Table S1. Polled analysis of patient comorbidities among included trials.

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| --- | --- | --- | --- | --- | --- |
| **Medical history** | **No of studies** | **Events/participants** | **Events** | **Heterogeneity between trials** | **P-value for****differences****across groups** |
| **AF/AFL** | **No AF/AFL** | **RR** | **95%CI** | **P-value** | **I2 statistic** |
| DM | 17 | 3681/9218 (39.9%) | 6396/23270 (27.5%) | 1.32 | 1.09 to 1.61 | <0.001 | 77% | 0.005 |
| Hypertension | 17 | 6995/9218 (75.9%) | 11230/23270 (48.3%) | 2.19 | 1.49 to 3.21 | <0.001 | 94% | <0.001 |
| CAD | 12 | 3875/8956 (43.3%) | 4764/21865 (21.8%) | 2.04 | 1.29 to 3.22 | <0.001 | 96% | 0.002 |
| CHF | 14 | 3121/9121 (34.2%) | 3281/22585 (14.5%) | 3.14 | 1.72 to 5.73 | <0.001 | 97% | <0.001 |
| Chronic kidney disease | 12 | 25221/9079 (27.8%) | 2987/21061 (14.2%) | 1.81 | 1.33 to 2.47 | <0.001 | 86% | <0.001 |
| Chronic liver disease | 4 | 37/1662 (2.2%) | 142/5192 (2.7%) | 1.10 | 0.70 to 1.75 | 0.38 | 3% | 0.67 |
| COPD | 13 | 5582/8995 (62.1%) | 6353/22338 (28.4%) | 1.58 | 1.18 to 2.10  | <0.001 | 81% | 0.002 |
| Dyslipidemia | 7 | 145/574 (25.3%) | 549/1782 (30.8%) | 2.12 | 0.98 to 4.60 | <0.001 | 81% | 0.06 |
| Previous MI | 3 | 13/154 (8.4%) | 43/7198 (0.6%) | 9,32 | 4.53 to 19.20 | 0.86 | 0% | <0.01 |
| Previous stroke | 9 | 110/991 (11.1%) | 426/13540 (3.1%) | 2.24 | 1.21 to 4.16 | <0.001 | 78% | 0.01 |
| Current smoking | 8 | 156/2187 (7.1%) | 536/8124 (6.6%) | 1.15 | 0.90 to 1.48 | 0.32 | 15% | 0.26 |

*Legend: CAD = coronary artery disease; CI = confidence interval; CHF = chronic heart failure; COPD = Chronic Obstructive Pulmonary Disease; DM = diabetes mellitus; MI = myocardial infarction; RR = risk ratio*