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RESEARCH ARTICLE

IMPACT OF ORGANIZATIONAL JUSTICE ON THE PERFORMANCE OF HEALTH CARE WORKERS

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ABSTRACT

Background: For the organization's success, it must work with employees who must behave faithfully and be committed to improving its performance. Justice is considered a sound investment in our organization, and no one can deny the fact that a just organization is where the employees are more engaged and productive. Aim: The study aimed to investigate the impacts of three dimensions of organizational justice (distributive, procedural, interactional) on health care workers' performance. Method: To achieve the aim of this study, the researcher adopted a descriptive analysis crosssectional design. The study population was the workers in King Abdullah Medical City (KAMC), in Makkah, Saudi Arabia. In 2021, The questionnaire was used to collect the needed data, and the response rate was 100%. Data were analyzed by using SPSS, and Three hypotheses were tested based on data collected. Result: Results of the Chi-square analysis demonstrated that a significant relationship was found between health care workers' performance and the three dimensions of organizational justice (distributive justice, procedural justice, and Interactional justice) (P-value <0.05). Conclusion and recommendation: Organizational justice has an important influence on health care workers' performance. The recommendations made from this study are the following: Decisions must be based on accurate information and participation of employees in decisions related to their work. Also, hospital managers should openly describe the fair procedures they are using and explain decisions with dignity and respect

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INTRODUCTION

Human resources are considered a significant factor for organizational effectiveness and efficiency. All organizations need active managers and employees to achieve their vision and objectives (Al-zu, 2010). Individual Employee performance is a crucial variable that positively or negatively impacts organizations' performance and contributes to the organization's success or failure (Ali, 2018). For the organization's success, it must work with employees who must behave faith fully and be committed to improving the organization's performance. Also, for organizational success, all managers in different positions must work together collaboratively and create a supportive work environment that promotes organizational justice and decreases workplace deviance (Alper & Ehtiyar, 2006).

Justice is considered a sound investment in our organization, and no one can deny the fact that a just organization is where the employees are more engaged and productive. Moreover, fairness in treating an employee may lead to increase loyalty and commitment to the organization and, thus, accept its rules and regulations (Rai, 2013). Organizational justice frequently means that satisfaction and success in the workplace. Therefore, justice is one of the best ways that leaders can increase trust between them and their employees. In turn, the employees' responsibility and performance will enhance organizational goals (Rai, 2013). Health care experts have long recognized the importance of organizational justice. However, many organizations are still affected by negative employees' perceptions about their jobs, which can frequently be traced by ineffective dealing.

Due to organizational justice deficiencies in healthcare organizations, the culture generally gives doctors great attention and priority more than others in healthcare organizations (Rai, 2013). Since healthcare is a specialized field and multiple categories of staff work together, the Application of justice theories and principles is not significantly tested in healthcare organizations (Özer et al., 2017) or directed to a specific group like nurses (Rai, 2013). Organizational Justice is defined as the employee's perception towards the fairness of resources' allocation in the organizational authorities. Three dimensions of organizational justice are widely mentioned in the organizational research literature: distributive, procedural, and interactional justice (Kalay, 2016). The term distributive justice can be defined as equal distribution of resources and fairness in the organization's outcome allocation (Bt & Ahmad, 2016).In other words, the distribution of rewards according to individual contribution, and employees are punished for what they are doing (Imamoglu et al., 2019).

Procedural justice is about the truth in the decision-making process, and all decisions regarding the fair distribution of rewards and punishments are justified (Choudhry et al., 2011). In other words, justice in the procedures is related to the organization's methods to distribute the outcomes among their employees (Kalay, 2016). While Interactional justice is how the superiors treat their employees inside the organization, including respect, honesty, and understanding(Kalay, 2016). Task performance can be defined as the ability to fulfill an employee's job tasks and responsibilities, as described in the job description, and meet the required level in terms of quantity and quality (Kalay, 2016). Employees' performance can be measured by their contribution to achieving organizational goals during a specific time. It is also measured by their ability to perform the task and creativity in performing duties (Nurak & Riana, 2017). Workers who neglect to carry out their responsibilities may not receive appropriate rewards or face punishment.

