Appendix Table C22. Clinical renal outcomes (outcomes part C), ACEI plus ARB versus ACEI or ARB trials

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Study** | **End-stage Renal Disease**  **n/N (%)** | | **Doubling of Serum Creatinine n/N (%)** | | **Halving of GFR**  **n/N (%)** | | **Progression from Micro- to Macroalbuminuria**  **n/N (%)** | | **Composite Renal Outcome n/N (%)#** | |
| ***ACEI plus ARB versus ACEI trials (n=5)*** | | | | | | | | | | |
|  | **ACEI+ARB** | **ACEI** | **ACEI+ARB** | **ACEI** | **ACEI+ARB** | **ACEI** | **ACEI+ARB** | **ACEI** | **ACEI+ARB** | **ACEI** |
| Sengul, 200620 |  |  |  |  |  |  | 0/96  (0) | 0/48  (0) |  |  |
| Menne, 200819  VALERIA |  |  |  |  |  |  | 1/43  (2.5) | 3/47  (6.4) |  |  |
| Kanno, 200644 | 2/45  (4.4) | 2/45  (4.4) | 0/45  (0) | 7/45  (15.6) |  |  |  |  |  |  |
| Mehdi, 200945 |  |  | \*\*NR | \*\*NR |  |  |  |  |  |  |
| Anand, 200946 |  |  |  |  |  |  |  |  |  |  |
| ***ACEI plus ARB versus ARB trials (n=3)*** | | | | | | | | | | |
|  |  |  | **ACEI+ARB** | **ARB** |  |  | **ACEI+ARB** | **ARB** | **ACEI+ARB** | **ARB** |
| Sengul, 200620 |  |  |  |  |  |  | 0/96  (0) | 0/48  (0) |  |  |
| Menne, 200819 |  |  |  |  |  |  | 1/43  (2.5) | 3/43  (7.1) |  |  |
| ***ACEI plus ARB versusACEI or ARB trials (monotherapy) (n=1)*** | | | | | | | | | | |
|  | **ACEI+ARB** | **Mono** | **ACEI+ARB** | **Mono** | **ACEI+ARB** | **Mono** | **ACEI+ARB** | **Mono** | **ACEI+ARB** | **Mono** |
| Tobe 201135  Mann, 200818  ON-TARGET | *Chronic dialysis*  31/2943  (1.1) | *Chronic dialysis*  53/5990  (0.9) | 86/2943  (2.9) | 140/5990  (2.3) |  |  |  |  | 104/2943  (3.5) | 173/5990  (2.9) |

ACEI = angiotensin convertng enzyme; ARB = angiotensin receptor blocker; GFR = glomerular filtration rate  
#See composite renal outcome definitions table  
\*Reported for the overall participants but not for the CKD subgroup  
\*\*Reported 50% increase in serum creatinine in 13/26 (50%) of ACEI+ARB group and 10/27 (37%) of ACEI group  
†Had microalbuminuria at baseline; N based on back calculation using percentage with progression