**Table 1. Characteristics of Included Studies**

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| --- | --- | --- | --- | --- | --- | --- |
| First author, year | Study population | Comparison groups | Sample size | Mean age (SD), age range | Percent women | Percent African-American |
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**Table 2. Studies Comparing Mean Office BP to Mean Ambulatory BP Monitoring**

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| --- | --- | --- | --- | --- | --- | --- |
| First author, year | Number of office measurements | Office BP mean | Number of ambulatory measurements | Daytime (awake) ambulatory BP mean | Nighttime (sleep) ambulatory BP mean | Overall ambulatory BP mean |
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**Table 3. Studies Comparing Hypertension Status by Office BP Compared to Hypertension Status by Ambulatory BP Monitoring**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| First author, year |  |  |  |  |  |  |  |  |  |
| Office BP threshold |  |  |  |  |  |  |  |  |  |
| Ambulatory BP threshold(s) |  |  |  |  |  |  |  |  |  |
| Percent hypertensive by office BP mean |  |  |  |  |  |  |  |  |  |
| Percent hypertensive by ambulatory daytime (awake) measurements |  |  |  |  |  |  |  |  |  |
| Percent hypertensive by ambulatory nighttime (sleep) measurements |  |  |  |  |  |  |  |  |  |
| Percent hypertensive by overall ambulatory measurements |  |  |  |  |  |  |  |  |  |
| Sensitivity (95% CI) |  |  |  |  |  |  |  |  |  |
| Specificity (95% CI) |  |  |  |  |  |  |  |  |  |

**Table 4. Studies Comparing Mean Office BP to Mean Home BP Monitoring**

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| --- | --- | --- | --- | --- |
| First author, year | Number of office measurements | Office BP mean | Number of home measurements | Home BP mean |
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**Table 5. Studies Comparing Hypertension Status by Office BP Compared to Hypertension Status by Home BP Monitoring**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| First author, year |  |  |  |  |  |  |  |  |  |
| Office BP threshold |  |  |  |  |  |  |  |  |  |
| Home BP threshold(s) |  |  |  |  |  |  |  |  |  |
| Percent hypertensive by office BP mean |  |  |  |  |  |  |  |  |  |
| Percent hypertensive by home BP measurements |  |  |  |  |  |  |  |  |  |

**Table 6. Studies Comparing Mean Home BP to Mean Ambulatory BP Monitoring**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| First author, year | Number home BP measurements | Home BP mean | Number of ambulatory measurements | Ambulatory BP mean |
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**Table 7. Studies Comparing Hypertension Status by Home BP Compared to Hypertension Status by Ambulatory BP Monitoring**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| First author, year |  |  |  |  |  |  |  |  |  |
| Home BP threshold |  |  |  |  |  |  |  |  |  |
| Ambulatory BP threshold(s) |  |  |  |  |  |  |  |  |  |
| Percent hypertensive by home BP mean |  |  |  |  |  |  |  |  |  |
| Percent hypertensive by ambulatory daytime (awake) measurements |  |  |  |  |  |  |  |  |  |
| Percent hypertensive by ambulatory nighttime (sleep) measurements |  |  |  |  |  |  |  |  |  |
| Percent hypertensive by overall ambulatory measurements |  |  |  |  |  |  |  |  |  |
| Sensitivity (95% CI) |  |  |  |  |  |  |  |  |  |
| Specificity (95% CI) |  |  |  |  |  |  |  |  |  |

**Table 8. QUADAS**

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| --- | --- | --- | --- | --- | --- | --- |
| First author, year |  |  |  |  |  |  |
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**Table 9. Reproducibility**

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| --- | --- | --- | --- | --- | --- | --- |
| First author, year | Home BP | | | Ambulatory BP | | |
|  | Interval | % agreement | kappa | Interval | % agreement | kappa |
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