Table 23. Ambulatory (daytime) vs. office, all-cause mortality, results of included studies for Key Question 3a

| BP | Study, Quality | Country | N BL | # of Events | % HTN at BL, % Treated | Mean BL Office SBP/DBP(mm Hg) | Mean follow-up (y) | Cox regression model, BP variable increment‡ | ABPM (day)HR (95% CI) | ABPM (day)HR (95% CI), adj. for OBPM | OBPMHR (95% CI) | OBPMHR (95% CI), adj. for ABPM (day) | Additional model covariates† |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Systolic | Clement, 2003115Good | Belgium | 1963 | 78 | 100 100 | 155.01/93.06 | 5 | 1 SD | 1.18 (0.94 to 1.50) | 1.03 (0.79 to 1.34) | 1.40 (1.10 to 1.78) | NR | BMI, DM, cholesterol, use of lipid-lowering drugs, CV complications at entry |
| Dolan, 2005116 Fair | Ireland | 5292 | 656 | 100 0 | 162.3/93.1 | 7.9 | 10 mm Hg | 1.09 (1.04 to 1.13) | 1.07 (1.03 to 1.12) | 1.02 (0.99 to 1.05) | NR | BMI, DM, history of CV events, OBPM |
| Hansen, 2005119Fair | Denmark | 1700 | 174 | NR 9.41 | 128/82 | 9.5 | 10 mm Hg | 1.15 (1.04 to 1.28)\* | NR | 1.05 (0.96 to 1.14) | NR | NR |
| Staessen, 1999126 Good | Multi-national (western and eastern Europe) | 808 | 68 | 100 42.6 | 173.3/86.0 | 4.4 | 10 mm Hg | 1.07 (0.91 to 1.24) | 0.98 (0.83 to 1.17) | 1.24 (1.03 to 1.49) | NR | Previous CV complications, residence in western Europe |
| Diastolic | Clement, 2003115Good | Belgium | 1963 | 78 | 100 100 | 155.01/93.06 | 5 | 1 SD | 1.22 (0.95 to 1.56) | 1.15 (0.89 to 1.49) | 1.27 (0.98 to 1.64) | NR | BMI, DM, cholesterol, use of lipid-lowering drugs, CV complications at entry |
| Dolan, 2005116 Fair | Ireland | 5292 | 656 | 100 0 | 162.3/93.1 | 7.9 | 5 mm Hg | 1.02 (0.99 to 1.06) | 1.02 (0.99 to 1.05) | 1.01 (0.99 to 1.04) | NR | BMI, DM, history of CV events, OBPM |
| Hansen, 2005119Fair | Denmark | 1700 | 174 | NR 9.41 | 128/82 | 9.5 | 5 mm Hg | 1.16 (1.08 to 1.26)\* | NR | 1.06 (0.99 to 1.14) | NR | NR |

\*Relative risk

†All adjusted for age, sex, and smoking. All covariates are from the model adjusted for ABPM (24hr) or OBPM.

**Abbreviations**: ABPM = ambulatory blood pressure measurement; adj = adjusted; BL = baseline; BMI = body mass index; BP = blood pressure; CI = confidence interval; CV = cardiovascular; DBP = diastolic blood pressure; DM = diabetes mellitus; HTN = hypertension; hr = hour; HR = hazard ratio; mm Hg = millimeters of mercury; NR = not reported; OBPM = office blood pressure measurement; SBP = systolic blood pressure