

# II. Naturopathic Principle: Healing Power of Nature (vis edicatrix naturae)

#### **Origin:**

The concept of *vis medicatrix naturae* started with the Corpus Hippocraticum in 400 BC. The study of medicine, at that time, was based on the observation of nature and nature was the force to restore health and balance in humans. The task of the physician was, to support nature in that path. One of the main statements was: "Medicus curat, natura sanat".

In the Aphorism of the Corpus Hippocraticum it says:

"The natural healing power (vis), which stimulates the material, the inner warmth implanted in the body, is the reason and source of his life."<sup>(47)</sup>

Paracelsus (1493-1541) a Swiss philosopher and physician stated about the healing power of nature:

"Life is governed by a self-regulating and self-healing intelligence; its function is to assimilate healthy material into organism and defend it against invasions from outside. Seated in the stomach; likened to fire."<sup>(20)</sup>

Around 1850 there was a divide in medicine between the traditional medical practitioners and those that were embracing science and technology. The traditional practitioners maintained that the *vis medicatrix naturae* was the central concept or law of health; those that embraced science and technology went on to from what is known as conventional medicine.<sup>(48, 49)</sup> It is not that traditional medical practices, like naturopathic are not science based, it is that they still hold the original concepts of health and healing as core to their foundation and practice.

### **Description:**

The term *vis medicatrix naturae* denotes the body's ability to heal itself. This healing power is an inherent self-organizing, ordered healing process of living



systems which establishes, maintains and restores health. The *vis medicatrix naturae* has been referred to an extension of creator consciousness or cosmic consciousness.<sup>(50)</sup>

Although nature doctors, including naturopathic doctors, have been the greatest champions of this doctrine, the mystery surrounding the *healing power of the body* was part of medicine since the beginning of time. The medical historian, Max Neuburger stated. "there are innate or natural laws surrounding life, health and disease. These laws involve man living in harmony with nature and recognizing the wisdom of the body to heal itself."<sup>(51)</sup>

The concept of the *vis medicatrix naturae* is Universal and incorporates the traditional beliefs in many world regions. Among New Zealand Maori (indigenous peoples of New Zealand) the healing power of nature is referred to as "*Te oranga*" mai te taiao" which means "reliance on the natural processes and life-forces to heal". The term *taiao* indicates nature. *Tai* is translated as 'the waters or the sea', which indicates the land's boundaries (the coast). Ao indicates 'the world, the earth'. Oranga is pertaining to welfare. It derives from the word ora, which could be translated as 'of the sun' (ra being the sun), the source of all life. The term wai ora is also often used. The Maori word 'wai', while it also translates as water, also refers to the spirit (*wairua*). Wai evokes a flow and 'ora' means the life force. This term is evocative of the flowing life force within us, which is none other than that which flows through all nature, all creation. Thus, nature is seen as the force of healing, be it the waters, the sun, the earth our own vital force. In this sense naturopathy cannot be divorced from the environment around us. Humans are part of that environment and it is part of the human being, in that environmental influences affect the cellular make-up of the human being.<sup>(52)</sup>

As the focus is on facilitating the endemic healing within a person, it is the naturopaths / naturopathic doctor's role to support, facilitate and augment the *vis medicatrix naturae* process by identifying and removing obstacles to health and recovery, by supporting the creation of a healthy internal and external environment and ensuring that the mind is acting towards wellbeing.<sup>(8)</sup> A naturopathic belief is that symptoms are often the manifestation of the body's

 $\mathbf{2}$ 



attempt to defend and heal itself. When the root cause of the symptoms and the obstacles to cure are identified, and addressed the body will often be able to initiate the healing process on its own. With lifestyle changes, the use of natural therapies, such as herbs, foods, water, fasting and tissue manipulation, the *vis medicatrix naturae*, or the healing power of the body, is supported.<sup>(17)</sup>

Examples of the vis medicatrix naturae:

- you cut a finger and wound automatically starts to heal;
- fever is a natural response to a pathogen, flu or virus;
- vomiting or diarrhea are the body's way of responding to food poisoning;
- fractures, when aligned, heal often on their own; and
- after major surgeries or treatments, such as chemotherapy or radiation, the body will initiate healing.

