

## **DICHIARAZIONE SOSTITUTIVA DELL'ATTO DI NOTORIETA'**

(Art. 47 D.P.R. 28 Dicembre 2000, n. 445)

La sottoscritta Simona Leonardi nata a Messina (ME) il 25/07/1983 e residente in Messina (ME), via Risorgimento n°13, 98122.

*consapevole delle sanzioni penali richiamate dall'art. 76 del D.P.R 28/12/00 n. 445 in caso di dichiarazioni mendaci e della decadenza dei benefici eventualmente conseguenti al provvedimento emanato sulla base di dichiarazioni non veritieri, di cui all'art. 75 del D.P.R. del 28/12/00 n. 445, sotto la propria responsabilità*

### **PUBBLICAZIONE SCIENTIFICHE:**

XLV Congresso Società Italiana di Neurologia. Cagliari 11-14 Ottobre.

Ottobre 2014. Computerized Cognitive Rehabilitation In Melas Syndrome: Case Report. Rosaria De Luca, M. Russo,L. Spadaro,C. Cicero, S. Leonardi, P. Tomasello, P. Bramanti, R. Calabro.

Ottobre 2014. A Standardized Approach In Computer Based Cognitive Rehabilitation For Acquired Brain Injury: Preliminary Results. Letteria Spadaro, R. De Luca, M. Torrisi S. Leonardi, R. S. Calabro', P. Bramanti.

XLVI Congresso Società Italiana di Neurologia. Genova 10-13 Ottobre.

De Luca R., Leonardi S., Tomasello P., Trifiletti A., Calabro R.S. and Bramanti P. The effects of - based training in Aphasia post-stroke: a case study.

De Luca R, Russo M, Leonardi S, Spadaro L, Cicero C1, Naro A, Bramanti P, Calabro RS Advances in the Treatment of MELAS Syndrome: Could Cognitive Rehabilitation Have a Role?

Calabro RS, Naro A, De Luca R, Leonardi S, Russo M, Marra A, Bramanti P. Pealut efficacy in Mild Cognitive Impairment evidence from a spect case study. Agin Clin Exp Res. IF 2.6.

Rocco Salvatore Calabro, MD, PhD, Rosaria De Luca, MSC, PhD, Antonio Leo, NPT, Antonio Naro, MD, PhD, Margherita Russo, MD, PhD, Tina Balletta, FT, Giovanni Trobetta, FT, Ileana Saccà, NP, Francesco Molonia, NP, Provvidenza Tomasello, NP, Michele Torrisi, PsyD, Simona Leonardi; PsyD, Valeria Conti Nibali, ST, Alessia Bramanti, Bioeng, and Placido Bramanti, MD.

Title: Innovations in Stroke Rehabilitation: From Research to Clinical Practice.

In: Horizons in Neuroscience Research. Ed. Andres Costa and Eugenio Villalba 2015 Nova Science Publishers, Inc. ISBN: 978-1-63482-368-5.

Calabrò RS, Naro A, De Luca R, **Leonardi S**, Russo M, Marra A, Bramanti P. *Pealut efficacy in Mild Cognitive Impairment evidence from a spect case study*. Agin Clin Exp Res. I.F 2.6

De Luca R, Russo M, **Leonardi S**, Spadaro L, Cicero C, Naro A, Bramanti P, Calabrò RS. *Advances in the Treatment of MELAS Syndrome: Could Cognitive Rehabilitation Have a Role?* Appl Neuropsychol Adult. 2016;23(1):61-4.

De Luca R., Bramanti A., De Cola MC, **Leonardi S**, Trifiletti A., Ferrara MD., Amante P., Casella C., Bramanti P., Calabrò RS. *Cognitive training for pazients with dementia living in a Sicilian nursing home: a novel web based approach*. Neurol Sci. 2016 Oct;

**Leonardi S**, Cacciola A., De Luca R, Aragona B, Andronaco V, Milardi D, Bramanti P, Calabrò RS. *The role of music therapy in rehabilitation: improving aphasia and beyond*. Int J Neurosci. 2017 Jul. Review.

Rosaria De Luca\* Viviana Lo Buono\*, Bianca Aragona, Antonio Leo, Margherita Russo, **Simona Leonardi**, Antonio Buda, Antonio Naro and Rocco Salvatore Calabrò. *The use of virtual reality in improving post-stroke neglect: promising neuropsychological and neuropsychological findings from a case study*. Neuropsychological Rehabilitation. 2017.

De Luca R, **Leonardi S**, Spadaro L, Russo M, Aragona B, Torrisi M, Maggio MG, Bramanti A, Naro A, De Cola MC, Calabrò RS. *Improving Cognitive Function in Patients with Stroke: Can Computerized Training Be the Future?* J Stroke Cerebrovasc Dis. 2018 Apr.

De Luca R, Russo M, Naro A, Tomasello P, **Leonardi S**, Santamaria F, Desireè L, Bramanti A, Silvestri G, Bramanti P, Calabrò RS. *Effects of virtual reality-based training with BTs-Nirvana on functional recovery in stroke patients: preliminary considerations*. Int J Neurosci. 2018 Sep;128(9):791-796.

Torrisi M, De Luca R, Pollicino P, **Leonardi S**, Marino S, Maresca G, Maggio MG, Piccolo A, Bramanti P, Calabrò RS. *Post-stroke delusions: What about the neuroanatomical and neurofunctional basis?* Appl Neuropsychol Adult. 2018 Jan.

