroke                              | 53 (8.1)           | 1,344 (10.2)         | 431 (10.3)         | 966 (10.0)             | 538 (11.5)             | 859 (9.4)               |
| Bleeding                            | 73 (11.1)          | 1,228 (9.3)          | 371 (8.9)          | 930 (9.6)              | 441 (9.4)              | 860 (9.4)               |
| Revascularization re-occurrence     | 90 (13.7)          | 1,467 (11.1)         | 467 (11.2)         | 1,090 (11.2)           | 465 (9.9)              | 1,092 (11.9)            |
| Amputation                          | 78 (11.9)          | 1,393 (10.5)         | 796 (19.1)         | 675 (7.0)              | 607 (12.9)             | 864 (9.4)               |
| Myocardial infarction               | 41 (6.2)           | 843 (6.4)            | 347 (8.3)          | 537 (5.5)              | 317 (6.8)              | 567 (6.2)               |
| CV                                  | 42 (6.4)           | 795 (6.0)            | 249 (6.0)          | 588 (6.1)              | 270 (5.8)              | 567 (6.2)               |
| Venous thromboembolism              | 26 (4.0)           | 523 (4.0)            | 139 (3.3)          | 410 (4.2)              | 209 (4.5)              | 340 (3.7)               |

In bold are statistically significant differences among subgroups (P<0.05).

Abbreviations:

GP: general practitioner; PAD: peripheral artery disease; CV: cardiovascular.
Supplemental Table 6. GP visits by history of CAD, smoking status, and history of CKD.

| Reason                              | Number (%) of visited patients | CAD (n=4,151) | Non-CAD (n=9,718) | Current smokers (n=5,197) | Former smokers (n=4,336) | CKD (n=2,485) | Non-CKD (n=11,384) |
|-------------------------------------|--------------------------------|---------------|-------------------|--------------------------|--------------------------|---------------|--------------------|
| PAD                                 | 2,181 (52.5)                  | 5,827 (60.0)  | 3,360 (64.7)      | 2,433 (56.1)             | 1,285 (51.7)              | 6,723 (59.1)  |
| Acute limb ischemia                 | 466 (11.2)                    | 1,274 (13.1)  | 701 (13.5)        | 467 (10.8)               | 331 (13.3)                | 1,409 (12.4)  |
| Stroke                              | 459 (11.1)                    | 938 (9.7)     | 500 (9.6)         | 461 (10.6)               | 272 (11.0)                | 1,125 (9.9)   |
| Bleeding                            | 379 (9.1)                     | 922 (9.5)     | 467 (9.0)         | 462 (10.7)               | 235 (9.5)                 | 1,066 (9.4)   |
| Revascularization re-occurrence     | 391 (9.4)                     | 1,166 (12.0)  | 675 (13.0)        | 467 (10.8)               | 237 (9.5)                 | 1,320 (11.6)  |
| Amputation                          | 431 (10.4)                    | 1,040 (10.7)  | 511 (9.8)         | 439 (10.1)               | 320 (12.9)                | 1,151 (10.1)  |
| Myocardial infarction               | 484 (11.7)                    | 400 (4.1)     | 280 (5.4)         | 334 (7.7)                | 172 (6.9)                 | 712 (6.3)     |
| CV                                  | 323 (7.8)                     | 514 (5.3)     | 242 (4.7)         | 360 (8.3)                | 150 (6.0)                 | 687 (6.0)     |
| Venous thromboembolism              | 149 (3.6)                     | 400 (4.1)     | 203 (3.9)         | 170 (3.9)                | 106 (4.3)                 | 443 (3.9)     |

In bold are statistically significant differences among subgroups (P<0.05).

