

# The Study on Female Military Officer ' s Medical Visiting Behavior after Incorporation into the National Health Insurance

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## ABSTRACT

The point of this article is to analyze the utilization of medical services and related factors to the satisfaction of medical care that a female military officer have under the current National Health Insurance system as well as to analyze multiple effects on medical visiting behavior in order to inform and improve the Armed forces military medical system completely and reach the goal of long-term business. The methods of descriptive statistics, t-test, variable analysis (ANOVA) and so on were included and effects on medical visiting behavior were analyzed in advance. Following is the result: Individual variable versus medical service providers and medical visit experience: Most testes prefer military medical centers, but OPD was chosen concerning civil medical service providers. As for the medical visit experience, most female military officers visit general internal medicine doctors, ENT doctors, dermatologists and ophthalmologists more frequently. Predisposing factor versus medical care satisfaction to military and civil medical services providers " Age ", " Rank ", and " Residence " all have apparent differences in satisfaction degree of visit to military medical services providers. However, only " Age ", and " Residence " have apparent differences in satisfaction degree of visit to civil medical services providers. Female military officers ' medical care satisfaction to military medical services providers and it ' s affecting factors. Enabling factor make female military officers ' medical care satisfaction to military medical services providers more different after incorporation into National Health Insurance. However, need factor doesn ' t. Female military officers ' medical care satisfaction to civil medical services providers and it ' s affecting factors. Enabling factor doesn ' t make female military officers ' medical care satisfaction to military medical services providers apparent different after incorporation into National Health Insurance system. And neither do need factor. The effect of Female military officer ' s medical care satisfaction and medical visiting behavior. Female military officers ' medical care satisfaction to military medical services providers is better than that to civil medical services providers. However, concerning the medical visit, civil medical services providers were preferred. In order to make Armed forces military medical organization work forever, renewal of military medical organization must be accelerated. Moreover, improvement of medical services and making stricter budget are equally important so as to acquire the advantage in the hard medical competition.

Keywords : female military officer ; National Health Insurance ; Armed forces military medical system ; medical care satisfaction ; medical visiting behavior

