ABSTRACT

Background: The objective of this study is to explore the nature of the association of discrete systems of human resource management practices and the rate of voluntary turnover of registered nurses (RNs) in a large sample of Canadian acute care hospitals and nursing homes. Healthcare quality, cost and access are impacted by excessive turnover of nursing staff. The rate of annual turnover for registered nurses has been estimated to be about 20 percent in Canada, with a total cost of almost $27,000 for each RN. Healthcare organizations that employ large numbers of registered nurses are keen to learn more about the role that organizational policies and practices play in reducing voluntary turnover. The relationship of human resource management (HRM) practices and employee turnover has generally been under-investigated. Three HRM systems, composed of bundles of discrete workplace or employment practices, were conceptualized in order to assess the relationship of HRM practice systems with the rate of RN turnover, at the establishment or facility level. Three HRM practice systems were constructed to test their systemic impact on nursing turnover: a technical HRM system that focuses on bureaucratic policies and practices that regulate the employee-employer relationship; a quality-of-worklife HRM system that includes a variety of employee-centered and family-friendly employment practices; and a high-involvement HRM system that utilize workplace arrangements that increase the commitment, engagement, accountability and participation of nurses.

Methods and analysis: The chief nursing officers of 2,208 Canadian hospitals and long-term care facilities received the study questionnaire, generating responses from a total of 705 establishments. Each of the three HRM practice systems is estimated at each facility and comprised eight (8) discrete employment or workplace practices. Using estimates of voluntary RN turnover as the dependent variable, a step-wise ordinary least squares (OLS) regression was performed on each HRM practice system.

Results: After controlling for facility characteristics and for local labour market conditions, the quality-of-worklife HRM employment system \((p < .05)\) and high-involvement HRM work system \((p < .05)\) are found to be related with lower voluntary turnover, yet their overall relationship with facility RN turnover appears to be quite modest. Our technical HRM practice system is not found to be associated with facility RN turnover.

Conclusion: HRM systems comprising employee-friendly employment practices and high-involvement work practices may play an important (but modest) role in reducing RN turnover.

Key Words: Nursing turnover, Human resource management practices
While nursing turnover can be affected by a number of external factors, it is more often directly impacted by a host of internal characteristics, including organizational and workplace climate. Turnover has the potential to impact workplace productivity in that it often serves to renew and revitalize a ‘tired’ organization and can lead to lower overall operating costs when expensive employees are replaced with less expensive ones. There is a general consensus that high levels of turnover are costly for healthcare organizations, detrimental to well-being and productivity of nurses who remain, and have the potential to affect patient care quality. Financial costs of turnover include both direct financial costs (i.e., advertising and training costs, temporary replacement costs including overtime costs, and hiring costs), as well as indirect costs (i.e., orientation and training costs, lower productivity of new hires, and costs associated with the termination of employment). Non-financial costs of turnover also include the loss of human, social and intellectual capital.

While nursing turnover can be affected by a number of external labour market factors, it is more often directly impacted by a host of internal characteristics, including organizational and workplace climate. Turnover has the potential to impact workplace productivity in that it often accelerates changes in staffing numbers and mix while increasing the use of ‘non-standard’ employees, as well as nurse auxiliary personnel, part-time staff, and temporary (agency) nurses. As a consequence, excessive turnover gives rise to even more exiting behaviours as nurses become emotionally and physically compromised as they try to cope with having fewer and less experienced colleagues available to manage the same workload.

Turnover is usually superceded by individual intentions to leave an organization, and is more often seen in workplaces with high rates of absenteeism, work-related stress, burnout, and job dissatisfaction. Takase, Yamashita and Oba describe turnover intention for nurses as involving a multi-stage process consisting of cognitive, affective, and behavioural components. Factors such as deep friendships at work, and the lack of opportunities elsewhere, may serve to counteract feelings of job dissatisfaction and act to keep a person on the job. Turnover intent may be impacted by a favorable management style and by leadership characteristics. Raup, in a study of emergency room nurses, found that a transformational leadership style is associated with lower rates of turnover.

