Appendix Table F-4. Study characteristics—KQ 4

| **Study** | **Study Design; Setting; Location;**  **Quality** | **Total N;**  **Interventions (N)** | **Mean Age** | **Type of AF: (Permanent, Paroxysmal, Persistent)** | **Mean Duration of AF** | **Special Popula-tion** | **HF** | **Mean LVEF (%)** | **CAD** | **Outcomes Assessed** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Alp, 2000[27](#_ENREF_27) | RCT;  NR;  UK;  Fair | Total N: 59  Arm 1: AL/AP (30)  Arm 2: AP/AL (29) | Arm 1:  67.8  (SD 8.1)  Arm 2:  66.8  (SD 7.9) | Arm 1:  0, 0, 100%  Arm 2:  0, 0, 100% | Arm 1:  23 wk  Arm 2:  31 wk | Persistent AF | NR | Arm 1:  52  (SD 17)  Arm 2:  50  (SD 12) | Arm 1:  6N  Arm 2:  3N | Restoration of sinus rhythm (conversion) |
| Capucci, 2000[1](#_ENREF_1) | RCT;  Inpatient;  Europe;  Fair | Total N: 61  Arm 1: Amiodarone (31)  Arm 2: Digoxin (30) | Arm 1:  59  (SD 15)  Arm 2:  58  (SD 10) | Arm 1:  0, 0, 100%  Arm 2:  0, 0, 100% | Arm 1:  16.3 wk  (SD 6)  Arm 2:  18 wk  (SD 5) | Persistent AF | NR | Arm 1:  49 (SD 8)  Arm 2:  50 (SD 5) | Arm 1:  4N  Arm 2:  5N | Restoration of sinus rhythm (conversion), Recurrence of AF,  Control of ventricular rate |
| Joglar, 2000[28](#_ENREF_28) | RCT;  Outpatient;  US;  Good | Total N: 64  Arm 1: DCC 100 (NR)  Arm 2: DCC 200 (NR)  Arm 3: DCC 360 (NR) | Total: 62  (SD 11) | Total:  0, 0, 100% | NR | Persistent AF | Total: 14N | NR | NR | Restoration of sinus rhythm (conversion) |
| Joseph, 2000[29](#_ENREF_29) | RCT;  ER;  Australia/NZ;  Fair | Total N: 115  Arm 1: Digoxin (36)  Arm 2: Amiodarone (39)  Arm 3: Sotalol (40) | Arm 1:  64.9  (SE 2)  Arm 2:  61.3  (SE 2.6)  Arm 3:  62.8  (SE 2.4) | NR | NR | None | NR | NR | Arm 1:  3N  Arm 2:  8N  Arm 3:  7N | Restoration of sinus rhythm (conversion) |
| Villani, 2000[30](#_ENREF_30) | RCT;  Outpatient;  Europe;  Fair | Total N: 120  Arm 1: Diltiazem (46)  Arm 2: Amiodarone (44)  Arm 3: Digoxin (30) | Arm 1:  59  (SD 3)  Arm 2:  58  (SD 7)  Arm 3:  56  (SD 5) | Arm 1:  0, 0, 100%  Arm 2:  0, 0, 100%  Arm 3:  0, 0, 100% | Arm 1:  18.0 wk  (SD 5)  Arm 2:  16.3 wk  (SD 6)  Arm 3:  16 wk  (SD 3) | Persistent AF | NR | Arm 1:  50 (SD 5)  Arm 2:  49 (SD 8)  Arm 3:  52 (SD 5) | Arm 1:  5N  Arm 2:  4N  Arm 3:  2N | Restoration of sinus rhythm (conversion), Recurrence of AF |
| Ricard, 2001[31](#_ENREF_31) | RCT;  NR;  Europe;  Fair | Total N: 57  Arm 1: Monophasic (30)  Arm 2: Biphasic (27) | Arm 1:  69  (SD 10)  Arm 2:  66  (SD 12) | Arm 1:  0, 2N, 0  Arm 2:  0, 2N, 0 | NR | None | NR | Arm 1:  58 (SD 10)  Arm 2:  56  (SD 11) | Arm 1:  6N  Arm 2:  2N | Restoration of sinus rhythm (conversion) |
