|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Outcome** | **Number of patients** | **Description** | | |
| Survival for 3 years | N=597 (85.9%) |  | | |
| Survival for 12 months | N=659 (94.8%) |  | | |
| Early mortality (<30 days) | N=8 (1.15%) |  | | |
| Mortality before 90 days | N=12 (1.7%) |  | | |
| All early complications excluding Type 2 endoleaks | N=199 (29%) | Operative  Operative complication (26)  Vessel complication (31)  Misplaced deployment (17)  Failed deployment (6)  Distal emboli (3)  Failed access (2)  Twist/kink/obstruction (11) | Graft related  Type 1 endoleak (43)  Type 3 endoleak (15)  Type 4 endoleak (2)  Migration (2)  Graft thrombosis (11)  Other graft complication (4) | Access site  Bleeding (63)  Arterial thrombosis (4)  Peripheral emboli (2)  Other (15) |
| Early graft complications | N=38 (5.5%) | Migration (2)  Infection (1)  Thrombosis (11)  Occlusion (10)  Stenosis (14)  Kinking (15) |  |  |
|  |  |  |  |  |
| Early operative complications | N=75 (10.8%) | Operative complication (26)  Vessel complication (31)  Misplaced deployment (17)  Failed deployment (6)  Distal emboli (3)  Failed access (2)  Twist/kink/obstruction (11) |  |  |
| Late complications | N=260 (37.4%) | Type 1 endoleak (20)  Type 2 endoleak with sac size increase >5mm (27)  Type 3 endoleak (6)  Type 4 endoleak (1)  All-cause mortality (167) |  |  |
| Late graft complications | N=80 (12.3%) | Kinking (16)  Migration (12)  Stenosis (41)  Graft thrombosis (24)  Bleeding (1)  Occlusion (13)  Rupture (2) |  |  |
| Early endoleak (Types 1, 3 & 4) | N=57 (8.3%) | Type 1 (43)  Type 3 (15)  Type 4 (2) |  |  |
| Late endoleak (Types 1, 3 & 4) | N=27 (4.2%) | Type 1 (20)  Type 3 (6)  Type 4 (1) |  |  |
| Type 2 endoleak with increase in sac size >5mm | N=27 (4.2%) |  |  |  |

Table 2:

Incidence of rare graft complications and definitions of how the complications were combined for data modelling.