Nursing turnover has been conceptualized as an intermediary, throughput factor that has a mediating effect between system inputs and outputs. Numerous studies have identified personal, workplace, organizational and market factors associated with nursing turnover. Findings of relevant research studies have been summarized by Hayes and associates and by Chu and colleagues. Individual determinants of nurse turnover that have been extensively investigated are job satisfaction, age, education, professional orientation, psychological empowerment and job tenure. Workplace factors associated with nurse turnover include total workload, job scope, the degree of job embeddedness, as well as managerial factors. Organizational factors associated with turnover are human resource employment policies and practices, including training and career development options and promotional opportunities, while market factors relate to the relative abundance of alternate employment opportunities. To date, human resource management employment and workplace policies and practices have not been extensively investigated with respect to their potential to reduce nursing turnover.

1.1 Human resource management practices and turnover

In response to the longstanding criticism that human resources management (HRM) adds little value to organizations, much academic research has occurred in the past 20 years that has sought to show that HRM practices are drivers of organizational performance. Indeed, Huselid’s 1995 groundbreaking study demonstrated that a set of HRM practices he called ‘high performance work systems’ are related to accounting profits, the market value of the for-profit organization, and to turnover. Combs and colleagues in a meta-analysis including 92 studies on the HRM-firm performance relationship found that a one standard deviation increase in the use of high performance work systems is typically associated with a 0.21 standard deviation increase in accounting profits, while the market value of the for-profit organization is typically associated with a 0.36 standard deviation increase.
practices is associated with a 4.4% decrease in turnover. While the performance effect of individual HRM practices has been extensively examined with somewhat mixed results, it is the combined, ‘systemic effects’ that are crafted through the production of discrete ‘practice bundles’ whereby individual practices act synergistically with other practices.\(^{[24]}\) It may be that the impact of HRM practices on performance occurs only when a combination of these practices, comprising a coherent HRM system, is concurrently adopted.\(^{[25]}\) While the application of individual HRM practice systems may be a requirement for a sustained impact on organizational performance, no consensus exists as to which specific practices to include in a particular HRM system, nor is there even agreement with respect to what constitutes a discrete HRM system. Nevertheless, a number of researchers have conceptualized the relevance of discrete HRM practice systems and have postulated their potential impact on performance. Research has begun to focus on defining and measuring combinations of HRM policies and practices that constitute a firm’s HR system and demonstrating a relationship of this system and organization-level performance outcomes.\(^{[26]}\) For instance, Toh, Morgeson and Campion,\(^{[27]}\) in a study of 661 US organizations, identify five major HRM systems—cost minimizers, contingent motivators, competitive motivators, resource makers, and commitment maximizers. Each HRM system is thought to have discrete consequences for various aspects of organizational performance.

In this study, we have postulated the existence of three distinct HRM systems that can exist (to varying degrees) in organizations: a technical (bureaucratic) HRM system, a quality-of-worklife HRM system, and a high-involvement HRM system. While most healthcare organizations have elements of all three HRM systems, it is postulated that voluntary nursing turnover will be more greatly ‘influenced’ in those facilities where certain HRM systems predominate. We will examine each of these three HRM systems in turn with respect to their ability to reduce nursing turnover.

### 1.1.1 Technical HRM systems

A technical HRM system is composed of work and bureaucratic employment practices that serve primarily to regulate the employer-employee relationship. Examples of technical HRM practices include the use of employee orientations (for new hires), formal employee performance appraisals, and the existence of written job descriptions for nursing staff. These employment and work practices are routinely and commonly used in many healthcare organizations, serving primarily to improve the efficiency of human resources and to regulate the employment relationship. For the most part, technical HRM practices are bureaucratic, commonly occurring, and are non-strategic in nature. While larger healthcare establishments may be more likely to have a more embedded technical HRM system, employees are generally indifferent to the use of the practices. It follows from this that:

**Hypothesis One:** Healthcare facilities with a strong technical HRM system will not demonstrate lower RN turnover.

### 1.1.2 Quality-of-worklife HRM system

A quality-of-worklife HRM system comprises employment practices that are favored by employees and their families. Examples of Quality-of-worklife (QWL) HRM system include the adoption of employee- and family-friendly policies such as flexible work hours, self-scheduling, voluntary job-sharing, and an on-site child care program. Kinship responsibilities involve home obligations for working nurses—spouses, children, and aging parents affect satisfaction (and turnover intention) on the job. In a study of 84 nurses who had voluntarily terminated their employment, Strachota and colleagues\(^{[28]}\) found that 19 nurses indicated the reason for leaving as being family-related. Nursing work environments that involve long shifts, overtime, weekends, and night shifts are found to be predictors of anticipated turnover.\(^{[29]}\) While nurses’ intention to stay is found to be associated with feelings of being valued by administration,\(^{[30]}\) Kane\(^{[31]}\) showed that nurses who are able to job-share are more likely to demonstrate greater job satisfaction and to remain at work. Administrative interventions that aim to improve the quality-of-worklife are considered imperative to nursing workforce retention. If follows from this that:

**Hypothesis Two:** Healthcare facilities with a strong quality-of-worklife HRM system will demonstrate lower RN turnover.

