THE INFLUENCE OF PRECEPTORSHIP TRAINING ON THE GUIDANCE QUALITY TOWARDS CLINICAL PRACTICE STUDENTS

Aloysius G Turambi1*) & Lisa Musharyanti2

1) General Hospital of Prof. Dr. R.D. Kandou, Manado
2) School of Nursing, Faculty of Medicine and Health Sciences, Universitas Muhammadiyah Yogyakarta.

Abstract

The preceptorship model has been widely used in clinical nursing education to achieve clinical students’ competence. Although preceptorship is the core of clinical education, it also requires restructuring and support in its implementation so that preceptorship training develops. Preceptorship training has an important effect on the competence, clinical skills, and satisfaction of the preceptor in guiding nursing students, but not all preceptor nurses are trained to perform this complex role. This study aims to identify the effect of preceptorship training on the guidance quality of clinical practice students. This study is a literature review, accessed from internet database searches i.e. Google Scholar, Pro-Quest, and ScienceDirect with the keywords preceptorship, preceptorship training, preceptorship, and clinical practice. From the Google Scholar database, 480 articles were found, 365 articles from Pro Quest and 327 from ScienceDirect. After going through the screening process and eligibility, 7 articles fit the inclusion criteria and were analyzed. The results showed that 4 parts result from preceptorship training and affect the guidance quality of clinical practice students to increase knowledge, clinical skills, and confidence in the nursing process, improve communication skills, provide positive support to students, and connect the gap between theory and practice.

Keywords: Preceptorship; Preceptorship Training; Preceptorship And Clinical Practice

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*) Corresponding author:
Email: aloysius.turambi@gmail.com

1. Introduction

Preceptorship is a learning model where nursing students are matched with a preceptor or a practical field to gain clinical experience in a certain period and supported by the education institution (Oosterbroek et al., 2015). Registered and experienced students play the role of the precepto who provide practical skills and educational preparation to nursing students privately in the clinical practice environment (Hilli & Melender, 2015). Preceptorship becomes a collaborative work field, practice, and educational institution teaching the students, as well as the students’ education that involved preceptor and tutors. Preceptorship can breed students’ confidence during the practice, increase competence, improve critical thinking skills, and raise the performances of both preceptor and the guided students (Schuelke & Barnason, 2015).

In the development as the learning and experience basis for practice students, preceptorship faces obstacles with the need of teaching, supervision, more effective clinical evaluation, improved collaboration between the education and clinical institution, the lack of additional equipment in a clinical and nursing institution, and the lack of involvement time for students in clinical practice. Preceptorship tries to accommodate the learning needs of students by adjusting the workload (Keough et al., 2015).

Though preceptorship becomes the core of clinical education, it also requires restructuring and support in the implementation thus preceptorship training is developed. Preceptorship training provides important effects on competence, clinical skills, and the satisfaction of the guiding nurses when advising the nursing students, even though not all preceptor nurses are trained to play such complex roles. In England, some preceptor nurses do not receive preparation nor formal training to play the role as the advisor (Panzavecchia & Pearce, 2014), and in Taiwan, although the preceptorship training program had been widely applied in the hospitals, the concept was not designed according to the learning needs of the preceptor (Chen et al., 2011). The application of preceptorship training also shows that the training content was still theoretical instead of practical, hence the preceptor feels less confident in the implementation (Valizadeh et al., 2016). Based on that, literature reviews are required to assess the influence of preceptorship training on to guidance quality of clinical practice students.

2. Method

This research is a literature review with preceptorship articles to identify the preceptorship training influence towards the guidance quality of clinical practice students. The limited article
searches in English accessed from the Internet database are Google Scholar, Pro-Quest, and Sciedirect with the keyword preceptorship, preceptorship training, preceptorship and clinical practice, and the literature searches that were published between 2010 to 2020. The inclusion article criteria used were articles aimed relevantly with the theme and in the form of quantitative studies while the exclusion criteria were the abstract articles, articles that are not in English, and articles without the full texts. Articles fulfilling the inclusion criteria are checked and collected systematically. The search process resulted in 7 articles meeting the inclusion and exclusion criteria.