Abbreviations:
GP: general practitioner; CAD: coronary artery disease; CKD: chronic kidney disease; PAD: peripheral artery disease; CV: cardiovascular.
### Supplemental Table 7. GP visits related to PAD complications in patients undergoing endovascular revascularization (N=9,178).

| Reason                                | Number (%) of visited patients |
|---------------------------------------|---------------------------------|
|                                       | 1-4 visits | 5-9 visits | 10+ visits |
| PAD                                   | 5,467 (59.6) | 3,966 (72.5) | 854 (15.7) | 647 (11.8) |
| Acute limb ischemia                   | 902 (9.8) | 776 (86.0) | 61 (6.8) | 65 (7.2) |
| Stroke                                | 859 (9.4) | 688 (80.1) | 118 (13.7) | 53 (6.2) |
| Bleeding                              | 860 (9.4) | 814 (94.6) | 35 (4.1) | 11 (1.3) |
| Revascularization re-occurrence       | 1,092 (11.9) | 1,048 (96.0) | 29 (2.6) | 15 (1.4) |
| Amputation                            | 864 (9.4) | 717 (83.0) | 94 (10.9) | 53 (6.1) |
| Myocardial infarction                 | 567 (6.2) | 493 (86.9) | 39 (6.9) | 35 (6.2) |
| CV                                    | 567 (6.2) | 511 (90.1) | 52 (9.2) | <5 |
| Venous thromboembolism                | 340 (3.7) | 314 (92.3) | 19 (5.6) | <10 |

**Abbreviations:** PAD: peripheral artery disease; CV: cardiovascular.
**Supplemental Table 8.** GP visits related to PAD complications in patients undergoing open-surgery revascularization (N=4,691).

| Reason                        | Number (%) of visited patients |
|-------------------------------|--------------------------------|
|                               | 1-4 visits | 5-9 visits | 10+ visits |
| PAD                           | 2,541 (54.2) | 1,770 (69.7) | 428 (16.8) | 343 (13.5) |
| Acute limb ischemia           | 838 (17.9)   | 704 (84.0)   | 80 (9.6)    | 54 (6.4)   |
| Stroke                        | 538 (11.5)   | 421 (78.3)   | 78 (14.5)   | 39 (7.2)   |
| Bleeding                      | 441 (9.4)    | 420 (95.2)   | 17 (3.8)    | <5         |
| Revascularization re-occurrence | 465 (9.9)   | 415 (89.2)   | 33 (7.1)    | 17 (3.7)   |
| Amputation                    | 607 (12.9)   | 497 (81.9)   | 69 (11.4)   | 41 (6.7)   |
| Myocardial infarction         | 317 (6.8)    | 274 (86.4)   | 24 (7.6)    | 19 (6.0)   |
| CV                            | 270 (5.8)    | 241 (89.3)   | 27 (10)     | <5         |
| Venous thromboembolism        | 209 (4.5)    | 188 (89.9)   | 16 (7.6)    | <10        |

Abbreviations: PAD: peripheral artery disease; CV: cardiovascular.
Supplemental Table 9. Outpatient and A&E visits related to PAD complications in patients undergoing endovascular revascularization (N=9,178).

