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Assessment of the Influence of Symbioceutical Harmonizer Comfort on the Concentration of Airborne Particles – A Reanalysis

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Study

Setting:	workroom residential house, carpeted floor, unventilated, low usage
Measurement:	optical particle counter Fluke 983 (near a power socket)
Design:	prospective, controlled, repeated measurement field study
Intervention:	with and without Symbio Harmonizer Comfort, 50 hrs 20 mins each; control condition before and after application of Symbio Harmonizer Comfort
Parameters:	particle size fractions 0.3 µm, 0.5 µm, 1 µm, 2 µm, 5 µm und >10 µm

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Results

Particle Size	Control *	Symbioceutical Harmonizer Comfort *	Effect Size d **	Confidence Interval
0.3 µm	21966 10392	5979 2285	2.2	1.9 < d < 2.4
0.5 µm	1849 2066	437 203	0.9	0.7 < d < 1.2
1 µm	369 770	65 45	0.5	0.3 < d < 0.7
2 µm	163 390	30 28	0.4	0.2 < d < 0.6
5 µm	5 20	1 4	0.3	0.1 < d < 0.5
>10 µm	1 6	0.3 3	0.2	0 < d < 0.4

* Mean/Standard Deviation; values rounded; ** small effect: d ≥ 0.2, medium effect: d ≥ 0.5; large effect: d ≥ 0.8

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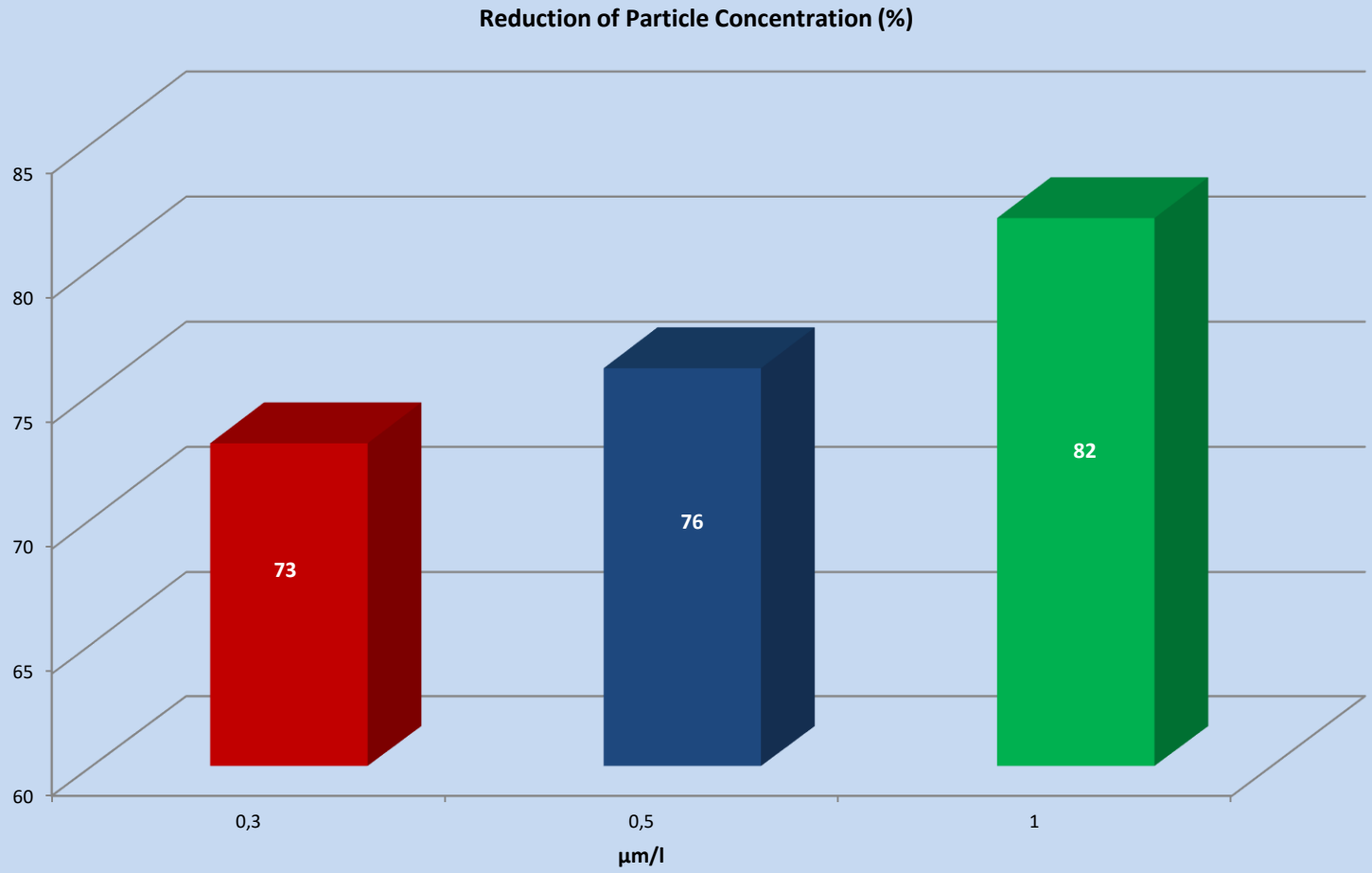
Results



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Conclusion

In an unventilated room fitted with a carpeted floor, the Symbio Harmonizer Comfort produces:

- a statistically large and hygienically highly relevant improvement in air quality
- a reduction of air particle concentrations (0.3 -1 µm) of over 70%