| Van Noord, 2001[32](#_ENREF_32)  (VERDICT) | RCT;  NR;  Europe;  Poor | Total N: 97  Arm 1: Verapamil (48)  Arm 2: Digoxin (49) | Arm 1:  66  (SD 13)  Arm 2:  66  (SD 11) | Total:  0, 0, 100%  Arm 1:  0, 0, 100%  Arm 2:  0, 0, 100% | Arm 1:  Median  18 days  Arm 2:  Median  21 days | Persistent AF | NR | NR | Arm 1:  12N  Arm 2:  8N | Restoration of sinus rhythm (conversion), Recurrence of AF |
| De Simone, 2002[33](#_ENREF_33) | RCT;  Inpatient;  Europe;  Poor | Total N: 88  Arm 1: Verapamil + DCC (43)  Arm 2: DCC (45) | Arm 1:  60  (SD 11)  Arm 2:  60  (SD 12) | NR | Arm 1:  94 days  (SD 79)  Arm 2:  87 days  (SD 65) | None | NR | Arm 1:  50  (SD 8.1)  Arm 2:  50 (SD 7) | Arm 1:  6N  Arm 2:  7N | Recurrence of AF |
| Kirchhof, 2002[34](#_ENREF_34) | RCT;  Outpatient;  Europe;  Good | Total N: 108  Arm 1: AP (52)  Arm 2: AL (56) | Arm 1:  62  (SD 2)  Arm 2:  58  (SD 2) | Arm 1:  0, 0, 100%  Arm 2:  0, 0, 100% | Arm 1:  Median 5 mo  (IQR, 0.1 to 120)  Arm 2:  Median 4 mo  (IQR, 0.1 to 120 | Persistent AF | Arm 1:  7N  Arm 2:  13N | NR | Arm 1:  13N  Arm 2:  14N | Restoration of sinus rhythm (conversion) |
| Page, 2002[35](#_ENREF_35) | RCT;  NR;  US, Europe;  Good | Total N: 203  Arm 1: Monophasic (107)  Arm 2: Biphasic (96) | Arm 1:  65  (SD 13)  Arm 2:  65  (SD 14) | NR | NR | None | Arm 1:  31%  Arm 2:  31% | NR | Arm 1:  19%  Arm 2:  24% | Restoration of sinus rhythm (conversion) |
| Rashba, 2002[36](#_ENREF_36) | RCT;  NR;  US;  Fair | Total N: 110  Arm 1: Standard (55)  Arm 2: Reverse (55) | NR | Total:  0, 0, 100%  Arm 1:  0, 0, 100%  Arm 2:  0, 0, 100% | NR | Persistent AF | NR | NR | NR | Restoration of sinus rhythm (conversion) |
| Boos, 2003[37](#_ENREF_37) | RCT;  NR;  UK;  Fair | Total N: 107  Arm 1: Initial 360 DCC (50)  Arm 2: Initial 200 DCC (57) | Arm 1:  64.4  (SD 10.5)  Arm 2:  67.7  (SD 9.6) | Total:  0, 0, 100%  Arm 1:  0, 0, 100%  Arm 2:  0, 0, 100% | NR | Persistent AF | NR | NR | Arm 1:  24%  Arm 2:  25% | Restoration of sinus rhythm (conversion) |
| Khaykin, 2003[38](#_ENREF_38) | RCT;  Inpatient;  Canada;  Good | Total N: 56  Arm 1: Monophasic (28)  Arm 2: Biphasic (28) | Arm 1:  59.7  (SD 10.8)  Arm 2:  58.3  (SD 14.6) | NR | Arm 1:  26 wk  (SD 19)  Arm 2:  24 wk  (SD 18) | Previously failed a rate- or rhythm-control pharmaco-logical therapy strategy | NR | NR | NR | Restoration of sinus rhythm (conversion) |
