

Environment and sleep disordered breathing

Sleep disordered breathing (SDB) is a highly prevalent condition in middle and older age and is a risk factor of cardiovascular disease. In this project, we investigate whether short- and long-term variation in air pollution, temperature and noise are associated with prevalence and severity of SDB. We make use of longitudinal data from the [Heinz Nixdorf Recall Study](#). Subgroup analysis of persons with heart failure is a special focus in this project.



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Publications

Weinreich G, Wessendorf TE, Pundt N, Weinmayr G, Hennig F, Moebus S, Möhlenkamp S, Erbel R, Jöckel KH, Teschler H, Hoffmann B; Heinz Nixdorf Recall study group. Association of short-term ozone and temperature with sleep disordered breathing. *Eur Respir J.* 2015;46(5):1361-9.