

SUPPLEMENTARY INFORMATION

Assessment of Lead Exposure in Indoor Shooters in Central Poland

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Table S1. Certified and measured values for lead in the reference materials.

Figure S1. Relationships between BLL and time spent at shooting ranges in study subgroups: (a) < 10 hours per week; (b) 11-20 hours per week and (c) > 20 hours per week.

Figure S2. Relationships between ULL and time spent at shooting ranges in study subgroups: (a) < 10 hours per week; (b) 11-20 hours per week and (c) > 20 hours per week.

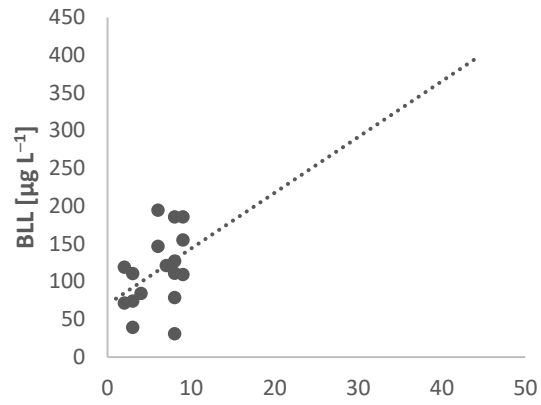
Figure S3. Relationships between ALA-D activity and time spent at shooting ranges in study subgroups: (a) < 10 hours per week; (b) 11-20 hours per week and (c) > 20 hours per week.

Figure S4. Relationships between BLL and ULL in study subgroups: (a) < 10 hours per week; (b) 11-20 hours per week and (c) > 20 hours per week.

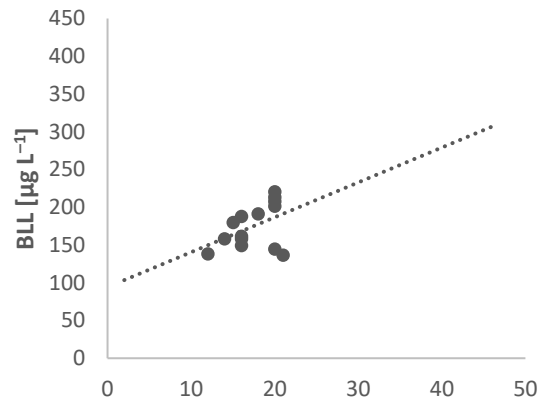
Figure S5. Relationships between BLL and ALA-D activity in study subgroups: (a) < 10 hours per week; (b) 11-20 hours per week and (c) > 20 hours per week.

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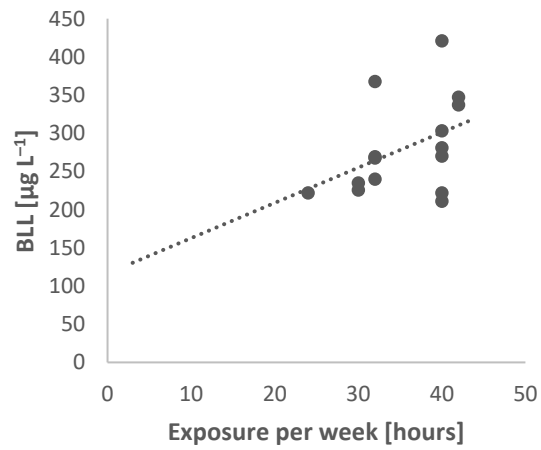
Reference material	Certified analytical value [$\mu\text{g L}^{-1}$]	Range [$\mu\text{g L}^{-1}$]	Measured values [$\mu\text{g L}^{-1}$]	Accuracy
Seronorm-Trace Elements Whole blood level-1 freeze-dried whole blood (Sero, Norway)	10	7.9-12	10.44 $\pm$ 1.08	104.44%
ClinChek-Control Level-I freeze-dried urine (RECIPE, Germany)	25	20-30	26.99 $\pm$ 2.67	107.98%



(a)

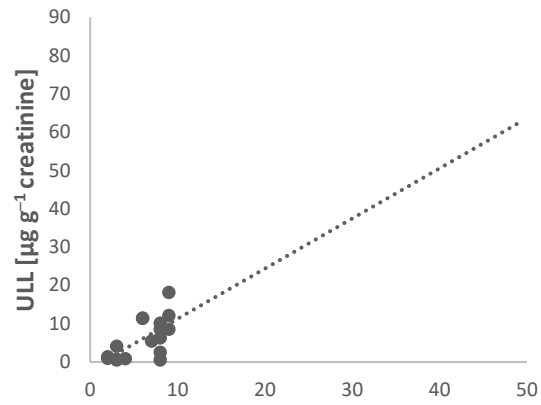


(b)