Naturopaths seek to harness the organism's own natural healing energies, by applying therapies that are in harmony with nature and in harmony with the needs of the patient. While this is the ideal, it is acknowledged that, at times, naturopaths need to override the natural processes to preserve health, as in surgery, or severe infection, where methods that are directly contrary to the natural processes are applied.<sup>(41)</sup>

Naturopaths / naturopathic doctors apply the vis medicatrix naturae by:

- Treating the patient; not the disease;
- Removing obstacles to healing by identifying and treating the cause of disease;
- Decreasing the toxic load to allow the innate healing ability to come through;
- Directing the *vital force* to stimulate the body's own defences and healing ability; and
- Decreasing a person's susceptibility to disease.<sup>(41)</sup>

## Contributors to the Healing Power of Nature (vis medicatrix naturae)

The vis medicatrix naturae is considered one of the most important naturopathic



principles. Many practitioners have written about and explored this concept over the years including:

> C. W. Hufeland (1762-1836) said about the healing power of nature:

"The truth of health can be found in the *vis medicatrix naturae*, vis natura regeneratrix and in *vital force*." <sup>(53)</sup>

In his book "*Lehrbuch der Allgemeinen Heilkunde*" (1818) he stated about the healing power of nature:

"The human body has not only the capacity to maintain his own and his life, but also to resolve disorders and wrong conditions. The nature itself is able to cure diseases. Innumerable people have already been restored in this way, without all the aid of the art of healing, and they are still daily. The doctrine of the healing power of nature deserves our greatest attention, because this natural effect is attended to in every way, even in artificial healing. Yes, there are diseases, which we have to leave alone to this treatment."<sup>(54)</sup>

Russel Thacker Trall (1812-1877, North America. Trall was a promoter of vegetarian diet, hydropathy and self-healing power of nature. Trall opened in 1844 the first "Water Cure Centre" in N.Y. city, in 1847 Trall founded the "Hygienic Institute N.Y." and in 1852 he opened the "Hydropathic and Physiological School". One of his statements was:

"...we must never forget that Nature is the true physician."<sup>(55)</sup>

He has contributed an important part to health promotion.was a pioneer of the natural health movement in the United States. He stated that every time an action is carried out in the living organism as a consequence of external influences, the action must be attributed to the living, which has the power to act. Trall contributed to the *vis* the following: "Nature is the remedial principle" <sup>(56)</sup> That means, that it is not the remedy or the treatment the physician applies, that restores health, but the nature in humans – the *vis medicatrix naturae*.



Henry Lindlahr, ND, MD (1862-1924) was born in Germany and helped by Father Kneipp in a health problem. He went to the US, studied medicine and became a famous naturopath and hydrotherapist. He quoted about the vis medicatrix naturae:

"It is this supreme power and intelligence, acting in and through every atom, molecule and cell in the human body, which is the true healer, the vis medicatrix naturae, which always endeavours to repair, to heal and to restore obstructions and to establish normal conditions within and around the patient, so that the healer within can do his work to the best advantage."<sup>(42)</sup>

William A. Mitchell, Jr., ND (1947-2007), was an American naturopathic doctor, teacher and philosopher and taught at various naturopathic colleges throughout North America during the past 30 years. He stated about the Vis:

"The *Vis* is not weakened or strengthened by the strength of the individual. The *vis medicatrix naturae* exists internally and universally. The "*Vis*" is an equation. The result of the harmonious balanced functioning of all systems at all levels. Values in the equation can change, thus affect how strong an individual is, or how long an individual lives . . . but the law of nature simply exists. The level of vitality of any part of the equation can change, however, the *Vis* is the equation itself." <sup>(57)</sup>

Roger Newman Turner, ND, DO, an English naturopath, teacher and author quoted:

"The*Vis* at work is an inherent, purposive process of restoring normality in the body that is fundamentally the same whatever the challenge." <sup>(58)</sup>

John Arthur Thomson (1861-1933) was a Scottish naturalist whose clearly written books on biology and attempts to correlate science and religion led to wider public awareness of progress in the biological sciences. He stated, that



healing is the mindful contact with the animate and inanimate natural portions of the outdoor environment.

