

Effects of LPG and Ventilation Interventions on Reducing HAP and Improving Cardiopulmonary Health

NCT07005193

Status	RECRUITING
Phase	Not Applicable
Sponsor	Huazhong University of Science and Technology
Enrollment	1,200 participants

Key Eligibility Criteria

Inclusion (8)

- Aged 18-75 years;
- Local permanent residents with no plans for long-term travel or relocation within one year;
- Kitchen suitable for installation of ventilation facilities;
- Responsible for daily household cooking, cooking e5 times per week;
- To control for community penetration of pollution, households will be preferentially recruited in naturally ventilated, open villages, avoiding valleys or basins that hinder pollutant dispersion; preference for detached houses with e10 m distance from neighboring kitchens and well-sealed doors and windows.

... and 3 more (see full listing online)

Exclusion (4)

- Clinical diagnosis of major chronic diseases such as severe respiratory diseases, cardiovascular diseases, malignant tumors, or end-stage renal disease;
- Pregnant or breastfeeding women;
- Current smokers or individuals with self-reported exposure to productive dust or other occupational hazards;
- Individuals who are unable to fully understand the study process or clearly express their own complaints, such as those with psychiatric disorders or severe neuroses, or who cannot cooperate with the study for other reasons.

Locations (3 total)

Suiping County Health Center, Zhumadian, Henan, China
Hong'an County Health Center, Huanggang, Hubei, China
Longhui County Health Center, Shaoyang, Hunan, China