Table 14. Final health outcomes in observational studies evaluating venous thromboembolism prophylaxis in major orthopedic surgery

| Study, Year  | Group | Symptomatic objectively confirmed VTE n/N  | Major VTEn/N | Fatal PE n/N | Nonfatal PE n/N  | PE n/N  | PTSn/N  | Mortality n/N | Mortality due to bleeding n/N  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Bozic, 2010  | Warfarin | --- | --- | --- | --- | --- | --- | 54/51923 | --- |
|  | Aspirin | --- | --- | --- | --- | --- | --- | 9/4719 | --- |
| Gerkens, 2010 | Enoxaparin | --- | --- | --- | --- | --- | --- | 149/6700 | 18/6700 |
|  | Fondaparinux | --- | --- | --- | --- | --- | --- | 1/122 | 0/122 |
|  | Control | --- | --- | --- | --- | --- | --- | 13/115 | 1/115 |
| Cusick, 2009 THR  | Aspirin | --- | --- | 1/2094 | 27/4060\* | --- | --- | 5/2094 | --- |
|  | Warfarin | --- | --- | 0/6 | 0/11\* | --- | --- | 0/6 | --- |
|  | Control | --- | --- | 0/86 | 0/136\* | --- | --- | 0/86 | --- |
| Cusick, 2009 TKR  | Aspirin | --- | --- | 2/1966 |  | --- | --- | 8/1966 | --- |
|  | Warfarin | --- | --- | 0/5 |  | --- | --- | 0/5 | --- |
|  | Control | --- | --- | 0/50 |  | --- | --- | 0/50 | --- |
| Froimson, 2009  | IPC (ActiveCare) | --- | --- | 0/223 | 0/223 | --- | --- | 0/223 | 0/223 |
|  | IPC (Flowtron) | --- | --- | 0/1354 | 9/1354 | --- | --- | 0/1354 | 0/1354 |
| Shorr, 2007 | Fondaparinux | --- | --- | --- | --- | --- | --- | 75/12532 | --- |
|  | Enoxaparin or dalteparin | --- | --- | --- | --- | --- | --- | 1253/113936 | --- |
|  | UFH | --- | --- | --- | --- | --- | --- | 403/18338 | --- |
|  | Control | --- | --- | --- | --- | --- | --- | --- | --- |
| Sachs, 2003 | Warfarin | --- | --- | --- | --- | --- | --- | 1/957 | --- |
|  | Control | --- | --- | --- | --- | --- | --- | 2/785 | --- |

\* The nonfatal PE data reflect the entire study population. THR and TKR was not broken down.

Abbreviations: IPC=intermittent pneumatic compression; PE=pulmonary embolism; PTS=post-thrombotic syndrome; THR=total hip replacement; TKR=total knee replacement; UFH=unfractionated heparin; VTE=venous thromboembolism