"What then do I mean tonight by the healing power of nature? I mean to refer to the way in which Nature ministers to our minds, all more or less diseased by the rush and racket of civilization, and helps to steady and enrich our lives. My first point is that there are deeplyrooted, old established, far-reaching relations between Man and Nature which we cannot ignore without loss... there would be less "psychopathology of everyday life" if we kept up our acquaintance... we have put ourselves beyond a very potent *vis medicatrix naturae* if we cease to be able to wonder at the grandeur of the star-strewn sky, the mystery of the mountains, the sea eternally new, the way of the eagle in the air, the meanest flower that blows, the look in a dog's eye."<sup>(59)</sup>

Joe Pizzorno, ND from the United States, is a naturopathic physician, educator, researcher and expert spokesperson. He is the founding president of Bastyr University. Pizzorno says about the Vis:

*"Vis medicatrix naturae* is the manifestation of the universal Consciousness in biological form. Our environment, beliefs, interactions with others, actions, lifestyle, diet, etc. modulate the manifestation of the *Vis* as our vitality, but *Vis* itself is immutable. As we harmonize with the *Vis*, our consciousness expands." <sup>(60)</sup>

Foundations of Naturopathic Medicine Project is an international collaboration of more than 200 authors. They state about the Vis:

"Vis medicatrix naturae is the equation; natural law & complex system of healing.Vis medicatrix naturae is based in and affected by a unified field created through both



upward and downward causation originating in Spirit. This natural law behavior can be observed through phenomena of traditional laws of healing (eg: dual effect, similars, unity of disease and cure, sevens, suppression, healing reaction, therapeutic order, Hering's Rules. etc). It may be called the healing power and process of nature. Both consciousness and material inputs affect the *Vis medicatrix naturae*. Vis = life force. Vital force and life force may be the same. The vital force is not the same as *Vis medicatrix naturae*. The vital force powers the *Vis medicatrix naturae* within the human organism."<sup>(61)</sup>