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## REFERENCES

- 一、中文部分 1. 方世榮譯(1998), Philip Kotler原著, 行銷管理學-分析, 計劃執行與控制(第九版), 台北:東華書局。 2. 王運昌(1995), 「全民健康保險第四類被保險人就醫行為相關因素之研究」, 國防醫學院公共衛生研究所碩士論文。 3. 石曜堂、高森永(1998), 全民健康保險之契機與展, 國防醫學, 25卷5期, 479-489頁。 4. 吳佩璟(2002), 「全民健保實施下影響門診病患選擇就醫層級之因素探討?以在北市小兒科就診的門診病患為例」, 國立台北大學財政研究所碩士論文。 5. 吳德敏、申慕韓、王運昌、陳育忠、高森永(1997), 「軍人加入全民健康保險的態度與意願之先驅調查研究」, 醫學研究, 18卷3期, 152-164頁。 6. 宋欣怡(1990), 「民眾就醫選擇資訊的潛在需求研究」, 台大衛生政策管理研究所碩士論文。 7. 李文儀(2003), 「就醫影響因素之研究--以牙醫診所為對象」, 義守大學管理科學研究所碩士論文。 8. 李安仁(1997), 「國軍醫療體系的現況」, 國防醫學, 25卷5期, 342頁。 9. 沈明室(1999), 各國女性軍人發展概述」, 國防雜誌, 15卷5期。 10. 周鴻儒(1994), 「台北市三家國軍醫院門診病患就醫選擇因素及滿意度調查研究」, 國防醫學院公共衛生研究所碩士論文。 11. 周鴻儒、高森永、陳育中(1997), 「國軍醫院門診病患就醫選擇因素調查研究」, 國防醫學雜誌, 25卷5期, 423-430頁。 12. 林伯聲(2002), 「影響病患至中央健康保險局聯合門診中心就醫行為之研究」, 國立高雄醫學院公共衛生研究所碩士論文。 13. 林偉智(2003), 「女性軍士官性別之研究--以聯合後勤司令部為例」, 大葉大學工業關係研究所碩士論文。 14. 俞輝煌(1998), 「國軍官兵(含編制內聘人員)至健保特約基層院所就診措施初期評估研究」, 國防醫學院公共衛生研究所碩士論文。 15. 姜美惠(2002), 「軍人納入全民健保後國軍醫院經營效率之實證研究」, 國防財務資源研究所碩士論文。 16. 孫立方(1998), 「陸軍女性軍、士官部隊適應狀況之研究」, 陸軍學術月刊, 34期, 399頁。 17. 高森永(1997), 美軍醫療體系民營化之經驗與啟示, 國防醫學, 25卷5期, 479-489頁。 18. 高森永(1997), 國軍醫療體系供給面之評估研究 軍醫與軍醫院, 國防醫學, 25卷5期, 356-360頁。 19. 高森永(1997), 國軍醫療體系需求面之評估研究:軍眷、軍人與軍方病人, 國防醫學, 25卷5期, 347-355頁。 20. 高森永、陳育忠(1997), 美國三軍醫療照( TRICARE ) 改革計劃的認識與省思」, 國防醫學, 25卷5期, 502-507頁。 21. 國防部(2000), 中華民國國防報告書, 台北市。 22. 國防部人力司(2004), 各國女性軍人運用概況資料, 台北市。 23. 國防醫學院(2000), 軍人納入全民健保研討專輯, 國防醫學雜誌, 31卷5期。 24. 許政琪(2004), 國軍職務類別女性軍官人力規劃模式之研究, 國防管理學院資源管理研究所碩士論文。 25. 郭榮興(2002), 以平衡計分卡觀點探討我國女性軍官績效評估之研究, 國防管理學院資源管理研究所碩士論文。 26. 陳育忠、高森永(1997), 美軍醫療體系民營化之經驗與啟示, 國防醫學, 25卷5期, 479-480頁。 27. 陳祈宏(2003), 服務缺失、服務補救、顧客滿意度與顧客忠誠度關係之研究?以醫療產業為例, 台北科技大學生產系統工程及管理研究所。 28. 陳靜靜(1998), 「由女性勞工觀點看防治工作場所性騷擾」, 第三屆全國婦女國是會議論文集。 29. 陳膺宇、陳志偉、張翠萍(1997), 女性軍人個人特質與環境適應之研究」, 國防部研究計畫。 30. 曾淑貞(1986), 台北市某醫院中醫門診初診病人滿意度及相關因素之研究, 國立台灣師範大學衛生教育研究所碩士論文。 31. 游祥祺(1989), 苗栗醫療區省立苗栗醫院特別門診病患滿意度及其相關因素之研究, 國防醫學院公共衛生研究所碩士論文。 32. 馮道遠(2002), 以績效評估理論探討女性軍官之晉生機率」, 空軍學術月刊, 549期。 33. 黃仲天(2004), 「陸階女性軍官領導行為及其問題之研究」, 大葉大學工業關係研究所碩士論文。 34. 楊榮燕(1986), 醫療組織型態與病患滿足感, 國立台灣大學公共衛生研究所碩士論文。 35. 劉絹芬(1982), 勞工保險被保險人醫療給付滿足感之研究, 國立台灣大學公共衛生研究所。 36. 羅瑞祥(1981), 台北市立醫院門急診作業及其醫療輔助部門之管理, 國立政治大學企管研究所碩士論文。 37. 譚開元、葉壽山、高森永(1997), 國軍現行醫療體系與健康維護組織, 國防醫學, 25卷5期, 368-373頁。 38. 德生(2003), 如何提昇國軍全民健保之顧客滿意度, 大葉大學事業經營研究所碩士論文。
- 二、英文部分 1. Alpert, J., Kosa, J., & Haggerty, R. (1967). Medical help and maternal nursing care in the life of low income families. Pediatrics, 39, 747-755. 2. Andersen, R. M., & Newman, J. (1973). Societal and individual determinants of medical care utilization in the United States. Milbank Memorial Fund Quarterly, 51, 95-124. 3. Andersen, R. M. (1995). Revisiting the behavioral model and access to medical care: Dose it matter? Journal of Health and Social Behavior, 36, 1-10. 4. Antonovsky, A. (1967). Social class and illness: A reconsideration. Sociological Inquiry, 27, 311-322. 5. Falk, I. S. (1933). The incidence fillness and the receipt and cost of medical care. Chicago: University of Chicago Press. 6. Graham, S. (1957). Socio-economic status, illness and the use of medical services. Milbank Memorial Fund Quarterly, 35, 58-66. 7. Hiscock, I. U.(1935). Development of neighborhood health services. Milbank Memorial Fund Quarterly, 13, 30-52. 8. Kotler, P. and Clarre, R.N(1987)

