

International Journal of Economic Research

ISSN: 0972-9380

available at http: www.serialsjournals.com

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Volume 14 • Number 16 • 2017

Nurse Assessment of Superiors Leadership Towards Organizational Citizenship Behavior to Advance of a Company in Competitive Bussines

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ABSTRACT

The setting of this research was the nurses of Yogya hospitals in Sleman regency, Special Region of Yogyakarta. The population was 120 nurses of Yogya hospitals and the sample was 20 nurses. Technical sampling used purposive sampling. The data collection was in the form of questionnaire. The data analysis technique was *Structural Equation Modelling (SEM)* which uses factor analysis (Measurement) and lane analysis (Part analysis). This research result shows that the test result on the measurement model which hypotezied fits teoritically to empirical data that is indicated that all factors are significant. Meanwhile, the lane analysis result shows that the transformational leadership assessement, organisational commitment, and working satisfaction, have direct influence and indirect influence that are significant to the organizational citizenship behavior. All hyphotheses on this research fully support. As well the quantity of contribution that is given by transformational leadership assessment, organisational commitment, and working satisfaction to the organizational citizenship behavior which shows positive contribution.

Keyword: Assessment, leadership, commitment, satisfaction, citizenship behavior.

1. INTRODUCTION

In this globalization era and modern technology, all institutions, include hospital institution, are charged to give professional, qualified, and accountable services. Cases in Indonesia, the service standard is regulated in Constitution No 44 2009 about hospital. One of the regulations states that every hospital must increase the quality and health quality service standard in the hospital, even by doctors, nurses, and other medical representatives.

Complaint of Indonesian society often comes up to the services done by the nurses in the hospital are lack of giving satisfaction to the patients or family of the patients. Many reasons for this, among others, the nurses show unfriendly behavior in giving the services. They sometimes say inappropriate words, less-smiling, and less-caring in giving comfort to the patients. Even though, by direct face to face to the patient, the nurses have strategic position for the hospital institution. Satisfaction and dissatisfaction of patients can be caused by the nurse behaviour mentioned before, and this can directly influence to the organisation (hospital)

Profession of a nurse in Indonesia has been regulated in Minister Decree. Nursing practical standard has the purpose to measure how far the nurses do careless action, malpractice or other deviations. Profession authority consists of two aspects, i.e. material authority and formal authority. Material authority is obtained since the nurses got competencies and then registered or interegated in the form of *nurse letter permmit (SIP)*/ Nursing license. Meanwhile, formal authority is in the form of *work letter permmit (SIK)*/ working license that is given by the in charge stakeholders to the nurses to hold nurse profession practice. *work letter permmit (SIK)*/ working license is given to the nurses if they work in an institution, if the nurse works individually or in a team, they will get *work practice letter permmit (SIPP)*/ Nursing practice license. *(health ministry, 2001)*

According to Robbins and Judge (2009:36-40), a success organisation needs employess who works more than just formal duty and gives performance over expectation. The behavior mentioned by Robbins and Judge is the phenomenon that is often mentioned as organizational citizenship behavior. A behavior of an employee who has high sense of belonging to the organisation (company) and treats

There are many previous researches that show the importance of organizational citizenship behavior to succes or advance of a company in this competitive bussines era. According to many researches, an organisation cannot anticipate whole behaviors in an organisation that counts on work description which is stated formally (George, 1996). Civilization behavior organization practically also shows its ability to fix effeciency, effectivity, and adaptation. (Organ, 1988; Podssakoff, Mackenzie; Paine; and Baxharaxh, 200; Williams and Anderson, 1991) (Organ. DW, Podsakoff. PM, Mac Kenzie SB..et.al .2006:16).

The other researches finds that one antecedent plays important role to create organizational citizenship behavior is the leadership problem that is transformational (Netemeyer, Boles, Mckee, and McMurrian, 1997; MacKenzie, Podssakoff, and Ahearne, 1998; Betencourt, Meuler, and Gwinner, 2001; Pawar, 2003; Chen, 2004; Mackenzie, Podssakoff, and Rich, 2001; Benjamin and Flyinn, 2006).