## References

- 1. Lloyd I Hausser T, Wardle J, Parker T, Cottingham P, World Naturopathic Federation. World Naturopathic Federation Report: Findings from the 1st World Naturopathic Federation survey. Toronto: World Naturopathic Federation; 2015.
- 2. Hausser T, Lloyd I, Yánez J, Cottingham P, Turner RN, Abascal A. WNF Naturopathic Roots Report. Toronto: World Naturopathic Federation; 2016.
- 3. World Naturopathic Federation. 2016 Naturopathic Numbers Report. Toronto: World Naturopathic Federation; 2016.
- 4. World Health Organisation. Benchmarks for training in Naturopathy. Geneva: World Health Organisation; 2010. Report No.: WB 935.
- 5. NA. History of Naturopathic Medicine Portland, OR: National University of Natural Medicine; 2017 [Available from: <u>http://nunm.edu/history-of-naturopathic-medicine/</u>.
- 6. Frawley D. Gods, Sages and Kings: Vedic Secrets of Ancient Civilization. 2 ed. Twin Lakes, WI: Lotus Press; 2012.
- 7. Unschuld P. Huang Di Nei Jing Su Wen: Nature, Knowledge, Imagery in an Ancient Chinese Medicaql Text. Berkley, CA: University of California Press; 2003.
- 8. Lloyd I. The Energetics of Health, a naturopathic perspective. St Louis: Elsevier, Churchill Livingstone; 2009.
- 9. Jagtenberg T, Evans S, Grant A, Howden I, Lewis M, Singer J. Evidence-Based Medicine and Naturopathy. The Journal of Alternative and Complementary Medicine. 2006;12(3):323-8.
- 10. Marketos SG, Skiadas PK. The Modern Hippocratic Tradition:: Some Messages for Contemporary Medicine. Spine. 1999;24(11):1159-63.
- 11. Sallis J. Being and Logos: Reading the Platonic Dialogues. Bloomington, IN: Indiana University Press; 1996.
- 12. Charlton W. Aristotle's Definition of Soul. Phronesis. 1980;25(2):170-86.
- 13. Sweet V. Hildegard of Bingen and the greening of medieval medicine. Bulletin of the History of Medicine. 1999;73(3):381-403.
- 14. Hildegard of Bingen. Libro de las Causes y remedios de las enfermedades. Madrid: Hildegardiana, Tina Hausser(Trans); 2013.
- 15. Rosner F. The medical legacy of Moses Maimonides. Hoboken, NJ: KTAV Publishing House, Inc.; 1998.
- 16. Gordon HL. The preservation of youth: essays on health. Ann Arbor, MI: Philosophical Library; 1958.
- Bradley RS. Philosophy of naturopathic medicine. In: Pizzorno J, Murray M, editors. Textbook of Natural Medicine. 4 ed. St. Louis, MO: Elselvier; 2013. p. 61-8.
- Kaptchuk TJ. History of vitalism. In: Micozzi MS, editor. Fundamentals of complementary and alternative medicine. 2 ed. Philadelphia, PA: Churchill Livingstone; 2001. p. 43-56.
- 19. Sloan PR. Descartes, the sceptics, and the rejection of vitalism in seventeenth-century physiology. Studies in History and Philosophy of Science Part A. 1977;8(1):1-28.



- 20. Wood M. Vitalism: The history of herbalism, homeopathy and flower essences. Berkeley, CA: North Atlantic Books; 2005.
- 21. Lloyd I. The History of Naturopathic Medicine, a Canadian perspective. Toronto, Canada: McArthur & Company; 2009.
- 22. Whorton JC. Benedict Lust, naturopathy, and the theory of therapeutic universalism. Iron Game History. 2003;8(2).
- 23. Hechtman L. Clinical Naturopathic Medicine. Sydney, Australia: Churchill Livingstone; 2012.
- 24. Connolly G. Naturopathic Case Taking. In: Sarris J, Wardle J, editors. Clinical Naturopathy: An evidence guide to practice. 2 ed. Sydney, Australia: Churchill Livingstone; 2014. p. 1-18.
- 25. Gieser S. The Innermost Kernel: Depth psychology and quantum physics. Wolfgang Pauli's dialogue with C.G. Jung. Berlin, Germany: Springer-Verlag; 2005.
- 26. Capra F. The Web of Life. New York, NY: Anchor Books; 1996.
- 27. Hufeland C. The Art of Prolonging Life. Philadelphia: Lindsay and Blackiston; 1880.
- 28. Hahnemann S. Organon of Medicine. Los Angeles. CA: J.P. Tarcher; 1982.
- 29. Jennings I. The Philosophy of Human Life. Pomeroy, WA: Health Research Books; 1996.
- 30. Just A. Return to Nature: The true natural method of healing and living and the true salvation of the soul paradise regained. New York, NY: Benedict Lust; 1903.
- 31. Navarro M. Fundamentos de Naturopatía, CEAN curriculum page 41. Tina Hausser(Trans).
- 32. Walter R. The Nutritive Cure, New York, NY: I. K. Funk and Co.; 1881.
- Mezzich JE, Salloum IM. Towards a Person-Centred Integrative Diagnosis. Psychiatric Diagnosis: John Wiley & Sons, Ltd; 2009. p. 297-302.
- 34. Barrett B, Marchand L, Scheder J, Plane MB, Maberry R, Appelbaum D, et al. Themes of Holism, Empowerment, Access, and Legitimacy Define Complementary, Alternative, and Integrative Medicine in Relation to Conventional Biomedicine. The Journal of Alternative and Complementary Medicine. 2003;9(6):937-47.
- 35. Costanza R. Toward and operational definition of ecosystem health. In: Costanza R, Norton B, Haskell B, editors. Ecosystem Health: New Goals for Environmental Management. Washingston DC: Island Press; 1992. p. 239-56.
- 36. Lutheritz K. Systeme der Ärzte von Hippokrates bis Brown. Dresden: Thiel, Tina Hausser(Trans); 1810.
- 37. Biondi PC. Aristotle Posterior Analytics II.19 Quebec City, Canada: Les Presses de Lùniversité Laval,; 2004.
- 38. Galen. Galen: Method of medicine books 1-4. In: Johnton I, editor. Galen: Method of medicine. Cambridge, MT: Harvard University Press; 2011.
- Von Bingen H. Causae et Curae. Leipzig, Germany: In aedibus B.G. Teubneri; 1903.