| Manios, 2003[39](#_ENREF_39) | RCT;  NR;  Europe;  Fair | Total N: 106  Arm 1: Diltiazem (35)  Arm 2: Amiodarone (34)  Arm 3: Placebo (37) | Arm 1:  64  (SD 8)  Arm 2:  66  (SD 7)  Arm 3:  62  (SD 11) | Total:  0, 0, 100%  Arm 1:  0, 0, 100%  Arm 2:  0, 0, 100%  Arm 3:  0, 0, 100% | Arm 1:  37 mo  (SD 35)  Arm 2:  35 mo  (SD 29)  Arm 3:  32 mo  (SD 34) | Persistent AF | NR | Arm 1:  61  (SD 8.6)  Arm 2:  59  (SD 6.3)  Arm 3:  62  (SD 6.6) | Arm 1:  4N  Arm 2:  4N  Arm 3:  2N | Restoration of sinus rhythm (conversion) |
| Marinsek, 2003[40](#_ENREF_40) | RCT;  Outpatient;  Europe;  Fair | Total N: 83  Arm 1: Monophasic (40)  Arm 2: Biphasic (43) | Arm 1:  67  (SD 8)  Arm 2:  69  (SD 6) | Total:  0, 0, 100%  Arm 1:  0, 0, 100%  Arm 2:  0, 0, 100% | NR | Persistent AF | NR | Arm 1:  57  (SD 11)  Arm 2:  56  (SD 11) | Arm 1:  8%  Arm 2:  14% | Maintenance of sinus rhythm |
| Scholten, 2003[41](#_ENREF_41) | RCT;  NR;  Europe;  Fair | Total N: 227  Arm 1: Monophasic (109)  Arm 2: Biphasic (118) | Arm 1:  59.9  (SD 14)  Arm 2:  59.6  (SD 12.4) | NR | Arm 1:  Median  41 days  Arm 2:  Median 20.5 days | None | Arm 1:  12N  Arm 2:  11N | NR | Arm 1:  6N  Arm 2:  5N | Restoration of sinus rhythm (conversion) |
| Kanoupakis, 2004[42](#_ENREF_42) | RCT;  Outpatient;  Europe;  Fair | Total N: 142  Arm 1: Carvedilol (48)  Arm 2: Amiodarone (48)  Arm 3: Control (46) | Arm 1:  66  (SD 9)  Arm 2:  64  (SD 8)  Arm 3:  61  (SD 10) | Arm 1:  0, 0, 100%  Arm 2:  0, 0, 100%  Arm 3:  0, 0, 100% | Arm 1:  10 mo  (SD 8)  Arm 2:  10 mo  (SD 12)  Arm 3:  13 mo  (SD 17) | Persistent AF | NR | Arm 1:  60  (SD 7.3)  Arm 2:  58  (SD 5.6)  Arm 3:  57 (SD 9) | Arm 1:  6N  Arm 2:  5N  Arm 3:  4N | Restoration of sinus rhythm (conversion), Recurrence of AF |
| Lindholm, 2004[8](#_ENREF_8) | RCT;  Outpatient;  Europe;  Fair | Total N: 100  Arm 1: Digoxin (50)  Arm 2: Verapamil (50) | Arm 1:  72  (SD 7)  Arm 2:  66  (SD 10) | Arm 1:  0, 0, 100%  Arm 2:  0, 0, 100% | Total:  8.4 mo  Arm 1:  7.5 mo  (SD 6)  Arm 2:  10.7 mo  (SD 8.5) | Persistent AF | NR | NR | NR | Control of ventricular rate, Maintenance of sinus rhythm,  Restoration of sinus rhythm (conversion) |
| Rashba, 2004[43](#_ENREF_43) | RCT;  NR;  US;  Fair | Total N: 120  Arm 1: 20 DCC (30)  Arm 2: 50 DCC (30)  Arm 3: 100 DCC (30)  Arm 4: 200 DCC (30) | Arm 1:  65  (SD 12)  Arm 2:  69  (SD 13)  Arm 3:  65  (SD 12)  Arm 4:  63  (SD 10) | Total:  0, 0, 100%  Arm 1:  0, 0, 100%  Arm 2:  0, 0, 100%  Arm 3:  0, 0, 100%  Arm 4:  0, 0, 100% | Arm 1:  71 days  (SD 80)  Arm 2:  86 days  (SD 100)  Arm 3:  136 days  (SD 177)  Arm 4:  176 days  (SD 371) | Persistent AF | NR | Arm 1:  50  (SD 16)  Arm 2:  41  (SD 16)  Arm 3:  50  (SD 13)  Arm 4:  50  (SD 15) | Arm 1:  33%  Arm 2:  30%  Arm 3:  33%  Arm 4:  27% | Restoration of sinus rhythm (conversion) |