De Luca R, Aragona B, **Leonardi S**, Torrisi M, Galletti B, Galletti F, Accorinti M, Bramanti P, De Cola MC, Calabrò RS. *Computerized Training in Poststroke Aphasia: What About the Long-Term Effects? A Randomized Clinical Trial.* J Stroke Cerebrovasc Dis. 2018 Aug; 27(8):2271-2276.

De Luca R, **Leonardi S**, Portaro S, Le Cause M, De Domenico C, Colucci PV, Pranio F, Bramanti P, Calabrò RS. *Innovative use of virtual reality in autism spectrum disorder: A case-study.* Appl Neuropsychol Child. 2019 May.

De Luca R, Russo M, Gasparini S, **Leonardi S**, Foti Cuzzola M, Sciarrone F, Zichittella C, Sessa E, Maggio MG, De Cola MC, Calabrò RS. *Do people with multiple sclerosis benefit from PC-based neurorehabilitation? A pilot study.* Appl Neuropsychol Adult. 2019 Aug 15:1-9.

Impellizzeri F, **Leonardi S**, Latella D, Maggio MG, Foti Cuzzola M, Russo M, Sessa E, Bramanti P, De Luca R, Calabrò RS. *An integrative cognitive rehabilitation using neurologic music therapy in multiple sclerosis: A pilot study.* Medicine (Baltimore). 2020 Jan;99(4):

De Luca R, Latella D, Maggio MG, **Leonardi S**, Sorbera C, Di Lorenzo G, Balletta T, Cannavò A, Naro A, Impellizzeri F, Calabrò RS. *Do patients with PD benefit from music assisted therapy plus treadmill-based gait training? An exploratory study focused on behavioral outcomes.* Int J Neurosci. 2020 Jan.

Maggio MG, De Luca R, Manuli A, Buda A, Foti Cuzzola M, **Leonardi S**, D'Aleo G, Bramanti P, Russo M, Calabrò RS. *Do patients with multiple sclerosis benefit from semi-immersive virtual reality? A randomized clinical trial on cognitive and motor outcomes.* Appl Neuropsychol Adult. 2020 Jan 10:1-7.

De Luca, R., Maresca, G., Balletta, T., Cannavò, A., **Leonardi, S.**, Latella, D., Maggio, M. G., Portaro, S., Naro, A., & Calabrò, R. S. (2020). Does overground robotic gait training improve non-motor outcomes in patients with chronic stroke? Findings from a pilot study. *Journal of clinical neuroscience: official journal of the Neurosurgical Society of Australasia*, 81, 240–245

**Leonardi S**, Maggio MG, Russo M, Bramanti A, Arcadi FA, Naro A, Calabò RS, De Luca R. Cognitive recovery in people with relapsing/remitting multiple sclerosis: A randomized clinical trial on virtual reality-based neurorehabilitation. *Clin Neurol Neurosurg*. 2021 Sep; 208:106828.

Maresca G, Formica C, Nocito V, Latella D, **Leonardi S**, De Cola MC, Triglia G, Bramanti P, Corallo F. Neuropsychological assessment in Niemann-Pick disease type C: a systematic review. *Neurol Sci*. 2021 Aug;42(8):3167-3175. Epub 2021 May 22.

De Luca R, De Cola MC, **Leonardi S**, Portaro S, Naro A, Torrisi M, Marra A, Bramanti A, Calabò RS. How patients with mild dementia living in a nursing home benefit from dementia cafés: a case-control study focusing on psychological and behavioural symptoms and caregiver burden. *Psychogeriatrics*. 2021 Jul;21(4):612-617. Epub 2021 May 18.

De Luca R, Maggio MG, **Leonardi S**, Marra A, Casella C, Calabò RS. Is psychosocial rehabilitation useful in older people living in nursing homes? A pilot study on long-term cognitive and behavioural outcomes. *Psychogeriatrics*. 2021 Dec 11.

De Luca, R., **Leonardi, S.**, Maresca, G., Marilena, F. C., Latella, D., Impellizzeri, F., ... & Calabò, R. S. (2021). Virtual reality as a new tool for the rehabilitation of post-stroke patients with chronic aphasia: an exploratory study. *Aphasiology*, 1-11.

Maresca, G., Nocito, V., De Salvo, S., Formica, C., **Leonardi, S.**, Bramanti, P., de Cola, M. C., & Corallo, F. (2021). Assessment and rehabilitation of cognitivo deficit in a Niemann-Pick type C disease patient. *Neurocase*, 27(2), 113–116.

De Luca, R., Russo, M., Gasparini, S., **Leonardi, S.**, Foti Cuzzola, M., Sciarrone, F., Zichittella, C., Sessa, E., Maggio, M. G., De Cola, M. C., & Calabò, R. S. (2021). Do people with multiple sclerosis benefit from PC-based neurorehabilitation? A pilot study. *Applied neuropsychology. Adult*, 28(4), 427–435.

Maresca, G., Leonardi, S., De Cola, M. C., Giliberto, S., Di Cara, M., Corallo, F.,& Pidalà, A. (2022). Use of Virtual Reality in Children with Dyslexia. *Children*, 9(11), 1621.

Corallo F, Bonanno L, Cardile D, et al. Improvement of Self-Esteem in Children with Specific Learning Disorders after Donkey-Assisted Therapy. *Children (Basel)*. 2023;10(3):425. Published 2023 Feb 22.