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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Author** | **Year** | **Patients** | **Design** | **Treatment** | **Indication** | **Age** | **Observation period**&& | **Mortality\*** | **TE events\*** | **Major bleedings\*** | **Time in target range** |
| Nagler M et al | 2013 | 1221 | Cohort | PSM | AF°°, VTE++, MHV\*\*, | 53.7° | 51.6° | 1.4 | 1.0# | 1.2 | 80.0%° |
| Matchar DB et al[[1](#_ENREF_1)] | 2010 | 1463 / 1452 | RCT | PST## vs. AC§ | AF, MHV | 66.6+ / 67.4+ | 36+ | 3.4 / 3.7 | 2.2 / 2.4 | 4.0 / 4.7 | 66.2% |
| Patel MR et al[[2](#_ENREF_2)] (ROCKET AF) | 2011 | 7131 / 7133 | RCT | Rivaroxaban vs. Warfarin usual care | AF | 73+ / 73+ | 19.7° | 1.9 / 2.2 | 3.1§§ / 3.6§§ | 3.6 / 3.4 | 55%+ |
| Connolly SJ et al[[3](#_ENREF_3)] (RE-LY) | 2009 | 6015 / 6076 / 6022 | RCT | Dabigatran 110 mg vs. 150 mg vs. Warfarin usual care | AF | 71.4+ / 71.5+ / 71.6+ | 24.0° | 3.8 / 3.6 / 4.1 | 2.4$ / 2.0$ / 2.3$ | 2.7 / 3.1 / 3.4 | 64%° |
| Granger CB et al[[4](#_ENREF_4)] (ARISTOTLE) | 2011 | 9120 / 9081 | RCT | Apixaban vs. Warfarin usual care | AF | 70° / 70° | 21.6° | 3.5 / 3.9 | 1.8$$ / 2.3$$ | 2.1 / 3.1 | 66%° / 62%+ |
| Cannegieter SC et al[[5](#_ENREF_5)] | 1995 | 1608 | Cohort | VKA | MHV | 50 – 69 (62% of the patients) | 48+ | 3.9 | 0.7\*\*\* | 2.7 | 61% |
| Koertke H et al[[6](#_ENREF_6)] | 2007 | 2673 | RCT | Low dose vs. conventional dose PSM | MHV | 59.2 / 60.0 | 24 | 2.9 | 0.5& | 2.4& | 77% / 75% |
| Ridker PM et al[[7](#_ENREF_7)] (PREVENT) | 2003 | 253 / 253 | RCT | Placebo vs. Warfarin$$$ | Recurrent VTE | 53 / 53 | 25.2+ | 1.4 / 0.7 | 7.2+++ / 2.6+++ | 0.4 / 0.9 | n.s. |

\* per 100 patient-years; # thromboembolic events and unclear death; ° median; +mean; § anticoagulation clinic; ++ venous thromboembolism; \*\* mechanical heart valve; °° atrial fibrillation; ## patient self-testing; §§ stroke or systemic embolism only; $ stroke, systemic embolism, myocardial infarction and pulmonary embolism; $$ stroke, systemic embolism, myocardial infarction and pulmonary embolism; \*\*\*cerebral infarction, peripheral embolism and valve thrombosis only; +++ venous thromboembolism only; $$$ anticoagulation clinic?; & only major complications, that required hospitalization; && month

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