Anogenital Measurements in Newborns

Behzat Özkan

İstanbul Medeniyet University Faculty of Medicine, Department of Pediatric Endocrinology, İstanbul, Turkey

Introduction

We would like to thank Oguz Kutlu A for her close interest in our paper entitled "Anogenital Distance in Turkish Newborns". In our study (1), we used caliper for the measurements as Oguz Kutlu A did in her study (2). We compared our anogenital measurements to those obtained in previous studies in the literature (including Oguz Kutlu's study) according to the measurement method used, as shown in the table below. Although different measurement methods were applied, our results were similar to those from the mentioned studies. Variations in the results reported can be due to genetic and ethnic factors, as well as to the measurement methods used and the age of the newborn at the time of the measurements, as it was emphasized in the discussion section of our paper (3). However, anogenital distance measurement method used in the study by Oguz Kutlu A, was wrongly written as tape measurement instead of caliper measurement (2). We are, again, giving the original table including correct measurement technique belonging to Oguz Kutlu A. In addition, I would like to thank her for giving extra information about the genital measurements in the Letter.

Key words: Newborns, caliper, anogenital distance

Conflict of interest: None declared

Received: 26.11.2011 **Accepted:** 17.12.2011

Address for Correspondence

Behzat Özkan MD, İstanbul Medeniyet University Faculty of Medicine, Department of Pediatric Endocrinology, İstanbul, Turkey
E-mail: ozkan.behzat@amail.com

©Journal of Clinical Research in Pediatric Endocrinology, Published by Galenos Publishing.

 $\begin{tabular}{ll} \textbf{Table 1.} & \textbf{Comparison of AGM measurements according to the measurement method used (mean \pmSD)} \end{tabular}$

	Famale AGM	Male AGM	Measurament
	(AF)* (mm)	(ASD)** (mm)	method
Orish et al (6)	25±0.11	30.2±0.14	Tape
Thankamony et al (7)	9.1±3.8	19.8±6.1	Caliper
Salazar et al (8)	11±0.27	21±0.09	Caliper
Oguz Kutlu et al (9)	13.4±3.2	25.8±4.7	Caliper
Present study	10.3±0.2	23±0.6	Caliper

^{*}AF: anus to fourchhette,

References

- Ozkan B, Konak B, Cayir A, Konak M. Anogenital distance in Turkish newborns. J Clin Res Pediatr Endocrinol 2011;3:122-125.
- Oguz Kutlu A. Yenidoğan kız ve erkek bebeklerde anogenital mesafe ölçümü, kız çocuklarda kolay bir klitoris ölçüm yöntemi ve klitoris büyüklüğünü etkileyen faktörler. PP-A11. www.cocukendokrindiyabet.org/kongre2007/ps01-03.htm-55.
- Thankamony A, Ong KK, Dunger DB, Acerini CL, Hughes IA. Anogenital distance from birth to 2 years: a population study. Environ Health Perspect 2009;117:1786–1790.

^{**}ASD: posterior base of the scrotum to the center of the anus,

AGM: anogenital measurements