- 40. Kuhne K, cited in Czerenko S. Philosophy of Natural Medicine. Portland,OR: NCNM Press; 2013.
- Zeff J, Snider P, Myers S, DeGrandpre Z. A Hierarchy of Healing: The Therapeutic Order. In: Pizzorno J, Murray M, editors. Textbook of Natural Medicine. 4 ed. St. Louis: Elselvier; 2013. p. 18-33.
- 42. Lindlahr H. Nature Cure. 20 ed. Holicong, PA: Wildside Press; 1922.
- 43. James JT. A new, evidence-based estimate of patient harms associated with hospital care. Journal of patient safety. 2013;9(3):122-8.
- 44. Wardle J, Steel A, McIntyre E. Independent registration for naturopaths and herbalists in Australia: the coming of age of an ancient profession in contemporary healthcare. Australian Journal of Herbal Medicine. 2013;25(3):101-59.
- 45. Zeff J. Forward to: The collected works of Benedict Lust. Wenatchee, WA: Healing Mountain Publishing; 2006.
- 46. Sydenham T, Latham R. The works of Thomas Sydenham, M.D. London, UK: The Sydenham Society; 1750.
- 47. Lutheritz K. Hippokrates Asklepiades und Celsus : Systeme der Medizin. Dresden: Tina Hausser(Trans); 1810.
- 48. Williams EA. The physical and the moral: anthropology, physiology, and philosophical medicine in France, 1750-1850: Cambridge University Press; 2002.
- 49. Coley NG. Medical chemists and the origins of clinical chemistry in Britain (circa 1750-1850). Clinical Chemistry. 2004;50:961+.
- 50. Watson J. Intentionality and Caring-Healing Consciousness: A Practice of Transpersonal Nursing. Holistic Nursing Practice. 2002;16(4):12-9.
- 51. Neuburger M. Geschichte der Medizin. Stuttgart F. Enke, Tina Hausser(Trans); 1906.
- 52. Cottingham P. The Core of Naturopathic Philosophy The essence of health and healing. [Course material]. In press 2015.
- 53. Hufeland CW. Enchiridion medicum or the practice of medicine: the result of fifty years`experience. New York, NY: William Radde; 1844..
- 54. Hufeland CW. Lehrbuch der allgemeinen Heilkunde. Jena: Friedrich Frommen, Tina Hausser(Trans); 1830.
- 55. Trall R. The Hydropathic Encylopedia: A system of hydropathy and hygiene. New York, NY: Fowlers and Wells; 1854.
- 56. Trall R. Diseases of the throat and lungs. New York, NY: Fowlers and Wells; 1861.
- 57. Gilbert C. The Vis Medicatrix Naturae.
- 58. Newman-Turner R. Naturopathic Medicine: Treating the Whole Person. London, UK: Thorsons; 1991.
- 59. Logan AC, Selhub EM. Vis Medicatrix naturae: does nature "minister to the mind"? Biopsychosocial Medicine. 2012;6:11-.
- 60. Pizzornno J. Vis Medicatrix Naturae; The Stewardship of Healing. 2009. Vitalism Conference; London, UK: Octagon Institute; 2013.
- 61. Foundations Project; The heart of naturopathic medicine. Unified Energetics 2007 [Available from:



http://www.foundationsproject.com/documents/articles/FoundationsIntevie w.pdf.