3. Results and Discussion

Based upon the search result, 36 pieces of literature with the titles according to the research aim were collected and had the screening. After the screening, 29 articles were found in the form of theory review, opinion, articles, the issue with systematic review methods, and qualitative studies, and 7 articles meeting the inclusion criteria were then reviewed. The Flow diagram of the literature search and selection process can be seen in the picture.
<table>
<thead>
<tr>
<th>No</th>
<th>Author/Year</th>
<th>Article Title</th>
<th>Journal</th>
<th>Aim</th>
<th>Method</th>
<th>Result</th>
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<tbody>
<tr>
<td>1.</td>
<td>Aboshaiqah &amp; Qasim, 2018</td>
<td>Nursing interns' perception of clinical competence upon completion of preceptorship experience in Saudi Arabia</td>
<td>Nurse Education Today</td>
<td>To determine whether the preceptorship program has provided nursing students with the education required in improving clinical competence.</td>
<td>Mixed methods with descriptive cross-sectional</td>
<td>Preceptorship program affected positively towards the students skill in handling actual patients at the clinical arrangement. Therefore, the preceptorship training program is an effective teaching strategy motivating the beginners for the further stage of clinical competence development.</td>
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<td>2.</td>
<td>Chang, C., Lin, L., Chen, I., Kang, Chun., Chang, Wen. 2015</td>
<td>Perceptions and experiences of nurse preceptors regarding their training courses: A mixed method study</td>
<td>Nurse Education Today</td>
<td>To explore the preceptor perception upon completing the preceptorship training and their experience when working as the advisor.</td>
<td>Mixed method design</td>
<td>It is showed that the present preceptorship training is not practical. The most important and useful training concept in preceptorship clinically is the development of communication skill, while the adult learning model is considered ineffective. Three themes identified based on problems are; inadequate training was received before nurses are given the responsibility as the preceptor, more theoretical training instead of practical, and Preceptor experiencing stress from many sources.</td>
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<td>3.</td>
<td>Jeggels, J., Traut, A., Africa, F. 2013</td>
<td>A report on the development and implementation of a preceptorship training programme for registered nurses</td>
<td>Curationis</td>
<td>To identify the preceptorship training program in clinical practice students.</td>
<td>True experimental</td>
<td>After internal review upon the sampling program in 2010, relevant adjustment was made. All authorities are recommended to be involved in the development and implementation of the more relevant preceptorship training program contextually. Further recommend the education institution to begin a wider evaluation program.</td>
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Evaluating the Effectiveness of a Clinical Preceptorship Program for Registered Nurses in Jordan

The Journal of Continuing Education in Nursing

To implement and evaluate the preceptorship program in preparing the registered nurses to be a preceptor and form the preceptorship program in promoting knowledge about guiding Jordanian nurses.

True Experimental: 68 registered nurses

It shows differences between experiments (n=30, M=33.41, SD=4.5) and control group (n=38, M=26.41, SD=4.6) after the preceptorship program implementation significantly results as follows (t=5.5, df =66, p=.000). The training program shows significant improvement on clinical students’ knowledge.

5. Nyaga, E., Kyololo, O. 2017

Preceptor Knowledge on Preceptorship in an Academic Hospital in Kenya

The Journal of Continuing Education in Nursing

To determine preceptor’s knowledge and resources regarding preceptorship in an Academic Hospital in Kenya.

Quantitative; chi square. Sample 254 nurses using the Likert scale.

Average knowledge score is 1.71 (SD 60.41). Some people have joined the preceptorship training, the knowledge about it was from experience or role model. More nurses joining the program agree that the role of preceptors a participant must be defined clearly in the beginning of the clinical placement, x2 (1) = 15.54, p = 0.016. Though nurses have great knowledge of preceptorship, only a few joined the program so that the training program is needed.