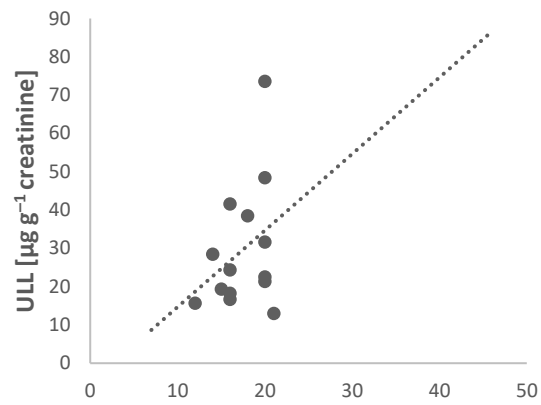


(c)

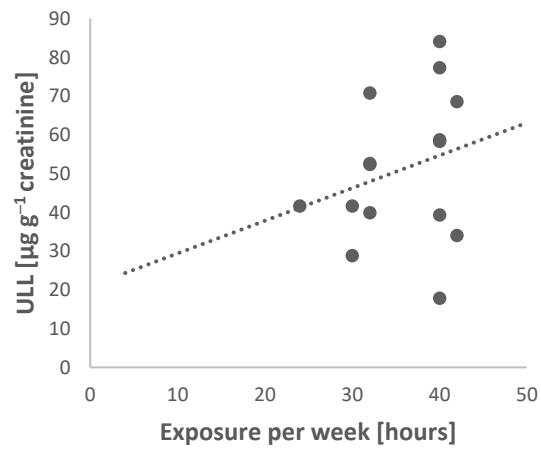
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(a)

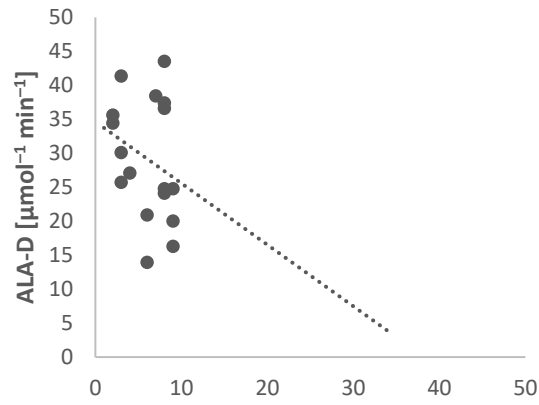


(b)

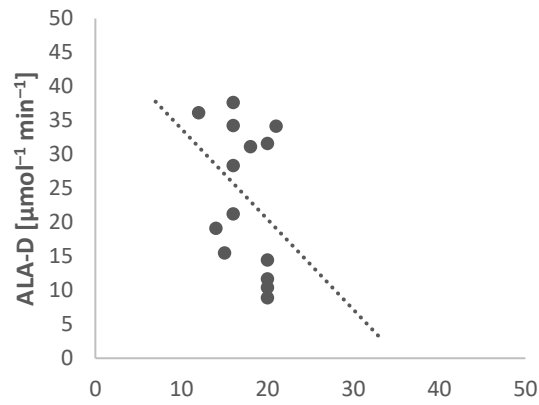


(c)

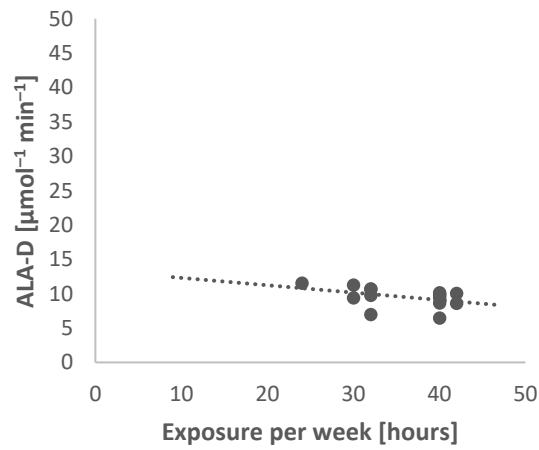
Figure S2. Relationships between ULL and time spent at shooting ranges in study subgroups: (a) < 10 hours per week; (b) 11-20 hours per week and (c) > 20 hours per week.



