













Although this article was written to be a comprehensive overall guide on the subject, due to the vast nature and intricacies of human interaction, not all aspects could be documented and there may be further improvements to this formula.

To evaluate if this proposed structure is effective or not in improving a doctor's patient doctor relationship, there needs to be further research on its implication and results. Hence this article is a theoretical model only and has yet to be proven practically.

### **Limitation**

The limitation of this research is the limited journals that was used. It would have been better to have a larger sample of journals used. In addition, some of the journals did not have research showing the effects of implementing such techniques, hence a confirmative effect of those recommendation can't be proven.

In regards to the limitation of this article, the advice is from a combination of a number of different journals, however there isn't any research done on the effectiveness on implementing these suggestions, and research should be done to validate the recommendations set out in this article. There may be unforeseen issues that might arise in a real-world research of implementing these recommendations.

### **References**

- [1]. "A Comfortable Relationship: A Patient-derived Dimension of Ongoing Care" Family Medicine, April 2007.
- [2]. Arora, Raj PhD; Singer, Joseph PhD; Arora, Alisha MD "Influence of Key Variables on the Patients' Choice of a Physician" Quality Management in Health Care: July-August-September 2004 - Volume 13 - Issue 3 - p 166-173.
- [3]. Ball LE, Barnes KA, Crossland L, Nicholson C, Jackson C. "Questionnaires that measure the quality of relationships between patients and primary care providers: a systematic review".
- [4]. Barbara M. Korsch, Ethel K. Gozzi, Vida Francis "GAPS IN DOCTOR-PATIENT COMMUNICATION" Pediatrics November 1968, VOLUME 42 / ISSUE 5.
- [5]. Beth A. Lown MD Janice L. Hanson PhD EdS William D. Clark MD "Mutual influence in shared decision making: a collaborative study of patients and physicians" Health Expectations 18 May 2009.
- [6]. Carol Teutsch, MD Patient-Doctor Communication, Research gate.
- [7]. Cathy Charles, Amiram Gafni, Tim Whelan "Decision-making in the physician-patient encounter: revisiting the shared treatment decision making model" Social Science and Medicine Vol 49, Issue 5, September 1999.
- [8]. David C. Dugdale MD Ronald Epstein MD Steven Z. Pantilat MD "Time and the Patient-Physician Relationship" Journal of General Internal Medicine 25 December 2001.
- [9]. Donald J. Kiesler, Stephen M. Auerbach "Optimal matches of patient preferences for information, decision-making and interpersonal behavior: Evidence, models and interventions" Patient Education and Counseling Volume 61, Issue 3, June 2006, Pages 319-341.
- [10]. Emanuel EJ, Emanuel LL. "Four Models of the Physician-Patient Relationship" JAMA. 1992;267(16):2221-2226. doi:10.1001/jama.1992.03480160079038.
- [11]. Gallagher TH, Levinson W. "A prescription for protecting the doctor-patient relationship."
- [12]. Guseh JS, Brendel RW, Brendel DH "Medical professionalism in the age of online social networking" Journal of Medical Ethics 2009;35:584-586.
- [13]. Heesu Chung, Hyeyeon Lee, Dong-Seon Chang, Ho-Sun Kim, Hyejung Lee, Hi-Joon Park, Younbyoung Chae "Doctor's attire influences perceived empathy in the patient-doctor relationship" Patient Education and Counseling Volume 89, Issue 3, December 2012.
- [14]. Jeanne M. Farnan, MD, MHPE; Lois Snyder Sulmasy, JD; Brooke K. Worster, MD; Humayun J. Chaudhry, DO, MS, SM; Janelle A. Rhyne, MD, MA; Vineet M. Arora, MD, MAPP "Online Medical Professionalism: Patient and Public Relationships: Policy Statement From the American College of Physicians and the Federation of State Medical Boards" Annals of Internal Medicine 13 April, 2013.
- [15]. Jennifer Fong Ha, MBBS (Hons) Dip Surg Anat and Nancy Longnecker, PhD "Doctor-Patient Communication: A Review".