" Marketing for Health Care Organizations By Prentice- Hall, Inc. 9. McKinlay, J. B. (1972). Some approaches and problems in the study of the use of service-An overview. *Journal of Health and Social Behavior*, 13, 115-152. 10. Mechanic, D. (1963). Religion, religiosity and illness behavior: The special case of the Jews. *Human Organization*, 22, 202-208. 11. Mechanic, D. (1979). Correlates of Physician utilization: why do multivariate studies of physician utilization find trivial psychosocial and organizational effects? *Journal of Health and Social Behavior*, 20, 387-396. 12. Mechanic D (1972): Social Psychological Factors Affecting The Presentation of Bodily Complaints , *New England Medical Journal* 286 : 1132-1139. 13. Roa, C., & Rosenberg, L. (1986). Consumer behavior analysis for improved dental services marketing. *Health Marketing Quarterly*, 3, 83-96. 14. Rosenstock I.M. (1974): Historical origins of the health belief model, *Health Education Monographs* 2(4):328-335. 15. Rosenstock, I. M. 1966. Why people use health services. *Milbank Memorial Fund Quarterly*, 44, 94-124. 16. Stratmann W. C. (1975) : A Study on Consumer Attitudes about Health Care The Delivery of Ambulatory Services , *Medical Care* 13 (7):537-548. 17. Suchman, E. A. (1964). Sociomedical variations among ethnic groups. *American Journal of Sociology*, 70, 319-331. 18. Wolinsky, F. D. (1994). Health services utilization among older adults: Conceptual, measurement, and modeling issues in secondary analysis. *The Gerontologist*, 34 (4), 470-475. 19. Zola, I. K. (1966). Culture and symptoms: An analysis of patients presenting complaints. *American Sociological Review*, 31, 615-630. 20. Bellin S.S, Geiger HJ(1972).The impact of a neighborhood health care on patient behavior and attitudes relating to health care-a study of low income housing project, *Medical Care*, 5(3), 224-239. 21. Ben-Sira Z (1976).The function of the professional ' s affective behavior in client satisfaction:a revised approach to social interaction theory, *Journal Health Social Behavior*, 17(3). 22. Cleary P.D(1992).Edgman-Levitan S, McMullen W, Delbanco T.L(1992).The relationship between reported problems and patient summary evaluations of hospital care, *Quality Review Bulletin*, 18(2) 23. Dimatteo R.M, Prince L.M, Taranta A(1979).Patients perceptions of physicians behavior:determinants of patient commitment to the therapeutic relationship, *Community Health*, 4(280) 24. Doyle B.J., Ware J.E.(1977).Physician conduct and other factors that affect consumer satisfaction with medical care, *Journal Medical Education*, 52(793) 25. Fisher A.W(1971).Patients evaluation of out patient medical care, *Journal Medical Education* , 46(238) 26. Fleming G.V(1981).Hospital structure and consumer satisfaction, *Health Serv Res*. 16(43) 27. Hall M.C, Elliot K.M, Stiles G.W.(1993).Hospital patient satisfaction:correlates, dimensionality, and determinants, *Journal of Hospital Marketing*. 7(2) 28. Hansagi H, Carleson B, Brismar b.(1992).The urgency of care need and patient satisfaction at a hospital emergency department, *Health Care Management Review*. 17(2) 29. Hulka.B.S, Zyzanski S.J., Cassel J.C, Thomson S.J(1970).Scale for the measurement of attitudes towards physicians and primary medical care, *Medical Care*. 8 30. Linn B.S, Linn M.W, Knopka F(1978).The very old patient in ambulatory care, *Medical Care* . 16 31. Linn L.S(1975).Factors associated with patient evaluation of health care, *Milbank Mem Fund Q*. 53 32. Linn.M.W, Linn B.S, Stein S.R(1982).Satisfaction with Ambulatory Care and Compliance in Older Patient, *Medical Care*. 156 33. Mark S.D, Greenlick M.R, Hartado A.V., Johnson J.D., Henderson J.(1980).Ambulatory surgery in an HMO-a study of cost, Quality of care and satisfaction, *Medical Care*. 18(2) 34. Mechanic D.(1972).Social Psychological Factors Affecting The presentation of Bodily Complaints, *Medical Care*. 18(2) 35. Mechanic D(1972).Social psychological Factors Affecting The presentation of Bodily Complaints, *New England Medical Journal*. 286 36. Connor S.J., Shewchuk R.M, Bowers M.R(1991).A model of service quality perceptions and health care consumer behavior, *Journal of Hospital Marketing*. 6(1) 37. Panchansky R, Thomas J.W.(1981).The Concept of Access, *Medical Care*. 14(2) 38. Steiber S(1988) .How customers perceive health care quality , *Hospitals*. 62(7) 39. Tarlov A.R., Ware J.E.(1989).An application of methods for monitoring the result of medical care, *JAMA*. 18(7) 40. Wolf M.H(1980).patient beliefs, personality traits, health perceptions ,and response biases as predictors of medical interview satisfaction, Department of psychology, The University of North Carolina at Chapel Hill 41. Woodside A, Shinn R.(1988).Customer awareness and preference toward competing hospital services, *Journal of Health Care Marketing*. 8(1) 42. Cardozo, R.N.(1965).An Experimental Study of Customer Effort, Expectation, and Satisfaction. *Journal of Marketing Research*. 2 43. Howard, John A., Sheth, J.N(1969).The Theory of Buyer Behavior, New York: John Wiley & Son 44. Westbrook, Robert A(1980).Intrapersonal Affective Influences on Consumer Satisfaction with Products, *Journal of Consumer Research*