Bass and Reggio (2006:38) shows that transformational leadership that is decribed as charismatic, transformationnal or visioner has positive effect on organisation performance. Meanwhile, subordinate assessment to transformational leadership indicates that there is loyalty of the subordinates, responsibility, and actual participation in organisation activity. Then, subordinate assessment will compete from his leader who will keep the commitment and satisfaction of his subordinate's work (Bass & Reggio, 2006:45). Organ and Ryan also stated that attitude variable such as satisfaction, justice, and work commitment show firm relationship with organizational citizenship behavior (Jahangir, Akbar dan Haq, 2004).

This study aims to discuss two important things, those are first, testing the measurement model to goodness of fit criteria from four variables, i.e. transformational leadership assessment, organisational commitment, working satisfaction and organisational citizenship behavior. Second, testing the lane analysis (part model) which is testing the direct and indirect influence transformational leadership variable,

organisational commitment and working satisfaction to organisational citizenship behavior. Besides testing the direct and indirect influence among the variables, it also aims to find the contribution (\mathbb{R}^2) that is given to the organisational citizenship behavior.

2. TRANSFORMATIONAL LEADERSHIP ASSESSMENT

Burns 91976:18) connected the leadership role and the followers, it was stated that a leader is an individual who used his followers motive in order that he can reach the leader's and the followers' goal well. In addition, Burns stated that leadership is far different from using the power because the leadership is not separated from his followers' needs. (Northouse, 2007:176)

In accordance to Burns, Bass (1985) gave his opinion about transformational leadership. It motivates the followers to do something more than expectation by doing the following things: (a) increasing the followers' consciousness about the importance and the goal value that are determined and wanted, (b) asking the followers to pay much attention to the team or organisational interest over the personal interest, and (c) running the followers to fulfil the needs in the higher level. (Yulk, 2010:277).

Furthermore, according to Bass and Avolio (et. al., 1994:3-4), to gain the productivity, transformational leadership is defined as "Fours I's" – individualized influence, inspirational motivation, intellectual stimulation, dan individualized consideration. (Bass and Avolio et. al., 1994:3-4) The transformational dimensions are as follows (Avolio, 1994): Individualized influence through the role models for the followers in which the followers identify and want to do more than that model. Inspirational motivation, a leader gives meaning and challenge for the followers in which can increase their antusiasm and expectation, spreading the vision, committing the goal and team support. In strengthening intellectual stimulation, transformational leader creates stimulation and thinks innovatively for his followers through question assumptions, re-designs the problems, uses an approach on past situation through new way. For individualized consideration by giving help as a leader, giving services as mentor, checking individual's needs for the development and success enhancement (Tschannen-Moran, 2003).

Transformational leadership assessment to the hospital organisation is done by using leadership measurement method. Judging from people who do the assessment. The transformational leadership assessment of a hospital leader is *subordinate assessment* in which the subordinate assessment to the leader leadership which is being used in several organisations, such as hospital.

Attwater, Roush, & Fischthal, (2005:35), subordinate assessment can give information to the leader about the strength and weakness perception of the followers and the perception level that fits with the followers's leader. As well the research result also shows that the leader's behavior that is assessed by the follower is getting better or increasing after receiving the feedback.

It can be summed up that assessment that has been done by the hospital nurses to the nursing manager of hospital "Yogya" as a means to increase the managerial effectiveness, while at present, there are still lack of empirical research that shows this subordinate assessment model is beneficial.

3. ORGANISATIONAL COMMITMENT

Mowday, Steers, and Porter define commitment as relative strength from a relationship among the individual with the organisation and the involvement in a certain organisation. In this definition, there

are three characteristics of commitment, i.e.: (a) strong belief and acceptance to the values and goals of an oerganisation (identification), (b) the willingness to make effort for the organisation (involvement), (c) and the strong willingness to defend the membership in an organisation (loyalty) (Ronit Boglera, 2004:226).

