ADDITIONAL MATERIALS AVAILABLE ON THE HEI WEBSITE

Research Report 192, Part 2

The Multicenter Ozone Study in oldEr Subjects (MOSES): Part 2. Effects of Personal and Ambient Concentrations of Ozone and Other Pollutants on Cardiovascular and Pulmonary Function

Rich and Frampton et al.

Additional Materials 3. Supplementary Figures for Secondary Endpoints

These Additional Materials were not formatted or edited by HEI. This document was part of the HEI MOSES Review Panel’s review process.

Correspondence may be addressed to Dr. David Q. Rich, Department of Public Health Sciences, 265 Crittenden Boulevard, CU420644, Rochester, New York; e-mail: David_Rich@URMC.Rochester.edu.

Although this document was produced with partial funding by the United States Environmental Protection Agency under Assistance Award CR–83467701 to the Health Effects Institute, it has not been subjected to the Agency’s peer and administrative review and therefore may not necessarily reflect the views of the Agency, and no official endorsement by it should be inferred. The contents of this document also have not been reviewed by private party institutions, including those that support the Health Effects Institute; therefore, it may not reflect the views or policies of these parties, and no endorsement by them should be inferred.

© 2020 Health Effects Institute, 75 Federal Street, Suite 1400, Boston, MA 02110-1817
Appendix E. Aim 3 Figures: Change in pre-exposure biomarkers associated with each interquartile range increase in pollutant concentration, by pollutant and lag hour mean.

Appendix F. Aim 4 Figures: Differences in pre- to post-exposure changes in biomarker associated with each interquartile range increase in pollutant concentration, by pollutant and lag hour mean.
APPENDIX E.

S1.

Change in pre-exposure Ln of T-wave amplitude associated with each interquartile range increase in pollutant concentration, by pollutant and lag hour mean.
Change in pre-exposure ST segment in V5 associated with each interquartile range increase in pollutant concentration, by pollutant and lag hour mean.
Change in pre-exposure diastolic blood pressure (mmHg) associated with each interquartile range increase in pollutant concentration, by pollutant and lag hour mean.
Change in pre-exposure Ln of von Willebrand Factor (ng/mL) associated with each interquartile range increase in pollutant concentration, by pollutant and lag hour mean.
Change in pre-exposure Endothelin-1 (pg/mL) associated with each interquartile range increase in pollutant concentration, by pollutant and lag hour mean

* p<0.01

Pollutant and Lag Hour Mean
Change in pre-exposure VTI (cm) associated with each interquartile range increase in pollutant concentration, by pollutant and lag hour mean

Pollutant and Lag Hour Mean
Change in pre-exposure Ln of Fibrinogen associated with each interquartile range increase in pollutant concentration, by pollutant and lag hour mean

* p<0.01
Change in pre-exposure Ln of p-selectin associated with each interquartile range increase in pollutant concentration, by pollutant and lag hour mean

* p<0.01
Change in pre-exposure Ln of IL-6 associated with each interquartile range increase in pollutant concentration, by pollutant and lag hour mean.
APPENDIX F.

S1.

Difference in the pre- to post-exposure change in Ln of T-wave amplitude associated with each interquartile range increase in pollutant concentration, by pollutant and lag hour mean.
Difference in the pre- to post-exposure change in ST segment in V5 (5 min) associated with each interquartile range increase in pollutant concentration, by pollutant and lag hour mean.

* p<0.01
Difference in pre- to post-exposure change in diastolic blood pressure (mmHg) associated with each interquartile range increase in pollutant concentration, by pollutant and lag hour mean.

* p<0.01
Difference in pre- to post-exposure change in Ln of von Willebrand Factor (ng/mL) associated with each interquartile range increase in pollutant concentration, by pollutant and lag hour mean.
Difference in pre- to post-exposure change in Endothelin-1 (pg/mL) associated with each interquartile range increase in pollutant concentration, by pollutant and lag hour mean.

* p<0.01
Difference in pre- to post-exposure change in VTI (cm) associated with each interquartile range increase in pollutant concentration, by pollutant and lag hour mean.
Difference in pre- to post-exposure change in BAD (mm) associated with each interquartile range increase in pollutant concentration, by pollutant and lag hour mean.
Difference in the pre- to post-exposure change in CC-16 associated with each interquartile range increase in pollutant concentration, by pollutant and lag hour mean.

\* p<0.01