METHODS

The method applied in this study was a descriptive analysis cross-sectional method, The researcher describes all variables included in this study: organizational justice (distributive, procedural, and interactional justice) and healthcare workers' Performance. It also detects the relation between all variables. This study was conducted in King Abdullah Medical City, located in Makkah. After reviewing the number of healthcare workers in King Abdullah Medical City. The estimated number is 3467 (1089 nurses, 591 Physicians, 478 Specialists, 480 Technicians, and 829 Admins). The significance level was set at 5%, the Confidence interval was 95%, the alpha error was 5%, the problem prevalence was 50%, and the sample size was (346), representing 10% of the total number 3467 workers. From each position, 10% or more must be included. The questionnaire consisted of 24 items using a five-point Likerttype scale ranging from 1 for strongly disagree and 5 for strongly agree. Data was collected after getting approval from Research Committee on King Abdullah Medical City. The questionnaire started with a brief explanation for the participants regarding the purpose of the research. Then, they informed that their responses would be kept anonymous and used for a cademic research purposes only.

Data was entered into a personal computer, and it was analyzed using (SPSS) Statistical Package for Social Sciences Version 23 to gain the result. A descriptive analysis was conducted and presented in a table to describe the demographic of the respondent. A Suitable statistical test was applied according to the type of data. Chi-square was used for comparing two or more qualitative variables. In addition, the Pearson correlation test was performed to assess the correlation's direction and strength between independent and dependent variables. A p-value of less than 0.05 and a Confidence interval of 95% were considered significant.

RESULTS

This study included 346 participants, of which 165 (47.7 %) were male, and 181 (52.3 %) were female. Table (1) shows that two-thirds 233 (67.3 %) of participants were from Saudi, and 32.7 % are non-Saudi. A coording to the participant's age, the large group were 25-40 years old 253 (73.1%), 21.7 % is 41-50 years old, 2.3% is less than 25 years old, and 2.9 % is more than 50 years old. According to the level of education, more than half 188 (54.3%) had bachelor's degree, 13.6 % had Doctoral degree, 17.6% had master's degree, and 13.6% had a diploma. Our sample consist of almost one-third (31.5 %) were nurses, 24 % were admins, 17.1% were physicians, 13.9% were technicians, and 13.6 % were specialists. Finally, more than a third of the participants, 135 (39.0%), were from the group (5-10 years experience and more), 60 (17.3%) were from the group (less than 5 years experience), 76 (22.0%) were from the group (11-15 years), 47 (13.6%) were from the group (16- 20 years experience), and only 28 (8.1%) were from the group (more than 20 years experience).

DISCUSSION

The main aim of this study is to investigate the impacts of three dimensions of organizational justice on healthcare workers' performance to help increase the experience and knowledge of weakness and strength areas to improve performance and professional growth. The study's main findings revealed that organizational justice dimensions (distributive justice, procedural justice, and Interactional justice) have an essential influence on healthcare workers' performance, which affects the whole vision of the performance. Regarding hypothesis one, the results showed a significant positive relationship between distributive justice and workers' performance where X2=6.898 and Pvalue=0.009, which means that distributive justice has an important role and influence on the healthcare workers' performance. Where distributive justice refers to perceived fairness and evaluation of decisional outcomes such as performance appraisal, pay, rewards, and recognitions. (Srivastava, 2015) When employees perceive distributive injustice, they react against the results of the decisions taken by the organization. (Cihangiroğlu, Şahin, & Naktiyok, 2012) This finding is consistent with Kalay's (2016) study. They reported that the employee finds the results of this comparison unequal with others.

Table 1. Distribution the population according to gender, nationality, age, level of education, profession and year of experience

Variable		Frequency	Percent
Gender	Male	165	47.7
	Female	181	52.3
Nationality	Saudi	233	67.3
-	Non-Saudi	113	32.7
Age	less than 25	8	2.3
	25_40 Years	253	73.1
	41 50 Years	75	21.7
	More than 50	10	2.9
Level of	Diploma	50	14.5
Education	Bachelor's degree	188	54.3
	Master's degree	61	17.6
	Doctoral degree	47	13.6
Profession	Admin	83	24.0
	Technician	48	13.9
	Specialist	47	13.6
	Nursing	109	31.5
	Phy sician	59	17.1
Year of	Less than 5	60	17.3
Experience	5 10 Years	135	39.0
	11_15 Years	76	22.0
	16_20 Years	47	13.6
	More than 20	28	8.1

Table 2. The relation between distributive justice and workers' performance

-		Workers' performance								
		Poor		Moder ate		High		Total		
		N	%	N	%	N	%	N	%	
Distributive justice	Poor	69	68.3%	80	43.2%	31	51.7%	180	52.0%	
·	Moder ate	15	14.9%	73	39.5%	11	18.3%	99	28.6%	
	High	17	16.8%	32	17.3%	18	30.0%	67	19.4%	
	Total	101	100%	185	100%	60	100%	346	100%	
Chi-square	X^2	6.898								
•	P-value	=0.009*								