| Siaplaouras, 2004[44](#_ENREF_44) | RCT;  NR;  Europe;  Fair | Total N: 216  Arm 1: Biphasic (NR)  Arm 2: Monophasic (NR) | Arm 1:  65  (SD 10)  Arm 2:  66  (SD 10) | Total:  0, 0, 100%  Arm 1:  0, 0, 100%  Arm 2:  0, 0, 100% | Arm 1:  3.2 mo  (SD 4)  Arm 2:  4.1 mo  (SD 10) | Persistent AF | NR | Arm 1:  62  (SD 15)  Arm 2:  59  (SD 13) | Arm 1:  17%  Arm 2:  20% | Recurrence of AF, Restoration of sinus rhythm (conversion) |
| Thomas, 2004[9](#_ENREF_9) | RCT;  ER;  Australia/NZ;  Fair | Total N: 140  Arm 1: Amiodarone (52)  Arm 2: Sotalol (45)  Arm 3: Digoxin (43) | Arm 1:  54.3  (SD 15.9)  Arm 2:  57.7  (SD 15.9)  Arm 3:  55.5  (SD 16.5) | NR | NR | None | NR | NR | Total:  15%  Arm 1:  7%  Arm 2:  4%  Arm 3:  4% | Restoration of sinus rhythm (conversion), Control of ventricular rate |
| Alatawi, 2005[45](#_ENREF_45) | RCT;  Inpatient;  US;  Fair | Total N: 141  Arm 1: Truncated (70)  Arm 2: Rectilinear (71) | Arm 1:  65.3  (SD 14.5 )  Arm 2:  67.6  (SD 12.9) | NR | NR | None | NR | Arm 1:  53.9  (SD 12.7)  Arm 2:  54  (SD 13) | Arm 1:  20%  Arm 2:  32% | Restoration of sinus rhythm (conversion) |
| Kirchhof, 2005[46](#_ENREF_46) | RCT;  Outpatient;  Europe;  Good | Total N: 201  Arm 1: Steel (104)  Arm 2: Adhesive (97) | Arm 1:  63  (SD 1)  Arm 2:  63  (SD 1) | Total:  0, 0, 100%  Arm 1:  0, 0, 100%  Arm 2:  0, 0, 100% | Arm 1:  8.1 mo  (SD 2)  Arm 2:  4.5 mo  (SD 0.2) | Persistent AF | NR | NR | Arm 1:  36N  Arm 2:  25N | Restoration of sinus rhythm (conversion) |
| Korantzo-poulos, 2005[47](#_ENREF_47) | RCT;  Inpatient;  Europe;  Good | Total N: 100  Arm 1: Ibutilide (51)  Arm 2: Propafenone + ibutilide (49) | Total:  65  (SD 10)  Arm 1:  66  (SD 9)  Arm 2:  65  (SD 11) | Total:  0, 0, 100%  Arm 1:  0, 0, 100%  Arm 2:  0, 0, 100% | Total:  99 days  (SD 92)  Arm 1:  98 days  (SD 83)  Arm 2:  99 days  (SD 100) | Persistent AF | NR | Arm 1:  58 (SD 6)  Arm 2:  59  (SD 10) | Arm 1:  19%  Arm 2:  16% | Restoration of sinus rhythm (conversion) |
| Siaplaouras, 2005[48](#_ENREF_48) | RCT;  NR;  Europe;  Fair | Total N: 123  Arm 1: AP (60)  Arm 2: AL (63) | Arm 1:  67  (SD 10)  Arm 2:  66  (SD 10) | Arm 1:  0, 0, 100%  Arm 2:  0, 0, 100% | Arm 1:  3.0 mo  (SD 5)  Arm 2:  3.8 mo  (SD 9) | Persistent AF | NR | Arm 1:  60  (SD 13)  Arm 2:  59  (SD 13) | Arm 1:  10N  Arm 2:  16N | Restoration of sinus rhythm (conversion), Recurrence of AF |
