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Supplemental Material

Profiles of Emerging and Legacy Per-/Polyfluoroalkyl Substances in Matched Serum and Semen Samples: New Implications for Human Semen Quality

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Table S8. Regression coefficients (95% confidence intervals) in semen quality parameters across serum-based PFAS quartiles (n = 664).

Figure S1. Regression coefficients and 95% confidence intervals for changes in semen parameters across PFAS quartiles (n = 664). First quartile (Q1) was used as a reference group. Models were adjusted for age, BMI, BMI^2, smoking, alcohol intake, and abstinence time. Semen volume was ln-transformed, sperm concentration and total sperm count were cubic-root transformed. Curvilinear velocity (VCL), straight-line velocity (VSL), and sperm morphology were included in the regressions untransformed. FDR-adjusted p-values were used for trends and are shown in blue (semen PFAS quartiles) and black (serum PFAS quartiles). See Table S7 and S8 for corresponding numerical data.