Meyer and Powell (2004: 157-177), introduced three types of organisational commitment, i.e. affective, continuant, and normative. Affective commitment is as love of organisation members emotionally, relationally, and involvement in an organisation and the goals. This is caused by similarity between the individual and the organisation. As a result, it is common thing that an individual emotionally loves and enjoys the continuity from the membership in an organisation.

Continuant commitment is defined as a willingness to stay on the organisation because of the individual investment in the form of investment that cannot be replaced like working relationship which is close to co-worker, career investment and retirement, different working skills which are obtained in certain organisation, for years being member of an organisation, involvement in certain community where the members are placed, and other benefits that make a person losses if he has to leave and find another job in another place.

Normative commitment is caused by obligation to stick together in an organisation. The responsibility is often caused by loyalty value and duty that has been common just like being stated by Wienner (1982). It is a tendency that becomes common sense that we have to be loyal and ready to give time and effort for the institution just like family, marriage, country, religion, and work organisation as a result from a culture that places a premium on loyalty and obedience to the institutions.

From the explanation above, commitment is built by hospital organisation that will influence the nurses to stay on their job as employee or member in a hospital organisation.

4. WORKING SATISFACTION

Robert Kreitner and Angelo Kinicki (2004:202) defined working satisfaction as affection or emotional response to any phases of a person's job. While Robbins (2002:30) stated that the term of working satisfaction refers to common attitude of someone that assess the difference between the sum of rewards received with the sum of rewards that should be received. An individual has high working satisfaction and positive attitude to the job. An individual cannot be satisfied if he/she has negative attitude to the job.

Commonly, employees who are satisfied with their job will provide valuable things for them. Value is something that is done consciously to be reached. What do actually you want to get from your job? Suitable salary, achievement, nice co-workers? You have to make valuable check list for yourselves, what things you want to get from your job. (Colquitt, Lepine dan Wesson, 2009:105-109).

According to Gibson et. al., (2001), there are many dimensions that have been compiled from working satisfaction, five main things that have important characteristics, i.e.: (1) Payment: a sum of money that is received and a condition from the payment; (2) Job: how far the duty is regarded interesting and gives a chance to learn and to take the responsibility; (3) Promosion Chance: the chance to be forward; (4) Supervisor: the supervisor ability to show the interest and attention to the workers; (5) Co-workers: how far the co-worker can be friended, competent, and supporting.

Based on the explanation above, working satisfaction of employees includes the nurses can be summed up as what makes the nurses want and enjoy the job and what makes them happy in their job.

5. ORGANISATIONAL CITIZENSHIP ORGANISATION

Organ (1988) defined Organisational Citizenship Behavior as "individual behaviour that is discretionary, not directly or explicitly recognized by the formal reward system, and in the aggregate promotes the effective functioning of the organization". (Murpy et. al., 2002:287).

The member's willingness to repeat the effort of working outside their ability as a formal chance, that is determined by their positition that has been organised as an effective and organised component. For instance, more than a half decade ago, Barnard (1938) stated that the individual willingness to advance the cooperative business for the oranisation that has been stated in the effectiveness in an effective organisational business in gaining the organisation's goal. (Organ, Podsakoff, MacKenzie,2006:44-45)

Based on the literature about organisational citizenship behavior, Podsakoff et. al., (2000), concluded that perception and attitude of the empoyees in the work place consistently that is proved as a key factor that relate to the level where the employees will involve in the organisational citizenship behavior.

Organ (1988) gave a multidimensional scale on organisational citizenship behavior. The scale consists of five dimensions that arrange the organisational citizenship behavior notion. The five dimensions are presented as follows:

- 1. Altruism, related to behavior in helping other nurses in accomplishing the task in the incredible situation.
- 2. Conscientiousness, that refers to a nurse who does the duties given to her with certain requirements done more than expectation.
- 3. Sportmanship, refers to positive aspect suppression from the organisation over the negative aspect.
- 4. Civic virtue, that involve the support for administrative functions.
- 5. Courtesy, that covers proactive cue movement that pays much attention on the importance of consulting the other nurses in the organisation before action, gives previous warning and spreads the information.