| Treatment specialty | 1-4 visits | 5-9 visits | 10+ visits |
|---------------------|------------|------------|------------|
| **Outpatient setting:** |            |            |            |
| Vascular Surgery    | 6,722 (73.2) | 3,912 (58.2) | 1,794 (26.7) | 1,016 (15.1) |
| General Surgery     | 4,501 (49.0) | 3,086 (68.6) | 998 (22.2) | 417 (9.2) |
| Cardiology          | 3,279 (35.7) | 2,307 (70.4) | 564 (17.2) | 408 (12.4) |
| General Medicine    | 1,918 (20.9) | 1,540 (80.3) | 229 (11.9) | 149 (7.8) |
| Urology             | 1,722 (18.8) | 1,174 (68.2) | 341 (19.8) | 207 (12.0) |
| Ear, Nose and Throat (Ent) | 1,485 (16.2) | 1,169 (78.7) | 187 (12.6) | 129 (8.7) |
| Gastroenterology    | 1,348 (14.7) | 1,165 (86.4) | 130 (9.7) | 53 (3.9) |
| Geriatric Medicine  | 999 (10.9) | 862 (86.3) | 101 (10.1) | 36 (3.6) |
| Clinical Haematology | 816 (8.9) | 484 (59.3) | 162 (19.9) | 170 (20.8) |
| Rheumatology        | 784 (8.5) | 520 (66.3) | 135 (17.2) | 129 (16.5) |
| Neurology           | 658 (7.2) | 562 (85.4) | 61 (9.3) | 35 (5.3) |
| Interventional Radiology | 698 (7.6) | 682 (97.7) | 14 (2.0) | <5 |
| Upper Gastrointestinal Surgery | 221 (2.4) | 204 (92.3) | 16 (7.2) | <5 |
| Transient Ischaemic Attack | 180 (2.0) | 179 (99.4) | <5 | – |
| Orthotics           | 229 (2.5) | 177 (77.3) | 41 (17.9) | 11 (4.8) |
| Cardiac Surgery     | 190 (2.1) | 179 (94.2) | <10 | <5 |
| Cardiothoracic Surgery | 199 (2.2) | 182 (91.5) | 16 (8.0) | <5 |
| Accident & Emergency (A&E) | 204 (2.2) | 195 (95.6) | <10 | <5 |
| Stroke Medicine     | 111 (1.2) | 109 (98.2) | <5 | – |
| Cardiac Rehabilitation | 48 (0.5) | 32 (66.7) | 10 (20.8) | <10 |
| Prosthetics          | 21 (0.2) | 10 (47.6) | <5 | <10 |
| Radiology           | <10 | <10 | – | – |

**Accident and emergency:**

|                           |            |            |            |
|---------------------------|------------|------------|------------|
| All-causes                | 5,478 (59.7) | 3,993 (72.9) | 1,020 (18.6) | 465 (8.5) |
| Cardiac conditions        | 1,088 (11.8) | 1,051 (96.6) | 29 (2.7) | <10 |
| Respiratory conditions (non-asthma) | 809 (8.8) | 765 (94.6) | 36 (4.4) | <10 |
| Condition                                | Count  | Percent | Count | Percent | Count | Percent |
|-----------------------------------------|--------|---------|-------|---------|-------|---------|
| Urological conditions                   | 571    | 6.2     | 556   | 97.4    | 13    | 2.3     |
| Vascular injury/Other vascular conditions| 406    | 4.4     | 405   | 99.7    | <5    |         |
| Cerebro-vascular conditions             | 330    | 3.6     | 328   | 99.4    | <5    |         |
| Myocardial ischaemia/Infarction         | 309    | 3.4     | 301   | 97.4    | <10   | <5      |
| Central nervous system conditions       | 214    | 2.3     | 213   | 99.5    | <5    |         |
| ENT conditions                          | 159    | 1.7     | 159   | 100     | –     | –       |
| Gastrointestinal haemorrhage            | 112    | 1.2     | 112   | 100     | –     | –       |
| Amputation                              | <5     |         | <5    |         | –     | –       |

Abbreviations:
A&E: accident and emergency; PAD: peripheral artery disease; ENT: ear, nose and throat.
### Supplemental Table 10. Outpatient and A&E visits related to PAD complications in patients undergoing open-surgery revascularization (N=4,691).