The employee will attempt to change their performance to equalize that equation (Kalay, 2016). Also, in a 2018 study, the author reported that distributive justice is considered to be the most influential contributor to employee performance. (Krishnan et al., 2018). Where distributive justice affects performance when efficiency and productivity are involved (Cohen-Charash and Spector, 2001). In other words, distributive justice affects attitudes about specific events (e.g., satisfaction with pay, satisfaction with one's performance appraisal) (Ambrose et al., 2007) and deals with ends (Lambert et al., 2008) Regarding hypothesis two, the results showed a significant positive relationship between procedures justice and workers' performance where X2=7.391 and P-value=0.007, which means that procedures justice has a significant role and influence on the healthcare workers' performance. Where procedures justice refers to the perceived fairness of policies and procedures used to make decisions in workplace. (Srivastava, 2015) When employees perceive procedural injustice, they may react against the entire organization. (Cihangiroğlu, Şahin, & Naktiyok, 2012) This finding is consistent with Mohamed's study (2019), where the author reported a significant positive correlation between organizational justice perception of nurses and quality performance components. Higher levels of organizational justice, particularly procedural justice, are related to more positive quality performance. (Mohamed SA, 2019). Also, in agreement with Özer and colleagues' study (2017), the authors reported that the regression model revealed that the most substantial effect on work engagement level is created by procedural justice followed by distributive and interactional justice (Özer et al., 2017).

Where procedural justice affects performance due to its impact on employee attitudes. (Cohen-Charash and Spector, 2001) in other words, procedural justice affects attitudes about the system (Ambrose et al., 2007) and deals with perceptions of the means (Lambert et al., 2008). Regarding hypothesis three, the results showed a significant positive relationship between interactional justice and workers' performance where X2=3.225 and P-value=0.005, which means that interactional justice has a great role and influence on the healthcare workers' performance. Where interactional justice refers to the perception of the quality of treatment an employee receives when policies and procedures are implemented in the workplace (Srivastava, 2015). When employees perceive interactional injustice, they may react against their administrators. (Cihangiroğlu, Şahin, & Naktiyok, 2012) the study result is consistent with Lee's (2015) study, where the authors reported that that interactional justice has a significant impact on performance, and to motivate employees to increase their performance, the managers must provide a clear explanation of responsibilities at work and the benefits related to their performance (Lee et al., 2015). Also, it is consistent with the Imamoglu study (2019), where the author reported that employee behaviors are considered a critical key to organizational success and maintaining the organization's existence. (Imamoglu et al., 2019) Where interactional justice refers to how one person treats another (Cropanzano et al., 2007) affects attitudes about the system. The results of this study differ from some other studies, such as that of Srivastava (2015), which aimed to examine and compare the influence of different dimensions of organizational justice (of distributive, procedural, interpersonal (or relational), and informational

justice) on work-related outcomes of job satisfaction and organizational commitment with particular reference of healthcare professionals., however, the current study aimed to investigate the impacts of three dimensions of organizational justice on healthcare workers' performance. In addition, the present study differs from Abou Hashish's (2019), where the cross-sectional study focused on investigating nurses' perception of organizational justice and workplace deviance in their hospital and on determining the relationship between perceived organizational justice and workplace deviance. Also, it was different from Bostan & Kilic (2017), where they aimed to investigate the effect of organizational justice perceptions on the sub-dimensions of organizational citizenship perceptions in the hospital sector.

Conclusion and Recommendation

According to the study results, organizational justice has a positive and significant influence on healthcare workers' performance. These results highlighted hospital managers' important role in creating and maintaining a healthy and supportive work environment that promotes organizational justice and decreases workplace deviance. So, Organizations should encourage their managers encourage a culture of respectful communication, discussing theimplications of decisions with employees and treating them fairly, justice in policies, and a proper procedure for allocating resources, rewards.Organizations workload, and that organizational justice's role on their employees' run the risk of negative outcomes, employees' non-compliance with rules and procedures, and lower their satisfaction in some instances.

Recommend ations

- decisions must be based on accurate information and participation of employees in decisions related to their work
- hospital managers should openly describe the fair procedures they are using and explain decisions with dignity and respect
- leadership should focus on creating a positive environment by applying open door policy and providing rewards for achievements future studies should go beyond to assess the possible reasons and effects of the relationship between organizational justice and quality performance.

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