| Singh, 2005[49](#_ENREF_49)  (SAFE-T)  Atwood, 2007[50](#_ENREF_50)  Batcher, 2007[51](#_ENREF_51)  Singh, 2009[52](#_ENREF_52) | RCT;  Outpatient;  US;  Good | Total N: 665  Arm 1: Amiodarone (267)  Arm 2: Sotalol (261)  Arm 3: Placebo (137) | Arm 1:  67.1  (SD 9.4)  Arm 2:  66.8  (SD 8.9)  Arm 3:  67.7  (SD 9.8) | NR | NR | None | Arm 1:  67N  Arm 2:  72N  Arm 3:  33N | Arm 1:  50.5  (SD 12.4)  Arm 2:  51.5  (SD 11.9)  Arm 3:  49.4  (SD 12.7) | Arm 1:  71N  Arm 2:  66N  Arm 3:  31N | Restoration of sinus rhythm (conversion)  Stroke  All-cause mortality  Recurrence of AF |
| Ambler, 2006[53](#_ENREF_53) | RCT;  NR;  UK;  Fair | Total N: 128  Arm 1: Monophasic (NR)  Arm 2: Biphasic (NR) | Total:  Median 70  Min Age: 22  Max Age: 87 | NR | NR | None | NR | NR | NR | Restoration of sinus rhythm (conversion) |
| Brazdzionyte, 2006[54](#_ENREF_54) | RCT;  NR;  Europe;  Fair | Total N: 103  Arm 1: AL (55)  Arm 2: AP (48) | Arm 1:  63.84  (SD 11.67)  Arm 2:  62.31  (SD 10.37) | Total:  0, 0, 100%  Arm 1:  0, 0, 100%  Arm 2:  0, 0, 100% | NR | Persistent AF | NR | Arm 1:  48.6  (SD 9.45)  Arm 2:  48.8  (SD 6.08) | Arm 1:  47.3%  Arm 2:  33.3% | Restoration of sinus rhythm (conversion) |
| Hemels, 2006[11](#_ENREF_11)  (VERDICT) | RCT;  NR;  Europe;  Fair | Total N: 144  Arm 1: Digoxin (70)  Arm 2: Verapamil (74) | Arm 1:  65  (SD 11)  Arm 2:  65  (SD 8) | Arm 1:  0, 0, 100%  Arm 2:  0, 0, 100% | Arm 1:  140 days  Arm 2:  117 days | Persistent AF | Arm 1:  7%  Arm 2:  5% | NR | Arm 1:  19%  Arm 2:  12% | Control of ventricular rate, Restoration of sinus rhythm (conversion)  Recurrence of AF,  Maintenance of sinus rhythm,  Quality of life/ Functional status |
| Hofmann, 2006[12](#_ENREF_12) | RCT;  Inpatient;  Europe;  Good | Total N: 100  Arm 1: Amiodarone (50)  Arm 2: Digoxin (50) | Arm 1:  68.3  (SD 13)  Arm 2:  69.3  (SD 13) | Total:  0, 11%, 12%  Arm 1:  0, 12%, 10%  Arm 2:  0, 10%, 14% | NR | None | Total:  12%  Arm 1:  16%  Arm 2:  8% | Arm 1:  55.2  (SD 19)  Arm 2:  54.3  (SD 14) | NR | Control of ventricular rate, Restoration of sinus rhythm (conversion) |
| Mazzocca, 2006[55](#_ENREF_55) | RCT;  NR;  Europe;  Fair | Total N: 50  Arm 1: DCC (25)  Arm 2: Ibutilide + DCC (25) | Arm 1:  64  (SD 14)  Arm 2:  69  (SD 9) | Total:  0, 0, 100%  Arm 1:  0, 0, 100%  Arm 2:  0, 0, 100% | Arm 1:  86 days (SD 79)  Arm 2:  84 days (SD 73) | Previously failed a rate- or rhythm-control pharmaco-logical therapy strategy, Persistent AF | NR | Arm 1:  53 (SD 9)  Arm 2:  53  (SD 10) | NR | Restoration of sinus rhythm (conversion) |
