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| **Table 4: Included epidemiological publication of autism and metals in teeth and fingernails** |
| **Author (year)** | **Population** | **ASD measurement** | **Metals** | **Results** |
| **Teeth** | **Fingernail** |
| Abdullah et al. (2012) | Cases: 22Controls: 22In the USAAge 9-14 years | ADOS and ADI-R | PbMn |  | Prenatal mean (SD) Pb: 0.38 (0.59) ppm in controls; 0.27 (0.27) ppm in cases; p=0.39Postnatal mean (SD) Pb: 0.43 (0.61) ppm in controls; 0.29 (0.29) ppm in cases; p=0.43Prenatal mean (SD) Mn: 1.63 (0.95) ppm in controls; 1.41 (1.10) ppm in cases; p=0.43Postnatal mean (SD) Mn: 2.91 (2.43) ppm in controls; 1.87 (2.01) ppm in cases; p=0.08 |
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| Lakshmi et al. (2011) | Cases: 45Controls: 50In IndiaAge 4-12 years | M-CHAT |  | Pb | Mean (SD) Pb: 16.2 (1.94) µg/g in controls; 26.38 (3.16) µg/g in low functioning cases (p<0.001); 17.68 (2.12) µg/g in mid functioning cases (p=NS); 16.48 (1.80) in high functioning cases (p=NS) |
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| Adams et al. (2007) | Cases: 15Controls: 11In Arizona, USAMean (SD) Age: Cases=6.1 (2.2) Controls=7.0 (1.7) | ADOS and/or CARS-2 | Pb |  | Mean (SD) Pb: 0.29 (0.14) µg/g in controls; 0.38 (0.32) µg/g in cases; p=NS |
| Pb = Lead; Mn = Manganese SD = Standard deviation |