The organisational citizenship behavior concept has been implemented in the organisation as effective function and has been promoted as behavior in state organisation or private organisation, including in the health field, even Indonesia performs high extra role of behavior, remembering the characteristics of Indonesian including nurses that make togetherness and mutual help over the individualism and Indonesia has high collectiveism dimension. (Hofstede,1991 in Purba and Seniati, 2004:106).

6. RESEARCH METHOD

The research design is expost facto research that reviews nursing manager transformational leadership in "Yogya" hospital to the organisational citizenship behavior that has been done without doing direct manipulation by the researcher (Isaac dan Michael,1981:42). The research setting was the nurses of "Yogya"

hospital in Sleman Regency, Special Region of Yogyakarta. The population of the research was all nurses in "Yogya" hospital which consist of 120 nurses and the sample was 20 nurses. The purposive sampling technique was used in this research (Winarsunu, 2002:15).

The data collection method of transformational leadership was measured by modification of *Multifactor Leadership Questionnaire* from Bass (1985) that consists of four factors, i.e. individual influence, inspirational motivation, intelectual stimulation and individual consideration. The organisational commitment uses *Three-Component Model of Organizational Commitment* measurement with three dimensions, i.e. affective commitment, normative commitment, continent commitment which are adapted based on the culture and measured by Likert Scale. The working satisfaction was measured by using five dimensions, i.e. salary, job, promosion chance, supervision, and co-workers which are adapted based on the culture and measured by Likert Scale. The organisational citizenship behavior is measured by using the measurement which is developed specifically for the hospital nurses with four dimensions, i.e. helpful, careful or sportive and positive obedience and good membership. Meanwhile, the item which is developed and adpted based on the culture and measured by Likert Scale.

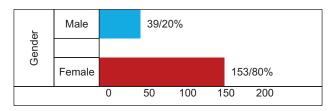
The analysis data used in this research was *Structural Equality Model* (SEM) and AMOS (Zulganef, 2006:46-50) are the combination of factor analysis and lane analysis. Factor analysis (Measurement Model) uses *Goodness of Fit* criterion evaluation that are Chi-Square, CMIN/DF, GFI, AGFI. CFI, IFI, dan RMSE, and lane analysis (Part Model) to obtain the direct and indirect influence values that are used regression analysis which estimates the loading factors or lambda value with intervening variable (Byrne, B. M.: 1998).

7. THE RESEARCH RESULT AND DISCUSSION

The description of nurse profile in "Yogya" hospital, in Sleman Regency, Special Region of yogyakarta is outlined as gender, education level, and working experience. Second, results of measurement model to goodness of fit criteria from the assessment of transformational leadership, organisational commitment, working satisfaction, and organisational citizenship behavior. Third, the results of part model test, that is the influence of nurse manager transformational leadership assessment byorganisational commitment nurse and working satisfaction to organisational citizenship behavior.

1. The Nurse Profile of "Yogya" Hospital

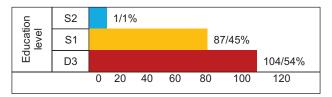
The nurse gender in "Yogya" hospital in Sleman Regency is dominated by Female. The Female Nurse is 80 % and The Male Nurse is 20%.



Picture 1: Gender

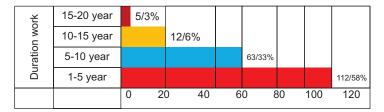
The education level of the nurses in "Yogya" hospital in Sleman Regency shows that the highest level of education is Diploma 3 54% and the lowest level of education is Post-Graduate Degree 1% and Bachelor Degree 45%.

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Picture 2: Education Level

Working experience of the nurses in "Yogya" hospital in Sleman Regency shows that the nurses who have working experience from 15-20 years is 3%, then 10-15 years is 6%, 5-10 years is 33%, and 1-5 years is the greatest amount 58%.