### 1.1.3 High-involvement HRM system

A high-involvement HRM system is composed of a number of HRM work practices which increase the engagement, involvement and participation of nurses. Examples of high-involvement practices include: nursing shared governance, quality improvement teams, merit pay, and suggestions systems. The practice environment impacts work content which influences individual motivation and organizational commitment. Human resource management practices are structural factors that facilitate the empowerment of nursing staff can lead to job satisfaction and to feelings to remain at work. Structural empowerment is the perception of the presence or absence of empowering conditions in the workplace,\(^{[32]}\) while psychological empowerment is the employees’ psychological interpretation to these conditions.\(^{[33]}\) Hauck, Quinn Griffin and Fitzpatrick\(^{[34]}\) report an inverse relationship between structural empowerment and anticipated turnover in critical care nurses. Fostering environments that enhance
perceptions of empowerment can have lasting positive effects on nursing personnel. High-involvement practices increase the degree of felt job-embeddedness experienced. Being more firmly ‘attached’ to an organization is associated with reduced feelings of intent to leave and to lower overall turnover. Anderson, Corazzini and McDaniel show that reward-based climates, high levels of communication openness are associated with lower turnover in nursing homes. It follows from this that:

**Hypothesis Three:** Healthcare facilities with a strong high-involvement HRM system will demonstrate lower RN turnover.

Consistent with the ‘universalist perspective’ with contends that HRM practice systems will produce additive and synergistic effect when combined together, it follows that a stronger impact on turnover can be realized when HRM practice systems are combined.

**Hypothesis Four:** Healthcare facilities with a strong quality-of-worklife HRM system and a strong high-involvement HRM system will demonstrate much lower RN turnover.

## 2. Method

### 2.1 Survey participants and procedure

Ethics approval for this study was secured from the University of Alberta Health Research Ethics Board. A postal questionnaire was sent to 2,208 hospitals and long-term care organizations (nursing homes) operating in all ten provinces and three territories in Canada. Relevant information and addresses for each establishment are found in the Guide to Canadian Healthcare Facilities, 2001-2002, where selection criteria limited our sample set to hospitals and nursing homes with 25 or more staffed beds. The questionnaire and a cover letter were addressed to the person directly responsible for the nursing function at that facility. All participants were informed about the nature of the study and that their participation would be voluntary and confidential. Six weeks after the initial mail-out, the questionnaire was again sent to those organizations that did not respond to the first request for participation. After subtracting the refusals, duplicates, and non-deliverables, 232 hospitals (including those designated as acute, chronic, and rehabilitative), and 473 nursing homes constituted our study sample—a 31.9% response rate. The degree of non-response bias was investigated by comparing late (second wave) and first responders (first wave) according to organizational size, type and location. Late respondents are more similar to non-respondents than early responders. Later responders are not found to show significant differences with respect to any of these characteristics with earlier responders.

### 2.2 Study measures

The primary goal of this study is to investigate the potential of coherent systems of human resource management practices to be associated with lower voluntary turnover of registered nurses. Three human resource management systems (bundles of HRM practices) were investigated with respect to their potential to reduce employee turnover: a) technical HRM practices, b) QWL HRM practices, and c) high-involvement (HI) HRM practices. A number of establishment factors and market-based factors were controlled-for in our analysis because of their potential to be associated with voluntary employee turnover and the selection of human resource management practices.

#### 2.2.1 Study variables

The dependent variable in this study is registered nurse (RN) turnover, and was measured using a four-point scale, where respondents were asked to estimate the annual voluntary turnover rate of registered nurses in their facility (from 1=no or little turnover [0-2%] to 4 = heavy turnover [>25%]).

