

Effect of welding fumes on the cardiovascular system: a six-year longitudinal study¹

by Tahir Taj, PhD, Anda R Gliga, PhD, Maria Hedmer, PhD, Karin Wahlberg, PhD, Eva Assarsson, RN, Thomas Lundh, PhD, Håkan Tinnerberg, PhD, Maria Albin, PhD, Karin Broberg, PhD²

1. *Supplementary material*
2. *Correspondence to: Karin Broberg, Institute of Environmental Medicine, Karolinska Institutet, Stockholm, Sweden. [E-mail: karin.broberg@ki.se]*

Supplementary Table S1. Self-reported cardiovascular disease (CVD), medication for CVD, and family history of CVD in welders (n=78) and controls (n=96) measured 6 years apart.

	Timepoint 1 2010-2011		Timepoint 2 2016-2017	
	Welders	Controls	Welders	Controls
<i>Self-Reported CVD n (%)</i>				
Myocardial infarction	0 (0)	0 (0)	0 (0)	0 (0)
Angina pectoris	7 (9)	7 (7)	10 (13)	5 (5)
Hypertension	20 (26)	14 (15)	32 (41)	25 (26)
Stroke	0 (0)	0 (0)	2 (3)	0 (0)
Blood clot	0 (0)	2 (2)	2 (3)	4 (4)
Other heart diseases	0 (0)	2 (2)	2 (3)	6 (6)
<i>Medication for CVD n (%)</i>				
Beta blocker	2 (3)	2 (2)	7 (9)	1 (1)
ACE inhibitor	7 (9)	2 (2)	9 (12)	6 (6)
Calcium channel blocker	0 (0)	0 (0)	1 (1)	1 (1)
Statin	2 (3)	0 (0)	5 (6)	8 (8)
Serotonin receptor inhibitor	1(1)	0 (0)	0 (0)	0 (0)
<i>Family history of CVD n (%)</i>				
Myocardial infarction	17 (22)	19 (20)	23 (29)	23 (24)
Stroke	13 (17)	12 (13)	14 (18)	13 (14)
Hypertension	51 (65)	59 (61)	56 (72)	72 (75)