



Corrigendum: Figural Memory Impairment in Conjunction With Neuropsychiatric Symptoms in IgLON5 Antibody-Associated Autoimmune Encephalitis

Niels Hansen^{1*}, Sina Hirschel¹, Winfried Stöcker², Anja Manig³, Hannah Sönne Falk⁴, Marielle Ernst⁴, Ruth Vukovich¹, Inga Zerr⁵, Jens Wiltfang^{1,6,7} and Claudia Bartels¹

¹ Department of Psychiatry and Psychotherapy, University Medical Center Goettingen, Goettingen, Germany, ² Euroimmun Laboratory, Seekamp, Luebeck, Germany, ³ Department of Clinical Neurophysiology, University Medical Center Goettingen, Goettingen, Germany, ⁴ Department of Neuroradiology, University Medical Center Goettingen, Goettingen, Germany, ⁵ Neurochemical Laboratory, Department of Neurology, University Medical Center Goettingen, Goettingen, Germany, ⁶ German Center for Neurodegenerative Diseases, Goettingen, Germany, ⁷ Neurosciences and Signalling Group, Department of Medical Sciences, Institute of Biomedicine, University of Aveiro, Aveiro, Portugal

OPEN ACCESS

Keywords: encephalitis, IgLON5 antibodies, memory impairment, figural memory, autoimmunity

Edited and reviewed by:

Fabrizio Piras, Santa Lucia Foundation (IRCCS), Italy

*Correspondence:

Niels Hansen niels.hansen@med.uni-goettingen.de

Specialty section:

This article was submitted to Aging Psychiatry, a section of the journal Frontiers in Psychiatry

Received: 30 July 2020 Accepted: 24 August 2020 Published: 11 September 2020

Citation:

Hansen N, Hirschel S, Stöcker W,
Manig A, Falk HS, Ernst M,
Vukovich R, Zerr I, Wiltfang J and
Bartels C (2020) Corrigendum: Figural
Memory Impairment in Conjunction
With Neuropsychiatric Symptoms in
IgLON5 Antibody-Associated
Autoimmune Encephalitis.
Front. Psychiatry 11:589466.
doi: 10.3389/fpsyt.2020.589466

A Corrigendum on

Figural Memory Impairment in Conjunction With Neuropsychiatric Symptoms in IgLON5 Antibody-Associated Autoimmune Encephalitis

By: Hansen N, Hirschel S, Stöcker W, Manig A, Falk HS, Ernst M, Vukovich R, Zerr I, Wiltfang J and Bartels C. (2020). Front. Psychiatry 11:576. doi: 10.3389/fpsyt.2020.00576

In the original article, we overstayed to include the funder "Open Access Publication Fund of the Georg-August-University of Göttingen". A correction has been made to the **Funding**:

"This work was supported by the Open Access Publication Fund of the Georg-August-University of Göttingen."

In the original article, there was a mistake in **Table 1** as published. The reference values for Aß1-42 and Aß ratio were incorrectly reported in **Table 1**. Furthermore, the displayed unit of Aß ratio was incorrect in **Table 1**. **The correct reference values in Table 1 are: Aß1-42 pg/ml (pathological:** < **450 pg/ml) and Aß ratio (pathological:** < **0.5).** The correct reference values of Aß1-42 and Aß ratio and the corrected **Table 1** appear below.

The authors make an apology for these errors. In addition, the authors declare that this does not alter the scientific conclusions of the article.

Copyright © 2020 Hansen, Hirschel, Stöcker, Manig, Falk, Ernst, Vukovich, Zerr, Wiltfang and Bartels. This is an open-access article distributed under the terms of the Creative Commons Attribution License (CC BY). The use, distribution or reproduction in other forums is permitted, provided the original author(s) and the copyright owner(s) are credited and that the original publication in this journal is cited, in accordance with accepted academic practice. No use, distribution or reproduction is permitted which does not comply with these terms.

1

TABLE 1 | Results of individual investigations at first visit and follow-up.