- 62. NA. Wizard Edison. The Newark Advocate. 1903 2 January 1903.
- 63. Tilden J. Toxemia Explained. Denver, CO: J.H.Tilden; 1935.
- 64. Herman PM, Sherman KJ, Erro JH, Cherkin DC, Milliman B, Adams LA. A method for describing and evaluating naturopathic whole practice. Alternative Therapies In Health And Medicine. 2006;12(4):20-8.
- 65. Staden L. What is Naturopathy? The Naturopath and Herald of Health. 1902;3(1):15-8.
- 66. Lindlahr H. How I became aquainted with nature cure. The Naturopath and Herald of Health. 1918;23(2):122.
- 67. Trall R. Popular physiology : a familiar exposition of the structures, functions, and relations of the human system, and their application to the preservation of health. New York, NY: S. R. Wells & Co; 1875.
- 68. Benjamin H. Everybody`s Guide to Nature Cure. Croydon, UK: Health for All Publishing; 1936.
- 69. Navarro M. El Criterio Naturopático de Juan Esteve Dulin. Tina Hausser(Trans).
- 70. Navarro M. Fundamentos de Naturopatía, CEAN curriculum page 28. Tina Hausser(Trans).
- 71. Ohno T. Ask 'why' five times about every matter Tokiyo, Japan2006
- 72. Cicero cited in Lloyd I. Treat the whole person Toronto, Canada: NDhealthFACTS; 2013 [Available from: http://www.ndhealthfacts.org/wiki/Treat The Whole Person
- Harmsworth GR, Awatere S. Indigenous Māori knowledge and perspectives of ecosystems. Ecosystem services in New Zealand conditions and trends Manaaki Whenua Press, Lincoln, New Zealand. 2013:274-86.
- 74. World Health Organization. The Bangkok Charter for Health Promotion in a Globalized World. Geneva, Switzerland: World Health Organisation Int.; 2005.
- 75. National Prevention Health Promotion and Public Health Council. Response to the National Prevention and Health Promotion Strategy Washington, DC: American Association of Naturopathic Physicians; 2017
- 76. NA. Naturopathic Treatments Toronto: Canadian Association of Naturopathic Doctors; 2017 [Available from: <u>http://www.cand.ca/common-questions-naturopathic-treatments/</u>.
- 77. Ali A, Katz DL. Disease Prevention and Health Promotion. American Journal of Preventive Medicine. 2015;49(5):S230-S40.
- 78. NA. Naturopaths of New Zealand / Naturopathy Today Otorohanga, New Zealand: Naturopaths of New Zealand; 2017 [Available from: <u>http://www.naturopathsofnz.org.nz/</u>.
- 79. Cottingham P, Adams J, Vempati R, Dunn J, Sibbritt D. The characteristics, experiences and perceptions of homeopaths in New Zealand: results from a national survey of practitioners. Homeopathy.106(1):11-7.



