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ERRATUM

Erratum to: Phenylalanine loading in pediatric patients with dopa-responsive dystonia: revised test protocol and pediatric cutoff values

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In the published original article, the lower part of Table 1 is not presented clearly.

The correct structure of the age-related reference values is given here:

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Table 1 Clinical and biochemical characteristics of patients in subgroup 2

	Age (years)	Sex	Biogenic amines in CSF (nmol/l)		Pterins in CSF (nmol/l)		GTPCH enzyme activity	Molecular diagnosis	L-dopa treatment trial (dose)	Comment
			5HIAA	HVA	BH_4	NEO				
Patient 1	1.7	M	151 (↓)	145 (↓)	<2 (↓)	7	35%	Homozygous missense mutation exon in 1 (c.218C>A; p.A73D)	+ (9.6 mg/kg per day)	Autosomal-recessive GTPCH deficiency without hyperphenyl-alaninemia
Patient 2	14.5	F	62 (↓)	95 (↓)	3 (↓)	3 (↓)	n.d.	Insertion intron 5 (*GCH1*_IVS5 +3insT)	+ (n.a.)	
Patient 3	6.6	F	91 (↓)	169 (↓)	11 (↓)	2 (↓)	n.d.	n.d.	+ (1 mg/kg per day)	
Patient 4	10.2	F	55 (↓)	146 (↓)	<2 (↓)	5 (↓)	n.d.	n.d.	+ (2.9 mg/kg per day)	Positive family history for DRD
Patient 5	2.4	M	158	350	6 (↓)	4 (↓)	28%	n.d.	+ (2.3 mg/kg per day)	
Patient 6	10.7	F	174	414 (↑)	6 (↓)	4 (↓)	n.d.	*GCH1* mutation (details n.a.)	+ (n.a.)	Under L-dopa supplementation
Patient 7	13.9	M	34 (↓)	112 (↓)	2 (↓)	2 (↓)	63 %	Heterozygous deletion of all 6 exons	+ (1.9 mg/kg per day)	Positive family history for DRD
Normal values	Age (years)		5HIAA	HVA	BH4	NEO				
	<1		155-359	364-870	24-59	7-31				
	<2		155-359	364-870	20-61	5-53				
	<5		130-362	313-824	20-61	5-53				
	<8		110-247	240-713	20-49	7-27				
	<12		90-327	220-560	20-49	7-27				
	<15		75-203	217-507	20-49	7-27				

n.d. not done, *n.a.* not available, *CSF* cerebral spinal fluid, *HIAA* 5-hydroxyindoleacetic acid, *HVA* homovanillic acid, BH_4 tetrahydrobiopterin, *NEO* neopterin, GTPCH guanosine triphosphate cyclohydrolase I, *DRD* dopa-responsive dystonia