

Using “deductive Method” in Psychotherapy: a Change of Paradigm in Clinical Practice From Quantum Field Theory

D. Polese¹, A. Mazzetta², M. Consolazione³, **D. Delisi**⁴, M. Fagioli⁵, A. Masini⁶, L. Giorgini⁷, M.G. Gatti⁸, M. Pettini⁹, P.F. Nastro¹⁰

¹Department of Neuroscience, Unit of Psychiatry, “Federico II” ; ²Resident at Residency Program in Psychiatry, “Tor Vergata” University of Rome, Rome, Italy ; ³Resident at Residency Program in Psychiatry, “Federico II”, University of Naples ; ⁴Resident at Residency Program in Psychiatry, SUN, University of Naples ; ⁵Department of Psychology, “Sapienza” University of Rome, Rome ; ⁶Public Service, Department of Mental Health, ASL Rome D ; ⁷Department of Psychology, “Sapienza” University of Rome, Rome, Italy ; ⁸Follow up and neurobehavioral development of preterm infants and high risk neonates Service, Hospital of Siena, Pediatrics Graduate School University of Siena ; ⁹Theoretical Physics at Physics Department, Aix-Marseille University, France ; ¹⁰Department of Neurology and Psychiatry, “Sapienza” University of Rome, Rome, Italy

Introduction: In psychotherapy, the object of study is not directly perceptible and material, but involves human mind complexity and specific content

Objectives: In psychotherapeutic relationship we propose a method to inspect by deduction non-conscious mind, patient hidden mood, hate, affectivity.

Aims: The aim of this work is using a modern physics research method in psychotherapy, in order to focus on what is not directly perceptible in clinical practice.

Methods: We can examine, instead of 'inductive method', the 'deductive method', adapted from physics theoretical approach. We have taken into consideration 'Human Birth Theory', formulated in 1971 by psychiatrist Fagioli. The author conceived the beginning of human life as a neuropsychic reaction to light. Given the intrauterine dark, Fagioli deduced that brain at birth are activated by 'the absolutely new stimulus', light. He also deduced 'vitality' and 'capability to imagine' as non-conscious mind features. We have checked recent neurobiological data in literature.

Results: Functional maturation of 'subplate zone', light-induced Immediate Early Genes activation, SATs variations, from foetus to newborn, retina instant activation by photon, 'viability' support Fagioli's theory.

Conclusions: In relativistic physics and quantum field theory, deduction is finalised to discover hidden processes, in order to know the primum movens, not perceptible. In psychodynamic psychotherapy, the object par excellence is not just brain, like in neurology, but psyche. Its content is not directly knowable, but can be known also by deductive method, involving intuition, together perception of patient. In psychotherapy physics method can be applied, to discover the non-conscious thought, previous to pathological behaviour. Clinical examples can be reported.