The objective of this research is to investigate the relationship between human resource management practices and voluntary turnover of registered nurses. While each independent practice has the potential to impact employee turnover, the greatest impact of human resource management practices on employee turnover will be observed when these practices are combined or bundled into a coherent practice system. Three HRM practice systems were constructed, each comprising a bundle of eight (8) HRM practices. For each HRM practice, respondents were asked if they had such as practice, and if so, to estimate the percentage of nurses covered by the practice. A nurse technical HRM system scale (Cronbach α = .53) comprises a discrete bundle (system) of HRM practices in that they are universal (used by almost all organizations), employee-neutral (employees are generally indifferent to their use), and non-strategic in nature (not directly related to the realization of an organization’s strategy). The primary purpose of an HRM technical system is to increase the overall efficiency, productivity and accountability of labor resources. Examples of technical practices include the use of employment selection tests, written job descriptions, and formal employee performance appraisal. Our nurse quality of worklife HRM system scale (Cronbach α = .51) comprises a coterie of practices that are considered to be ‘humanistic’ in nature, inasmuch as they are employee- and family-friendly employment practices designed to improve life-at-work, because they focus on employee welfare both on and off the job. Example QWL practices include employee assistance programs, child care programs, and employee career counseling. Our nurse high-involvement HRM system scale (Cronbach α = .65) comprises a bundle of HRM
practices that are generally considered to increase the participation, engagement, and commitment that nurses have with their work. Examples of high-involvement practices include nursing shared governance, employee suggestion systems, and nurse self-managing work teams.

It should be stated that the internal reliability scores, represented by Cronbach alpha, were slightly low for two of our three HRM practice systems. Since reliability scores lower than .60 are problematic, this constitutes a valid, albeit small threat, to the validity of research findings.

### 2.2.2 Control variables

A number of establishment variables were controlled in our analysis because of a potentially confounding relationship with nursing turnover and the implementation of HRM practices. Facility type was controlled because technical complexity and patient or resident acuity levels vary across establishment settings and have the potential to impact turnover as well as human resource management practice choices. Facility size reflects the number of beds in operation (calculated as a natural log) and was controlled in our analysis because larger establishments usually have more funds available to invest in developing their human capital in line with providing greater training and development opportunities to staff. Having a formal human resources management department or function may facilitate the implementation of more human resource management practices. Facility location was also controlled because establishments situated in urban places have larger pools of labor from which to employ. An important factor that affects turnover is the overall character of the local labor market. When the local labor market (for registered nurses) at a particular facility has more jobs available (M1), when applicants have greater mobility between existing jobs (M2), and when the supply of suitable applicants is relatively low (M3), turnover may be increased.

### 2.3 Analysis

In order to assess the independent and combined effects of HRM practices on RN turnover, three systems (bundles) of HRM practices were constructed for each establishment: a technical HRM system, a quality-of-worklife HRM system, and a high-involvement HRM system. A fourth HRM system was ‘artificially’ constructed by combining the high-involvement and quality-of-worklife system for each establishment (Model D). Four sequential ordinary least square (OLS) regressions were performed. In the first regression (Model A), the relative contribution of the control variables was run with RN turnover as the dependent variable. In the second regression (Model B), the quality-of-life HRM system and the control variables were run. In the third regression (Model C), the control variables were combined with our high-involvement HRM system, while in the fourth regression (Model D), our combined quality-of-worklife and high-involvement HRM system were added to the control variables.

### 3. RESULTS

Table 1 shows the demographic characteristics of the nursing homes and hospitals in the study. Approximately one-third of the establishments in this study are hospitals. Hospitals in our sample tend to be larger than long-term care establishments (219 beds versus 111 beds). The turnover rates for registered nurses vary across sites, but nursing homes generally reported lower RN turnover than hospitals. However, RNs constitute a much smaller percentage of total employed nurses in nursing homes. The human resource management function is more likely to be formalized in hospitals than in nursing homes. The human resource management function is more likely to be formalized in hospitals than in nursing homes.
long term care organizations, where only about one-half of establishments have personnel departments. Results show, for instance, that almost 21% of nursing staff in hospitals use self-scheduling in comparison to about 14% of nursing staff in long-term care facilities.