Picture 3: Working Experience

2. The Result of Measurement Model

The result of the model conformity with using the goodness of fit criteria, i.e. Chi-Square, CMIN/DF, GFI, AGFI. CFI, IFI, and RMSE are presented as follows:

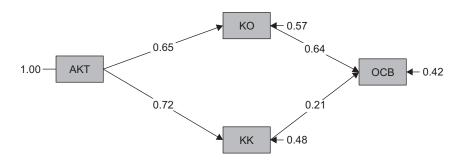
IndexCut of Value Result AKT Result OCB Result KO Result KK Model Evaluation Chi-square (P) Good ≥ 0.05 555.549 244.317 24.206 282.306 CMIN/DF $\leq 2,00$ 1.909 1.279 0.127 1.478 Good **GFI** ≥ 0,90 0.999 0.984 0.972 0.972 Good **RMSEA** ≤ 0,08 0.0778 0.0774 0.0451 0.0763 Good AGFI ≥ 0,90 0.986 0.911 0.929 0.917 Good **CFI** ≥ 0,90 0.913 0.941 0.995 0.932 Good

Table 1 Goodness of Fit

From the table above, it can be seen that the model that is planned is Fit. This is because after the process of test to the scores of GFI, AGFI, and CFI and after the process of comparison with the scores to structural equation model, the result is good. Scoring criteria from *p*-value score, CMIN/df and RMSEA are better than cut of value. The whole results of conformity test model shows that the influence of transformational leadership commitment organisation assessment and working satisfaction to the organisational citizenship behaviour fits to the empirical data.

3. Lane Analysis

The results of lane analysis test (Path Model) in this research completely figured as follows:



Path Model

To gain the influence value of variables above is used regression analysis, that is loading factors or lambda value with intervening variable (Byrne, B. M. (1998). The result of regression analysis shows direct and indirect influence among the variables as follows:

Variable of nurse transformational leadership assessment to the organisational commitment shows direct influence that is significant with the significance level 11.916 > 1.96, so that the hypothesis 1 is accepted. Variable of nurse transformational leadership assessment to the working satisfaction shows direct influence that is significant with significance level 8.064 > 1.96, so that hypothesis 2 is accepted.

Variable of organisational commitment to the organisational citizenship behaviour shows direct influence that is significant with significance level 9.638 > 1.96, so that hypothesis 3 is accepted. While the working satisfaction variable the organisational citizenship behavior shows direct influence that is significant with the significance level 3.243 > 1.96, so that hypothesis 4 is accepted.

Variable of nurse transformational leadership assessment to the organisational citizenship behaviour with organisation commitment mediation shows indirect influence that is significant with significance level 7.982 > 1.96, so that hypothesis 5 is accepted. Variable of nurse transformational leadership assessment to the organisational citizenship behaviour with working satisfaction mediation shows indirect influence that is significant with significance level 3.013 > 1.96, so that hypothesis 6 is accepted. The regression analysis also shows the amount of contribution (\mathbb{R}^2) that is given to the organisational citizenship behaviour as follows:

Variable of nurse transformational leadership assessment and organisational commitment give contribution to the organisational citizenship behaviour with the amount \mathbf{R}^2 = 0.428 or 42.4%. Variable of nurse transformational leadership assessment and working satisfaction give contribution to organisational citizenship behaviour with amount \mathbf{R}^2 = 0.524 or 52.4%. While organisational commitment variable and working satisfaction give contribution to the organisational citizenship behaviour with the amount \mathbf{R}^2 = 0.577 or 57.7%.

Therefore, the results of regression analysis can be summed up that the direct or indirect influence among the significant variables and shows all hypotheses on the research are accepted. On the other words, all hypotheses support. The contribution (\mathbb{R}^2) that is also given by the variables mentioned before on the organisational citizenship behaviour shows positive contribution.

8. CONCLUSION

The model that shows the influence from four variables, i.e. nurse transformational leadership assessment, organisational commitment, working satisfaction, and organisational citizenship behaviour fits to the empirical data. For the other word, the instrument that is used on the research is valid and reliable.

The lane analysis result that variable of nurse transformational leadership assessment and working satisfaction have direct and indirect influence that is significant to the organisational citizenship behaviour. The amount of contribution (\mathbb{R}^2) that is given variables on the organisational citizenship behaviour shows positive contribution.

Therefore, it can be said that assessment on transformational leadership can influence significantly to the organisational citizenship behaviour.

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