- 80. Schloss J, Steel A, Reid R, Hughes R, Hechtman L. Submission to the Standing Committee on Health Inquiry into Chronic Disease Prevention and Management in Primary Health Care. Ashfield, Australia: National Herbalists Association of Australia; 2015.
- 81. DuBois D, Flay B, Fagan M. Self-esteem enhancement theory: Promoting health across the life span. In: Diclemente R, Crosby R, Kegler M, editors. Emerging theories in health promotion, practice and research. 2 ed. San Francisco, CA: Jossey-Bass; 2009.
- 82. Lindlahr H. The Practice of Natural Therapeutics. Chicago,IL: The Lindlahr Publishing Co; 1919.
- 83. NA. What is naturopathic medicine Washington DC: American Association of Naturopathic Medical Colleges; 2017 [Available from: https://aanmc.org/naturopathic-medicine/.
- Breslow L. A Quantitative Approach to the World Health Organization Definition of Health: Physical, Mental and Social Well-being\*. International Journal of Epidemiology. 1972;1(4):347-55.
- 85. Campbell J. The Collected Works of Joseph Campbel. San Francisco, CA: New World Library; 2014. 120, 49 p.
- 86. Diener E, Suh EM, Lucas RE, Smith HL. Subjective well-being: Three decades of progress. Psychological Bulletin. 1999;125(2):276-302.
- 87. Massimini F, Delle Fave A. Individual development in a bio-cultural perspective. American Psychologist. 2000;55(1):24-33.
- 88. Montesó JOÁ. Como actúa la Naturopatía. Vivir con Salud. 1992;39(214):31.
- 89. Hippocrates cited in, Kluger MJ, Kozak W, Conn CA, Leon LR, Soszynski D. The Adaptive Value of Fever. Infectious Disease Clinics. 1996;10(1):1- 20.
- 90. Ray JJ, Schulman CI. Fever: suppress or let it ride? Journal of Thoracic Disease. 2015;7(12):E633-E6.
- 91. Shelton H. The Hygienic System. San Antonio, TX: Dr. Shelton's Health School; 1939.
- 92. Brien SB, Harrison H, Daniels J, Lewith G. Monitoring improvement in health during homeopathic intervention. Development of an assessment tool based on Hering's Law of Cure: the Hering's Law Assessment Tool (HELAT). Homeopathy. 2012;101(1):28-37.
- 93. Navarro M. Fundamentos de Naturopatía, CEAN curriculum page 42-43. Tina Hausser(Trans).
- 94. Lloyd JU. Samuel Thomson and the early history of Thomsonianism. Bulletin of the Lloyd Library. 1909;11(7).
- 95. Beer A, Uehleke M, Wiebelitz B, Diger KR. The History of Inpatient Care in German Departments Focussing on Natural Healing. Evidence-Based Complementary and Alternative Medicine. 2013;2013:8.
- 96. Priessnitz V. Hydropathy; Or, The Cold Water Cure, as Practised by Vincent Priessnitz, at Graefenburg, Silesia, Austria. London, UK: James Madden and co.; 1843.
- 97. Kuhne L. The New Science of Healing or the doctrine of the Oneness of all Diseases Leipzig, Germany: Louis Kuhne; 1899.



