**S2 Table**

**Data extraction variables**

|  |  |
| --- | --- |
| 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
 |