



## **CORRECTION**



## Correction: Urinary C-megalin for screening of renal scarring in children after febrile urinary tract infection

Sohsaku Yamanouchi, Takahisa Kimata, Jiro Kino, Tetsuya Kitao, Chikushi Suruda, Shoji Tsuji, Hiroyuki Kurosawa, Yoshiaki Hirayama, Akihiko Saito and Kazunari Kaneko

© The Author(s), under exclusive licence to the International Pediatric Research Foundation, Inc 2021

Pediatric Research (2022) 92:610-611; https://doi.org/10.1038/s41390-021-01881-0

Correction to: *Pediatric Research* https://doi.org/10.1038/pr.2017.276, published online 6 December 2017

The original version of the above-mentioned article unfortunately contained a mistake. All the units of urinary biomarkers corrected by creatinine including *N*-acetyl-β-D-glucosaminidase (NAG),

 $\beta$ 2-microglobulin (BMG), neutrophil gelatinase-associated lipocalin (NGAL), liver-type fatty acid-binding protein (L-FABP), and C-megalin (full-length megalin) were incorrect throughout the published article including tables and figures. The corrected tables (Tables 2 and 3) and figures (Figs. 2 and 3) are presented below.

Table 2. Blood and urinary biomarkers for identifying renal scarring.

Renal scarring	Present	Absent	<i>P</i> value
Urine			
C-megalin/Cr (×10 pmol/mol)	8.84 (5.64–21.30)	1.34 (0.00–2.69)	0.0004
NAG/Cr (×10 <sup>2</sup> IU/mol)	6.16 (2.51–9.54)	7.29 (5.49–11.85)	0.46
NGAL/Cr (×10 <sup>2</sup> ng/mmol)	3.84 (1.20–19.25)	10.30 (3.37–14.15)	0.28
L-FABP/Cr (×10 <sup>2</sup> ng/mmol)	3.95 (0.00-5.24)	1.38 (0.00–4.03)	0.48
BMG/Cr (×10 <sup>2</sup> μg/mmol)	0.37 (0.15–0.48)	0.36 (0.25–0.62)	0.46
Blood			
Cr (μmol/L)	20.33 (17.68–22.98)	21.22 (18.56–30.06)	0.23
Cys C (mg/L)	0.76 (0.74-0.93)	0.80 (0.71–0.90)	0.80

Median values are expressed with interquartile range in parentheses.  $BMG \beta_2$ -microglobulin, Cr creatinine, Cr cystatin-C, C cystatin-C, C cystatin-C, C cystatin-C, C cystatin-C, C cystatin-C cystatin-C cystatin-C cystatin-C c

Table 3. Specificity, sensitivity, positive predictive value, and negative predictive value dependent on urinary C-megalin values.

Cutoff value of urinary C-megalin (×10 pmol/mol)	Sensitivity (%)	Specificity (%)	Positive-predictive value (%)	Negative-predictive value (%)
4.0	78.3	85.7	90.0	70.6
4.5	78.3	85.7	90.0	70.6
5.0	73.9	85.7	89.5	66.7
5.5	73.9	85.7	89.5	66.7
6.0	73.9	92.9	94.4	68.4
6.5	73.9	92.9	94.4	68.4
7.0	65.2	92.9	93.8	61.9

Published online: 10 December 2021

Fig. 2

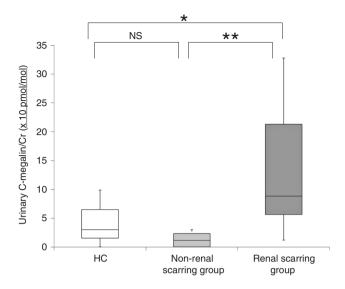
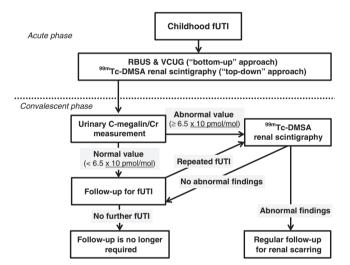


Fig. 4



This mistake was simply due to miscalculation for conversion from 'cgs' to 'SI' units in urinary creatinine concentration and, therefore, it does not affect the conclusion or the effect at all.