| Redfearn, 2006[56](#_ENREF_56) | RCT;  NR;  UK;  Fair | Total N: 23  Arm 1: Verapamil+DCC (9)  Arm 2: DCC (14) | Arm 1:  63.9 (SD 13.7)  Arm 2:  69.9 (SD 8.1) | Total:  0, 0, 100%  Arm 1:  0, 0, 100%  Arm 2:  0, 0, 100% | Arm 1:  9.13 mo (SD 3.94)  Arm 2:  11.2 mo (SD 12.9) | Persistent AF | NR | NR | NR | Maintenance of sinus rhythm |
| Vijayalakshmi, 2006[57](#_ENREF_57) | RCT;  NR;  UK;  Good | Total N: 94  Arm 1: Control (31)  Arm 2: Amiodarone (27)  Arm 3: Sotalol (36) | Arm 1:  64.8 (SD 9.1)  Arm 2:  65.5 (SD 10.5)  Arm 3:  62.8 (SD 9.3) | NR | Arm 1:  7 mo  (SD 4)  Arm 2:  6.6 mo  (SD 3.9)  Arm 3:  7.3 mo  (SD 4.4) | None | Arm 1:  1N  Arm 2:  1N  Arm 3:  1N | Arm 1:  40  Arm 2:  51  Arm 3:  40 | NR | All-cause mortality, Maintenance of sinus rhythm,  Restoration of sinus rhythm (conversion) |
| Boodhoo, 2007[58](#_ENREF_58) | RCT;  NR;  UK;  Fair | Total N: 261  Arm 1: Initial 200J (125)  Arm 2: 360 DCC (136) | Arm 1:  70  (SD 10)  Arm 2:  72  (SD 10) | Total:  0, 0, 100%  Arm 1:  0, 0, 100%  Arm 2:  0, 0, 100% | NR | Persistent AF | Arm 1:  6%  Arm 2:  1% | Arm 1:  65  Arm 2:  65 | Arm 1:  11%  Arm 2:  9% | Restoration of sinus rhythm (conversion), Maintenance of sinus rhythm,  All-cause mortality,  Mixed embolic events including stroke |
| Hassan, 2007[59](#_ENREF_59) | RCT;  ER;  US;  Fair | Total N: 50  Arm 1: Diltiazem (24)  Arm 2: Esmolol (26) | Arm 1:  62  (SD 15)  Arm 2:  65  (SD 15) | Arm 1:  0, 8N, 0  Arm 2:  0, 11N, 0 | NR | None | NR | Arm 1:  54.5  (SD 14)  Arm 2:  50.5  (SD 14) | Arm 1:  4N  Arm 2:  2N | Restoration of sinus rhythm (conversion), Control of ventricular rate |
| Kafkas, 2007[60](#_ENREF_60) | RCT;  Inpatient;  Europe;  Fair | Total N: 152  Arm 1: Ibutilide (79)  Arm 2: Amiodarone (73) | Arm 1:  62  (SD 16)  Arm 2:  64  (SD 18) | NR | NR | None | NR | Arm 1:  53 (SD 6)  Arm 2:  52 (SD 8) | Arm 1:  36N  Arm 2 :  38N | Restoration of sinus rhythm (conversion), Recurrence of AF |
| Kawabata, 2007[61](#_ENREF_61) | RCT;  ER;  S. America;  Good | Total N: 154  Arm 1: Biphasic (77)  Arm 2: Monophasic (77) | Arm 1:  55 (SD 13.5)  Arm 2:  60 (SD 13.3) | NR | NR | None | NR | NR | Arm 1:  3N  Arm 2:  10N | Restoration of sinus rhythm (conversion) |