Parameter	First visit	Follow-u
CSF analysis		
Cell count /ul (pathological: >5 µl)	8	8
Lymphocytes in %	93	92
Monocytes in %	5	
Plasma cells in %	2	2
Albumin mg/L	518	615
gG mg/L	69.3	62.5
IgA mg/L	10.7	9.6
IgM mg/L	0.97	0.84
QAlb %	11.5	15.4
QlqG %	7.3	8.9
QlgA %	4.3	5.2
QlgM %	2.4	2.4
Lactat mmol/L	2	2
Oligoclonal IgG	_	_
NSE ng/ml (pathological: >30 ng/ml)	19.3	
S100 µg/ml (pathological: >2.7 µg/ml)	2	•
Tau pg/ml (pathological: >450 pg/ml)	409	•
P-Tau 181 pg/ml (pathological: > 430 pg/ml)	68	•
AB1-42 pg/ml (pathological: < 450 pg/ml)	715	•
		•
AB1-40 pg/ml	9565	•
Aß ratio (pathological: < 0.5)	0.75	•
Serum		
Oligoclonal IgG	-	_
CRP mg/l	42.5	1.1
_eukocytes 10 ³ μl	5.63	4.29
Neuropsychological testing*	0.0	
MMSE	30	29
CDT	01	01
CERAD Boston Naming Test	PR 31	PR 82
CERAD semantic fluency	PR 50	PR 66
CERAD phonemic fluency	PR 82	PR 62
TMT part A	PR 76	PR 99
WAIS-IV Digit Symbol Test	PR 84	PR 95
TMT division part B/A	PR 84	PR 58
RWT semantic fluency (alternating)	PR 30	PR 75
RWT phonemic fluency (alternating)	PR 63	PR 54
WAIS-IV Digit Span forward	PR 05*	PR 05*
WAIS-IV Digit Span backward	PR 16	PR 16
CERAD List Learning (trials 1-3)	PR 34	PR 34
CERAD List Recall (savings)	PR 46	PR 54
CERAD List Recognition/discriminibility	PR 21	PR 79
WMS-IV Logical Memory I	PR 50	PR 50
WMS-IV Logical Memory II	PR 16	PR 50
CERAD Figure recall (savings)	PR 01*	PR 12*
WMS-IV Visual Reproduction I	PR 25	PR 50
WMS-IV Visual Reproduction II	PR 50	PR 75
CERAD Figure Copy	PR 73	PR 18
ROCFT Copy	PR>16	PR>16
WAIS-IV Block Design	PR 25	PR 75
Psychopathology		
BDI-II	04	05
Polysomnography	J 1	00
Apnoe-Hypopnoe-Index		9.7
чрное-пурорное-шаех РLMI	•	9.7 64.6
	•	94
Basal 0 ₂ desaturation %	•	
Minimal 0 ₂ desaturation %	•	89.0
O ₂ desaturation index %		13

*For better comparison, cognitive data is presented as percentiles (PR) unless otherwise indicated. Asterisk denote performance below the normal range (PR<16). . = data not available. - = not present. Polysomnography data are derived from the second night. AHI, apnoe-hyperpnoe index; Aβ ratio, β amyloid 1-42/1-40 ratio; Aβ1-40, β amyloid 1-40; Aβ1-42, β amyloid 1-42; BDI-II, Beck Depression Inventory; CSF, cerebrospinal fluid; IgA, immunoglobulin A; IgG, immunoglobulin G; IgM, immunoglobulin M; MMSE, Mini-Mental Status Examination; CDT, Clock Drawing Test; CERAD, Consortium to Establish a

Registry for Alzheimer's Disease; TMT, Trail Making Test; RWT, ROCFT, Rey-Osterrieth-Complex-Figure test; WAIS-IV, Wechsler Adult Intelligence Scale IV; WMS-IV, Wechsler Memory-Scale IV, NSE, neuron specific enolase; O2 desaturation, oxygen desaturation; PLMI, periodic limb movement index; P-tau181, phosphorylated tau protein 181; QAlb, quotient albumin; QIgA, quotient immunoglobulin A; QIgG, quotient immunoglobulin G; QIgM, quotient immunoglobulin M; T-tau, total tau protein.