(a)

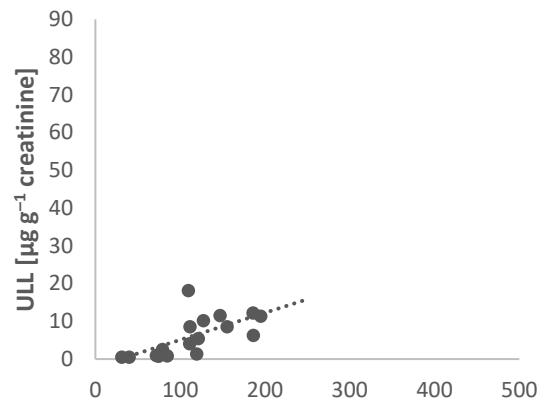


(b)

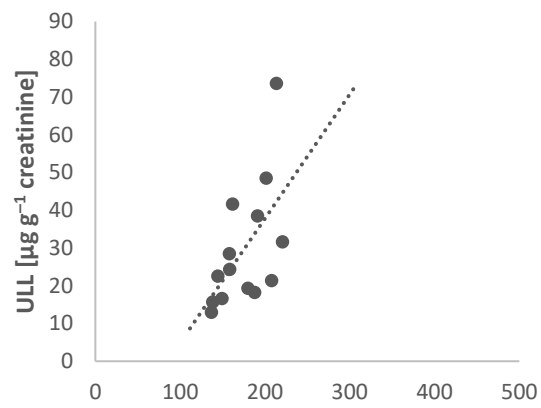


(c)

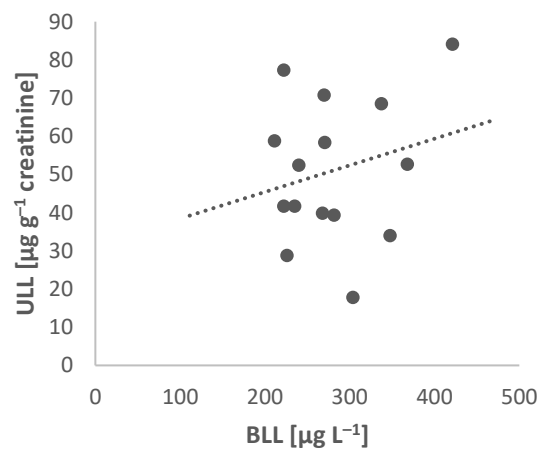
Figure S3. Relationships between ALA-D activity and time spent at shooting ranges in study subgroups: (a) < 10 hours per week; (b) 11-20 hours per week and (c) > 20 hours per week.



(a)

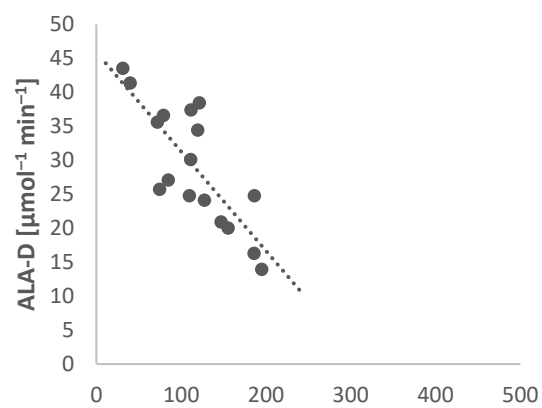


(b)

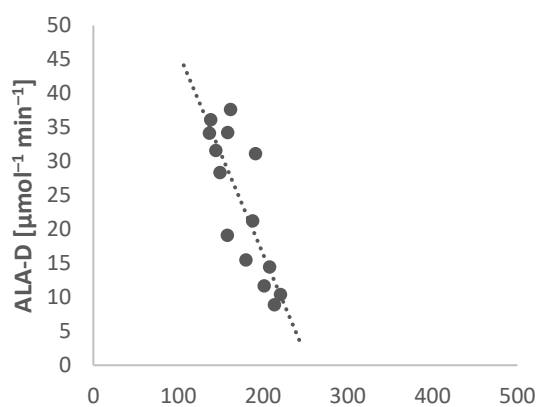


(c)

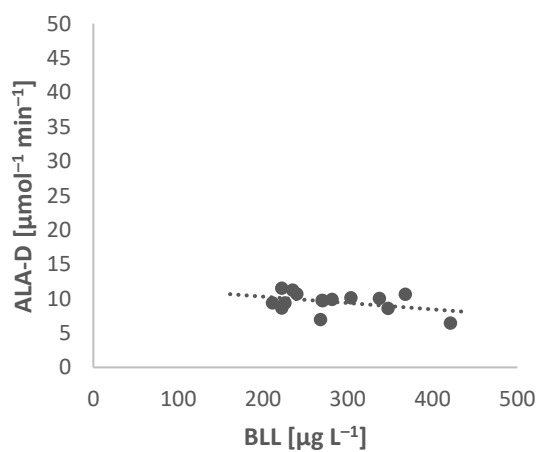
Figure S4. Relationships between BLL and ULL in study subgroups: (a) < 10 hours per week; (b) 11-20 hours per week and (c) > 20 hours per week.



(a)



(b)



(c)

Figure S5. Relationships between BLL and ALA-D activity in study subgroups: (a) < 10 hours per week; (b) 11-20 hours per week and (c) > 20 hours per week.