| Nergardh, 2007[62](#_ENREF_62) | RCT;  Outpatient;  Europe;  Good | Total N: 168  Arm 1: Metoprolol + DCC (83)  Arm 2: Placebo + DCC (85) | Arm 1:  68.2 (SD 10.1)  Arm 2:  66.5 (SD 12.2) | Total:  0, 0, 100%  Arm 1:  0, 0, 100%  Arm 2:  0, 0, 100% | Arm 1:  5.3 mo  (SD 2.9)  Arm 2:  5.1 mo  (SD 2.8) | Persistent AF | NR | Arm 1:  48.6  (SD 7.9)  Arm 2:  49.7  (SD 6.7) | Arm 1:  4N  Arm 2:  3N | Control of ventricular rate, Maintenance of sinus rhythm,  Restoration of sinus rhythm (conversion), All-cause mortality,  Stroke |
| Glover, 2008[63](#_ENREF_63)  (BEST AF) | RCT;  Outpatient;  UK;  Good | Total N: 380  Arm 1: Electrical cardioversion (low energy) (193)  Arm 2: Electrical cardioversion (high energy) (187) | Total:  67  (SD 10)  Arm 1:  66.8 (SD 9.7)  Arm 2:  67.1 (SD 10) | Arm 1:  0, 0, 100%  Arm 2:  0, 0, 100% | Total:  Median 6.0 mo (IQR, 3 to 11)  Arm 1:  Median 6.0 mo (IQR, 4.0 to 12.0)  Arm 2:  Median 6.0 mo (IQR, 3.0 to 9.0) | Persistent AF | NR | Arm 1:  52  (SD 27)  Arm 2:  49  (SD 29) | Arm 1:  34%  Arm 2:  27% | Restoration of sinus rhythm |
| Mortensen, 2008[64](#_ENREF_64) | RCT;  Inpatient, Outpatient, ER;  Europe;  Fair | Total N: 95  Arm 1: Biphasic (48)  Arm 2: Monophasic (47) | Total:  62  (SD 13)  Arm 1:  62  (SD 12)  Arm 2:  62  (SD 13) | NR | NR | None | NR | NR | Total:  23.1%  Arm 1:  27%  Arm 2:  19.1% | Restoration of sinus rhythm (conversion) |
| Fragakis, 2009[65](#_ENREF_65) | RCT;  Outpatient, ER;  Europe;  Fair | Total N: 90  Arm 1: Esmolol + ibutilide (44)  Arm 2: Ibutilide (46) | Total:  63 (SD 13.5)  Arm 1:  63 (SD 11.5)  Arm 2:  63  (SD 15) | Arm 1:  0, 80%, 0  Arm 2:  0, 75%, 0 | Arm 1:  16 days (SD 42)  Arm 2:  19 days (SD 30) | None | NR | Arm 1:  63 (SD 6)  Arm 2: 61 (SD 7) | Arm 1:  11%  Arm 2:  9% | Restoration of sinus rhythm (conversion) |
| Balla, 2011[66](#_ENREF_66) | RCT;  ER;  Europe;  Good | Total N: 160  Arm 1: Flecainide (40)  Arm 2: Amiodarone (40)  Arm 3: Propafenone (40)  Arm 4: Placebo (40) | Arm 1:  57.9 (SD 9.5)  Arm 2:  58.9 (SD 10.4)  Arm 3:  57.4 (SD 9.8)  Arm 4:  58.6 (SD 10.7) | NR | Arm 1:  16.2 hr (SD 9.1)  Arm 2:  19.1 hr (SD 12.4)  Arm 3:  18.6 hr (SD 4.2)  Arm 4:  17.8 hr (SD 13.9) | None | NR | NR | NR | Restoration of sinus rhythm (conversion) |

**Abbreviations:** Abbreviations: AF=atrial fibrillation; CAD=coronary artery disease; CV=cardiovascular; IQR=interquartile range; KQ=Key Question; LVEF=left ventricular ejection fraction; MI=myocardial infarction; mo=month(s); N=number of patients; NR=not reported; RCT=randomized controlled trial; SD=standard deviation