To examine the independent effect for each type of HRM system on voluntary RN turnover, a four-stage hierarchical regression analysis was run to examine the independent contribution of each type of HRM system on voluntary turnover (see Table 2). In order to increase the statistical power for estimating the impact of a HRM practice system on turnover, hospitals and nursing home facilities were combined in our analysis, while facility type was controlled in the analysis. The ‘Base’ model represents the overall contribution of our control variables, which in total explains about 6% of the variance for the dependent variable, facility RN turnover. Our test results (see Model A) show that the technical HRM practice system do not show a statistically significant association with RN turnover. This finding is consistent with hypothesis one. The independent contribution of our quality-of-worklife HRM system (Model B) and the high-involvement HRM system (Model C) show a modest but statistically significant reduction in voluntary RN turnover ($p < .01$). These findings provided confirmation of hypothesis two and hypothesis three. However, the magnitude of the association is quite modest. Hypothesis D predicted an ‘additive effect’ between for these HRM practice systems. Implicit in this characterization is the contention that the more HRM practices comprising a HRM system, the better. This was confirmed as the strength of inverse statistical association was stronger as well as the degree of statistical significance ($p < .005$).

### Table 2. OLS Regression Results for Establishment Voluntary Turnover

<table>
<thead>
<tr>
<th>Control Variables</th>
<th>Base</th>
<th>Model A</th>
<th>Model B</th>
<th>Model C</th>
<th>Model D</th>
</tr>
</thead>
<tbody>
<tr>
<td>Establishment Factors</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Establishment size (In beds)</td>
<td>.04(.05)</td>
<td>.04(.05)</td>
<td>.05(.05)</td>
<td>.04(.05)</td>
<td>.05(.05)</td>
</tr>
<tr>
<td>Establishment location</td>
<td>.00(.03)</td>
<td>.00(.03)</td>
<td>.00(.03)</td>
<td>.00(.03)</td>
<td>.00(.03)</td>
</tr>
<tr>
<td>Establishment type</td>
<td>-.33***(.07)</td>
<td>-33***(.08)</td>
<td>-35***(.08)</td>
<td>-31***(.08)</td>
<td>-33***(.08)</td>
</tr>
<tr>
<td>Formal HR department</td>
<td>.09(.07)</td>
<td>.05(.07)</td>
<td>.08(.07)</td>
<td>.06(.07)</td>
<td>.08(.07)</td>
</tr>
<tr>
<td>Local Market Factors</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>RN job supply (M1)</td>
<td>-0.01(.02)</td>
<td>-0.01(.02)</td>
<td>-0.01(.02)</td>
<td>-0.01(.02)</td>
<td>-0.01(.02)</td>
</tr>
<tr>
<td>RN mobility (M2)</td>
<td>.07***(.02)</td>
<td>.07***(.03)</td>
<td>.08***(.03)</td>
<td>.08***(.03)</td>
<td>.08***(.02)</td>
</tr>
<tr>
<td>RN supply (M3)</td>
<td>-0.07***(.02)</td>
<td>-0.07***(.02)</td>
<td>-0.07***(.02)</td>
<td>-0.06***(.02)</td>
<td>-0.06***(.02)</td>
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<tr>
<td>HRM Systems</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A. Technical HRM system</td>
<td>-01 (.07)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>B. Quality-of-worklife HRM system</td>
<td>-15*** (.07)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>C. High-involvement HRM system</td>
<td></td>
<td>-14***(.05)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>D. Combined (QWL + HI) HRM system</td>
<td></td>
<td></td>
<td>-21***(.07)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Constant</td>
<td>2.00***(.26)</td>
<td>1.96***(.28)</td>
<td>2.05***(.27)</td>
<td>2.06***(.27)</td>
<td>2.10***(.27)</td>
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<tr>
<td>Adjusted R-square</td>
<td>.62</td>
<td>.59</td>
<td>.67</td>
<td>.69</td>
<td>.72</td>
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<tr>
<td>Δ-R</td>
<td>---</td>
<td>-0.003</td>
<td>-0.005</td>
<td>-0.007</td>
<td>.010</td>
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<tr>
<td>F-statistic</td>
<td>7.02***</td>
<td>5.87***</td>
<td>6.56***</td>
<td>6.73***</td>
<td>7.01***</td>
</tr>
</tbody>
</table>

Regression coefficient with standard errors in parenthesis: * $p < .01$; ** $p < .005$; *** $p < .001$