| Treatment specialty                  | Number (%) of visited patients |
|--------------------------------------|---------------------------------|
|                                      | 1-4 visits | 5-9 visits | 10+ visits |
| **Outpatient setting:**              |            |            |            |
| Vascular Surgery                     | 3,450 (73.5) | 1,792 (51.9) | 998 (28.9) | 660 (19.2) |
| General Surgery                      | 2,506 (53.4) | 1,570 (62.6) | 626 (25.0) | 310 (12.4) |
| Cardiology                           | 1,619 (34.5) | 1,162 (71.8) | 289 (17.8) | 168 (10.4) |
| General Medicine                     | 1,013 (21.6) | 820 (81.0)   | 130 (12.8) | 63 (6.2)   |
| Urology                              | 865 (18.4) | 593 (68.6)   | 174 (20.1) | 98 (11.3)  |
| Ear, Nose and Throat (Ent)           | 711 (15.2) | 588 (82.7)   | 75 (10.5)  | 48 (6.8)   |
| Gastroenterology                     | 637 (13.6) | 549 (86.2)   | 71 (11.1)  | 17 (2.7)   |
| Geriatric Medicine                   | 544 (11.6) | 480 (88.2)   | 36 (6.6)   | 28 (5.2)   |
| Clinical Haematology                 | 473 (10.1) | 291 (61.5)   | 64 (13.5)  | 118 (25.0) |
| Rheumatology                         | 343 (7.3)  | 231 (67.3)   | 60 (17.5)  | 52 (15.2)  |
| Neurology                            | 343 (7.3)  | 298 (86.9)   | 91 (2.7)   | 14 (4.1)   |
| Interventional Radiology             | 159 (3.4)  | 157 (98.7)   | <5         | –          |
| Upper Gastrointestinal Surgery       | 128 (2.7)  | 119 (93.0)   | <10        | <5         |
| Transient Ischaemic Attack           | 143 (3.1)  | 142 (99.3)   | <5         | –          |
| Orthotics                            | 94 (2.0)   | 77 (81.9)    | 13 (13.8)  | <5         |
| Cardiac Surgery                      | 120 (2.6)  | 116 (96.7)   | <5         | <5         |
| Cardiothoracic Surgery               | 111 (2.4)  | 101 (91.0)   | <10        | <5         |
| Accident & Emergency (A&E)           | 99 (2.1)   | 94 (95.0)    | <5         | <5         |
| Stroke Medicine                      | 80 (1.7)   | 75 (93.8)    | <5         | <5         |
| Cardiac Rehabilitation               | 24 (0.5)   | 12 (50.0)    | <10        | <10        |
| Prosthetics                          | 17 (0.4)   | <10          | <5         | <10        |
| Radiology                            | <10        | <10          | –          | –          |
| **Accident and emergency:**          |            |            |            |
| All-causes                           | 2,825 (60.2) | 2,063 (73.0) | 537 (19.0) | 225 (8.0)  |
| Cardiac conditions                   | 526 (11.2) | 506 (96.2)   | 16 (3.0)   | <5         |
| Respiratory conditions (non-asthma)  | 419 (8.9)  | 406 (96.9)   | 12 (2.9)   | <5         |
| Condition                                | A&E (N) | PAD (N) | ENT (N) | Gastrointestinal haemorrhage (N) | Amputation (N) |
|------------------------------------------|---------|---------|---------|----------------------------------|----------------|
| Urological conditions                    | 300 (6.4)| 291 (97.0)| <10     | <5                               | <5             |
| Vascular injury/Other vascular conditions| 326 (6.9)| 324 (99.4)| <5      | <5                               | –              |
| Cerebro-vascular conditions              | 207 (4.4)| 206 (99.5)| <5      | <5                               | –              |
| Myocardial ischaemia/Infarction          | 155 (3.3)| 151 (97.4)| <5      | <5                               | –              |
| Central nervous system conditions        | 105 (2.2)| 104 (99.1)| <5      | <5                               | –              |
| ENT conditions                           | 90 (1.9)| 89 (98.9)| <5      | <5                               | –              |
| Gastrointestinal haemorrhage             | 70 (1.5)| 70 (100)| –       | <5                               | –              |
| Amputation                               | <10     | <10     | –       | –                                | –              |

**Abbreviations:**

A&E: accident and emergency; PAD: peripheral artery disease; ENT: ear, nose and throat.
Supplementary references

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