- 98. T Kruzel SM, Z De Grandpre, P Orrock, J Zeff, S Thomas, D Thom, K Broderick, S Mathrick Emunctorology. In Snider P. L., Zeff J., Pizzorno J., Myers S., Sensenig J., Turner R. N., Warren D. (Eds.), Foundations of naturopathic medicine: The healing power of nature. Foundations of Naturopathic Medicine & Foundations of Naturopathic Medicine Institute 2010.
- 99. Kirchfeld F, Boyle W. Nature doctors: pioneers in naturopathic medicine: Medicina Biologica; 1994.
- 100. McWilliams C. Naturopathy: its roots in monastic medicine. Townsend Letter. 2015 2015/06//:90+ .
- 101. Masahiro I. The philosophical influences of Empedocles in the Hippocratic medical treatise De Natura Hominis. Kagakushi Kenkyu. 2006;45(237):11-22.
- 102. Sykiotis GP, Kalliolias GD, Papavassiliou AG. Pharmacogenetic Principles in the Hippocratic Writings. The Journal of Clinical Pharmacology. 2005;45(11):1218-20.
- 103. Prioreschi P. A history of medicine: Roman medicine: Edwin Mellen Press; 2003.
- 104. Kneipp S. My Water Cure: As described for the healing of diseases and the preservation of health. 2 ed. Edinburgh: William Blackwood and Sons; 1893.
- 105. Müller IW. Humoralmedizin: physiologische, pathologische und therapeutische Grundlagen der galenistischen Heilkunst: Karl F. Haug, Tina Hausser(Trans); 1993.
- 106. Herausgeber SU, Hilpert-Muehlig U. Heilpraktikerverband Bayern, 150 Jahre Naturheilkunde. Tina Hausser(Trans). 2014.
- 107. Gleich L. Das Grundwesen der Naturheilkunde. 1851.
- 108. Lust B. Universal Naturopathic Encyclopedia Directory and Buyer's Guide. 1918-1919:page 1179.
- 109. Lust B. A brief history of natural healing. In: Czeranko S, editor. Origins of Naturopathic Medicine. Portland, OR: NCNM Press; 2013.
- 110. Cordingley E. Principles and Practice of Naturopathy. Health Research Reprint. 1924.
- 111. Platen P. The Golden Book of Health. 1909.
- 112. L Chaitow EB, P Orrock, M Wallden, P Snider, J Zeff. Naturopathic Physical Medicine. Elsevier. 2008.
- 113. NA. CAND. 2017. [Available from: https://www.cand.ca
- 114. NA. Naturopaths of New Zealand Inc. 2017. [Available from: <u>http://www.naturopathsofnz.org.nz</u>
- 115. FENAHMAN. Livre blanc de la Naturopathie (en France). 2008; [Available from: <u>http://www.yvesmichel.org/product-page/sante/livre-blanc- de-la-naturopathie/</u>.
- 116. NA. OCN FENACO. 2017. [Available from: http://colegionaturopatas.es
- 117. NA. General Council and Register of Naturopaths. 2017. [Available from: <u>http://gcrn.org.uk</u>
- 118. NA. AANP. 2017. [Available from: http://www.naturopathic.org
- 119. FENAHMAN. Code de Deontologie & Charte de la Naturopathie. 2015.



- 120. Navarro M. Fundamentos de Naturopatía, CEAN curriculum page 28. Tina Hausser(Trans).
- 121. Clarke E, Jacyna LS. Nineteenth-Century Origins of Neuroscientific Concepts. Berkley, CA: University of California Press; 1987.
- 122. Alvarado CS, Nahm M. Psychic Phenomena and the Vital Force: Hereward Carrington on "Vital Energy and Psychical Phenomena". Journal of the Society for Psychical Research. 2011;75(903):91-103.
- 123. Ouedraogo AP. Food and the Purification of Society: Dr Paul Carton and vegetarianism in interwar France. The Society for the Social History of Medicine. 2001;14(2):223-45.
- 124. NA. Books by Tissot, S. A. D. (Samuel Auguste David) (sorted by popularity): Project Gutenberg; 2017 [Available from: <u>http://www.gutenberg.org/ebooks/author/7413</u>.
- 125. Thomson JC. Nature Cure from the Inside the Why of Chronic Disease with Many Case Histories and Home Treatments. Edinburgh: Kingston Clinic; ND. Available from: <u>http://soilandhealth.org/wpcontent/uploads/02/0201hyglibcat/020141.thomson.pdf</u>.
- 126. Lindlahr H. The Philosophy of Natural Therapeutics. Chicago,IL: The Lindlahr Publishing Co; 1924.
- 127. NA. Booklets Marchesseau St Sauvant, France: Ecole Dagere Univers; 2017 [Available from: https://translate.google.co.nz/translate?hl=en&sl=fr&u=https://www.ecoled argere.fr/livrets.php&prev= search.
- 128. Jauvais G. Biography of Grégoire Jauvais: Grégoire Jauvais; 2010 [Available from: <u>http://www.naturopathe-jauvais.com/gregoire-jauvais-presentation</u>.
- 129. NA. What Is Orthopathy? : International Natural Hygiene Society; 2017 [Available from: <u>http://www.i-nhs.com/inhs/articles/orthopathy.html</u>.