### 4. DISCUSSION

Our results show that healthcare organizations which adopt HRM systems that emphasize nurse- and family-centered employment practices and which adopt HRM systems that promote high-involvement work practices are associated with lower facility RN turnover. Our technical HRM system was not found to have an association with RN turnover. Our results are fully consistent with a ‘universalistic perspective’ that predict a ‘reinforcing effect’ with the addition of more HRM practices. While our study hypotheses are confirmed, the overall strength of the association that is observed appears to be quite modest, a finding which suggests that other factors (identified earlier) potentially play a greater role in impacting nurse turnover rates. Nevertheless, we should not discount the role of human resource management policies and practices to construct an institutional environmental in which nurses practice their craft.

#### Study limitations

Results provide general support for our study hypotheses. Nevertheless, there are a number of limitations that require elaboration. First, the data collected are from nurse managers who are reporting on conditions in their establishments. Since the dataset is assembled from a single source, common methods variance has the potential to confound results. Single respondent bias also limits our ability to generalize findings as nurse managers may not always be in the best
judge with respect to the presence or absence of particular employment practices that are operational. Second, our measures of HRM employment and workplace practices are somewhat subjective and depend upon the perception and bias of respondents. For example, study participants were asked to indicate the degree to which a particular HRM practice is “embedded” in their organization by estimating the number of nurses covered by such practice. Even though a particular practice or policy has been adopted by an establishment, its manifestation may not resemble the practice that has been adopted in another organization. For instance, a self-scheduling system may be quite distinct with respect to its particular features making comparison with a self-scheduling approach that has been implemented in another establishment. Third, it is important to distinguish between HRM practices that are “intended” or believed to have been implemented, from those that are actually implemented. While HRM systems may be designed at the organizational level, many are implemented at the workplace level by supervisors who have varying degrees of understanding and ability to reflect (and implement) original intent.

Fourth, there is no real agreement with respect to which specific practice actually belongs to a particular HRM practice system. The three types of HRM systems examined in this research represent somewhat ‘artificial’ constructions that in reality defy simple characterizations. For example, nurse self-scheduling is generally considered a high-involvement work practice because it increases employee participation, involvement and commitment, but could also be a quality-of-worklife practice because it is employee- and family-friendly and thus generally preferred by nurses because it allows them to schedule work in ways that better accommodate personal and family situations. In this study, our overall construction of HRM systems is generally consistent with a ‘universalist perspective’ with respect to the relationship of HRM practices to our performance outcome measure (facility RN turnover). This perspective suggests an ‘additive effect’ for each practice—that is to say, having more HRM practices in a system (bundle) is inherently ‘better’ than having fewer practices. Yet, this may not be true in instances where ‘deadly connections’ results as certain practices are placed together in one HRM system. For instance, individual incentive or merit pay is usually considered to be a high-involvement work practice, yet its inclusion in a HRM system may undercut employee collaboration and teamwork while promoting competition among employees. Fifth, the level of ‘internal fit’ between the various individual HRM practices comprising a particular HRM system may not be the only element of structural fit required. Indeed, the ability of HRM practices to impact performance or lower turnover may not occur unless it aligns or fits with a number of other factors, including organizational strategy and workplace culture. HRM practices may have the potential to reduce turnover, but only when they ‘align with’ or ‘fit’ the organization’s strategy or its culture. Sixth, our analysis is retrospective and reflects assessments at one particular point in time. Our analysis does not allow for us to infer causality between study variables. We are unable to say that a particular HRM system ‘causes’ a reduction in turnover, only that it demonstrates an association with it. Finally, our study reports on existing practices and conditions in Canadian healthcare organizations. As such, we are unable to generalize our findings to organizations in other jurisdictions and industries.

5. Conclusion

Although somewhat preliminary, our results are consistent with previous research which shows an important relationship between the application of human resource management practices and employee turnover. Given the high cost of nursing turnover, it is imperative for healthcare organizations to adopt HRM practices that have the potential to reduce the rate by which nurses leave their employ. This study has showed that, although the contribution of practice systems to reduce voluntary turnover is modest, human resource managers need to be cognizant of the role that employment practices and policies play in creating a workplace that both fully engages nurses as well as facilitates their work-family interface.

Conflicts of Interest Disclosure

The authors have no potential conflicts of interest.

References


