**S2 Table**

**Data extraction variables**

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| --- | --- |
| Title |  |
| First author |  |
| Article type | * Original research * Case study * Conference proceedings * Clinical Guideline |
| Year |  |
| Aim |  |
| Region | * Africa * Asia * Australasia * Europe * Middle East * North Africa * North America * South America * Southeast Asia * International |
| Country |  |
| Study design | * Case report * Case series * Cohort * Cross sectional * Interventional * Diagnostic accuracy * Guidelines |
| Study setting (where measurement taken) | * Ambulance * Emergency Department * Environmental (home, workplace, leisure, mixed) * Hospital * Guideline |
| Population | * Adult * Child * Adult and child |
| Sample size | N = |
| Co Exposure | * Known source * Not known source |
| Source of exposure setting | * Domestic * Occupational * Recreational * Mixed |
| Type of CO level measurement | * COHb (venous blood) * SpCO * Ambient CO monitor * Breath analyser |
| CO exposure diagnostic threshold level | * Smoker and non-smoker combined * Smoker * Non-smoker |
| CO level reported | * ppm * % COHb |
| Time from exposure to CO level measurement | * minutes |