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## Power of the Placebo, Effect and its Different Role

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**Abstract:** Placebo treatment is considered as an effect which improves patient's health because of his belief in the treatment or drug but has no active properties. This is mostly related with psychology of the patient and results in improvement of health even on using non clinical treatment.

Keywords: Placebo, Placebo Effect, Historical overview of placebo, Immune response, Medical Ethic

## REFERENCES

- Berk, M. (2007). The place of placebo? The ethics of placebo-controlled trials in bipolar disorder. ActaNeuropsychiatrica, 19, 74-75. Benedetti, F., Mayberg, H. S., Wager, T. D., Sohler, C. S., &Zubieta, J. K. (2005).
- [2]. Koshi, E. B., & Short, C. A. (2007).
- [3]. Placebo psychotherapy. Journal of Clinical Psychology, 61, 791-803.
- [4]. Benedetti, F., Mayberg, H. S., Wager, T. D., Sohler, C. S., &Zubieta, J. K. (2005). Neurobiological mechanisms of the placebo effect. The Journal of Neuroscience, 25, 10390-10402.
- [5]. Quincy J. Quincy's Lexicon-Medicum. A New Medical Dictionary. Revised by R Hooper. London, 1811
- [6]. Amanzio M, Benedetti F. Neuropharmacological dissection of placebo analgesia: expectation-activated opioid systems versus conditioning-activated specific subsystems. J Neurosci. 1999;19(1):484-494.
- [7]. Bausell RB. Snake Oil Science. 2007. New York: Oxford University Press.
- [8]. Benedetti F, Arduino C, Costa S, et al. Loss of expectation-related mechanisms in Alzheimer's disease makes analgesic therapies less effective. Pain. 2006;121:133-144.
- [9]. Beyerstein BL. Distinguishing science from pseudoscience. 1995. Victoria, B.C.: The Centre for Curriculum and Professional Development. Accessed at www.sfu.ca/~beyerste/research/articles/02SciencevsPseudoscience.pdf on November 8, 2007. Content no longer available.
- [10]. Boström H. Placebo-the forgotten drug. Scand J Work Environ Health. 1997;23 Suppl 3:53-57
- [11]. Colloca L, Benedetti F. Placebo analgesia induced by social observational learning. Pain. 2009 Mar 9.
- [12]. Beecher HK. Surgery as placebo. JAMA. 1961; 176:1102-1107.
- [13]. . Spiro HM. Doctors, Patients, and Placebos. New Haven, Conn: Yale University Press; 1986
- [14]. Reiss S. Pavlovian conditioning and human fear: an expectancy model. BehavTher. 1980;11:380-396.
- [15]. 44. Wall PD. Pain and the placebo response. Ciba Found Symp. 1993;174:187-211.
- [16]. Benson H, McCallie DP Jr. Angina pectoris and the placebo effect. N Engl J Med 1979;300:1424–9
- [17]. Spratt ML, Denney DR. Immune variables, depression, and plasma cortisol over time in suddenly bereaved parents. J NeuropsychClinNeurosci 1991;3:299–306.
- [18]. Simmonds A. Ethics of placebo-controlled trials in developing countries: The search for standards and solutions. The Journal of Undergraduate Writing Program, New York: Columbia University; 2009-2010. p. 1-7.
- [19]. EMEA European Guidelines, 2008
- [20]. Available from: http://www.research.uci.edu/Placebo-Controlled Studies.htm. [Last accessed on 2008 Apr].

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