

## **Supplemental Material**

### **Arsenic Reduction in Drinking Water and Improvement in Skin Lesions: A Follow-Up Study in Bangladesh**

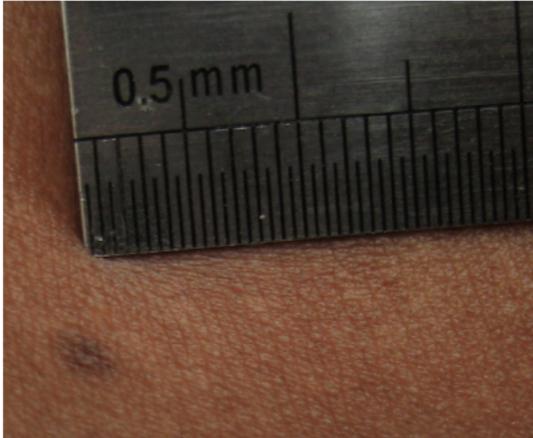
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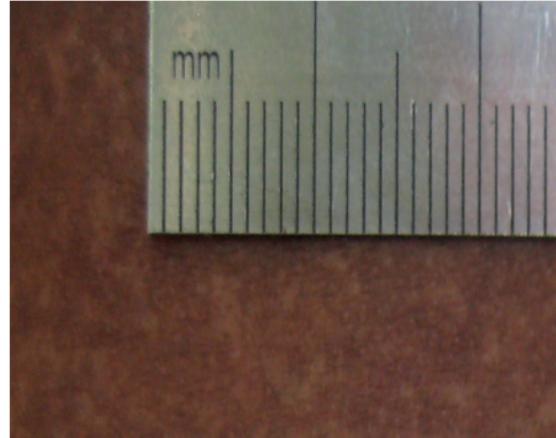
1. Figure S1 - Colored photographs of skin lesions showing different types and levels of severity on patient's chest and palm.
2. Table S1 – Comparison of weighted and unweighted generalized estimating equations (GEE) models.

**Figure S1.**

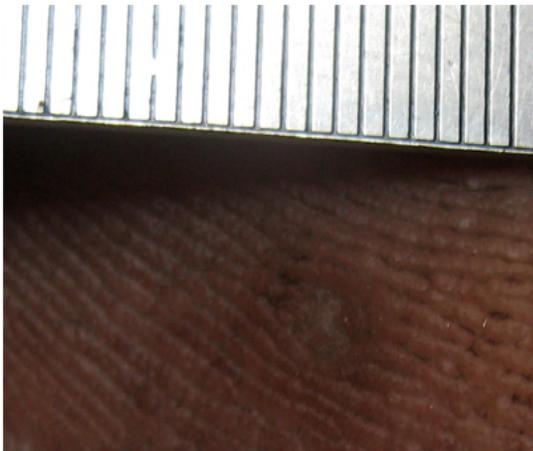
1. Chest – Mild melanosis



2. Chest -Severe melanosis



3. Palm – Mild keratosis



4. Palm - Severe hyperkeratosis



Colored photographs of skin lesions showing different types and levels of severity on patient's chest and palm

**Table S1.** Comparison of weighted and unweighted generalized estimating equations (GEE) models.

Exposure (log10)	<u>Unweighted GEE</u>				<u>Weighted GEE</u> <sup>a</sup>				
	Crude		Adjusted		Crude		Adjusted		
	Mean Score Change	<i>p</i> -value	Mean Score Change	<i>p</i> -value	Mean Score Change	<i>p</i> -value	Mean Score Change	<i>p</i> -value	
Decrease <sup>c</sup>	Water Arsenic	-0.84	0.27	-0.70	0.35	-0.90	0.23	-0.71	0.33
	Toenail Arsenic	-5.74	< 0.001	-5.22	0.003	-5.74	0.001	-5.17	0.003
Baseline <sup>d</sup>	Water Arsenic	-1.14	0.13	-1.34	0.08	-1.17	0.13	-1.39	0.07
	Toenail Arsenic	0.24	0.89	-0.092	0.96	0.26	0.88	-0.11	0.95

<sup>a</sup> Weights are estimated according to each individual's estimated probability of participating in the follow-up study using logistic regression on age, BMI and arsenic exposures at baseline.