- [16]. Jochanan Benbassat MD, Dina Pilpel PhD & Meira Tidhar MSc (1998) "Patients' Preferences for Participation in Clinical Decision Making: A Review of Published Surveys", *Behavioral Medicine*, 24:2, 81-88, DOI: 10.1080/08964289809596384.
- [17]. K E Kearley, G K Freeman and A Heath "An exploration of the value of the personal doctor-patient relationship in general practice". *Br J Gen Pract* 2001; 51 (470): 712-718.
- [18]. Karen Sue Schaepe "Bad news and first impressions: Patient and family caregiver accounts of learning the cancer diagnosis" *Social Science & Medicine* Volume 73, Issue 6, September 2011, Pages 912-921.
- [19]. Kelley JM, Kraft-Todd G, Schapira L, Kossowsky J, Riess H (2014). "The influence of the patient-clinician relationship on healthcare outcomes: a systematic review and meta-analysis of randomized controlled trials". *PLOS ONE*. 9 (4): e94207.
- [20]. Levinson W, Roter D. The effects of two continuing medical education programs on communication skills of practicing primary care physicians. *J Gen Intern Med*. 1993; 8:318-24. [PubMed].
- [21]. Lisa Maria E. Frantsve, Robert D. Kerns; "Patient-Provider Interactions in the Management of Chronic Pain: Current Findings within the Context of Shared Medical Decision Making" *Pain Medicine*, Volume 8, Issue 1, 1 January 2007, Pages 25-35.
- [22]. Lydia S. Dugdale and Mark Siegler and David T. Rubin. "Medical Professionalism and the Doctor-Patient Relationship." *Perspectives in Biology and Medicine* 51, no. 4 (2008): 547-553.
- [23]. M Simpson, R Buckman, M Stewart, P Maguire, M Lipkin, D Novack, and J Till "Doctor-patient communication: the Toronto consensus statement." *BMJ*. 1991 Nov 30; 303(6814): 1385-1387.
- [24]. Mary Klein Buller and David B. Buller "Physicians' Communication Style and Patient Satisfaction" *Journal of Health and Social Behavior* Vol. 28, No. 4 (Dec., 1987), pp. 375-388.
- [25]. Mechanic D, Schlesinger M. The impact of managed care on patients' trust in medical care and their physicians. *JAMA*. 1996;275(21):1693-7. [PubMed].
- [26]. Nadelson, T. (1971) 'Emotional Interactions of Patient and Staff: A Focus of Psychiatric Consultation', *Psychiatry in Medicine*, 2(3), pp. 240-246. doi: 10.2190/GPAW-0XRM-C4J4-KTT1.
- [27]. Nancy Pandhi, MD, MPH; Barbara Bowers, RN, PhD; Fang-pei Chen, MSW, PhD.
- [28]. Paul Haidet Joyce E Dains Debora A Paterniti Laura Hechtel Tai Chang Ellen Tseng John C Rogers Medical student attitudes toward the doctor-patient relationship.
- [29]. Peggy Wagner Julia Hendrich Ginger Moseley Valera Hudson "Defining medical professionalism: a qualitative study" 20 February 2007.
- [30]. Piyush Ranjan, Archana Kumari, and Avinash Chakrawarty "How can Doctors Improve their Communication Skills?" 2015 Mar 1. doi: 10.7860/JCDR/2015/12072.5712.
- [31]. RICHARD L. STREET Jr. DAVID B. BULLER Patients' Characteristics Affecting Physician-Patient Nonverbal Communication *Human Communication Research* September 1988.
- [32]. Roger W. Squier "A model of empathic understanding and adherence to treatment regimens in practitioner-patient relationships" *Social Science & Medicine* Volume 30, Issue 3, 1990, Pages 325-339.
- [33]. Sadati AK, Tabei SZ, Lankarani KB. "A Qualitative Study on the Importance and Value of Doctor-Patient Relationship in Iran: Physicians' Views."
- [34]. Shakaib U. Rehman MD, Paul J. Nietert PhD, Dennis W. Cope MD, Anne Osborne Kilpatrick DPA "What to wear today? Effect of doctor's attire on the trust and confidence of patients" *The American Journal of Medicine* Volume 118, Issue 11, November 2005, Pages 1279-1286.
- [35]. Shakaib U. Rehman MD, Paul J. Nietert PhD, Dennis W. Cope MD, Anne Osborne Kilpatrick DPA "What to wear today? Effect of doctor's attire on the trust and confidence of patients" *The American Journal of Medicine* Volume 118, Issue 11, November 2005, Pages 1279-1286.
- [36]. Susan Dorr Goold, MD, MHSA, MA and Mack Lipkin, Jr., MD "The Doctor-Patient Relationship: Challenges, Opportunities, and Strategies".
- [37]. Suzanne M. Kurtz "Doctor-Patient Communication: Principles and Practices" Volume 29, Issue S2 (A Peer-Reviewed Supplement to the *Canadian Journal of Neurological Sciences*) 2002, pp. S23-S29.
- [38]. Swenson, S.L., Buell, S., Zettler, P. et al. *J GEN INTERN MED* (2004) 19: 1069.
- [39]. *The Social Medicine Reader*: edited by Gail Henderson, Nancy M. P. King, Ronald P. Strauss, Sue E. Estroff
- [40]. Toni Suzuki Laidlaw, David M Kaufman, Heather MacLeod, Sander Van Zanten, David Simpson, William Wrixon "Relationship of resident characteristics, attitudes, prior training and clinical knowledge to communication skills performance" 21 December 2005.



- [41]. Warnecke E “The art of communication”. *Aust Fam Physician*. 2014 Mar;43(3):156-8.
- [42]. William Clark, MD, Mack Lipkin, MD, Howard Graman, MD, and Jeannette Shorey, MD “Improving Physicians' Relationships with Patients”.
- [43]. Woolf Steven H, Grol Richard, Hutchinson Allen, Eccles Martin, Grimshaw Jeremy. “Potential benefits, limitations, and harms of clinical guidelines” *BMJ* 1999.
- [44]. Working Party of the Royal College of Physicians. “Doctors in society. Medical professionalism in a changing world” *Clin Med (Lond)*. 2005 Nov-Dec;5(6 Suppl 1):S5-40.