Development of a situational initiation training program for preceptors to retain new graduate nurses: Process and initial outcomes

Nurse Education Today

To describe systematic development of Situational Initiation Training Program (SITP) for the preceptors and evaluate the impact on the stress level towards the preceptor and the new nursing graduates, the relation of preceptor and students, and the support given by preceptor to the students.

True Experimental; SITP training model development

Annual NGN turnover level was 10.5%. During the first year of preceptorship, NGN reported medium level of stress, good up to very good relations with the preceptor, medium up to very good support from the preceptor, and low intention to leave the job. The preceptor was also reported to have medium stress level, except at the 12th month (average=4.8), and good up to very
Based on the article analysis, preceptorship training does influence the guidance quality for clinical practice students. Below are the influential factors:

1. Improve knowledge, clinical skill, and confidence during the nursing treatment.

   A research by Aboshaiqah & Qasim (2018) showed that nursing students in clinical practice felt less confident in making shift report, experienced habit changes, critical treatment, elimination, nursing intervention determination, and documentation so that the preceptorship program plays an important role. Through the preceptorship, well-trained clinical advisors can be present to help students develop knowledge and skills. Clinical advisors could pay more attention and become the role model when making clinical treatments, thus it may improve students’ attitude in dressing, performing, and behaviors. A research by Muir et al. (2013) also found the role of preceptorship training for clinical advisors when developing students’ knowledge and clinical skills in terms of drugs administering, work accuracy and safety, as well as fulfilling patients’ nutrition needs.

2. Improve communication skill

   Nursing is a profession focusing on individual, family, and community treatment which requires communication skill. A research by Chang et al. (2015) reported that preceptorship training resulted effective communication skill to play the role as a preceptor. Communication skill is needed by a preceptor when socializing clinical skills to students changing roles from theory to practice and help build good relation between the good relation with NGNs.

   SITP significantly improves preceptor-NGN relation, while no improvement observed at the stress level, except from the preceptor. SITP is clinically effective for preceptor therefore, the nurse educators can apply the SITP to redesign the preceptorship program in developing skilful preceptor and boosting the training results.

| 7. Muir, J., Ooms, A., Tapping, J., Maran, D., Philips, S., Burke, L. | Preceptors' perceptions of a preceptorship programme for newly qualified nurses | Nurse Education Today | To evaluate preceptor’s perception on the preceptorship program | Mix method; The advisors generally view the preceptorship program and their role positively. Despite the problem of finding the time to meet the students is an obstacle, preceptor’s experience is considered to have positive impact on some aspects of students development. |

A research by Al-Hussami et al. (2011) also expressed that preceptorship training can improve preceptor’s knowledge and confidence in providing high standard of clinical education with positive students result, so as to increase the quality of patient treatment. In accordance with the previous researches, Nyaga & Kyololo (2017) mentioned that in a structural preceptorship training, the clinical advisor or preceptor is formally trained prior to doing advisory tasks, and trained preceptors have greater knowledge related to roles and responsibilities due to the knowledge which has become the most essential factor in creating effective clinical learning.
preceptor and the student himself. In line with a statement by Jeggels et al. (2013) that the result of preceptorship training must be able to manage good relations between the preceptor and students in the learning service because of the success of preceptorship in nursing is determined by the relationship power of the preceptor and his students. Supported by a research of Kang et al. (2016) who developed Situational Initiation Training Program (SITP) preceptorship training to bridge the gap between the preceptor and the students at the clinical environment where students with an advisor who had joined the preceptorship training program have very good relationship so that they gain full support during the clinical practice and conflicts that often happen can be reduced effectively.

The research by Kang et al. (2016) also explained that preceptorship training program can build understanding between advisors and students and even facilitate them in building good relation. Preceptorship guidance model developed in Taiwan is implemented twice a day every 10 minutes to do the information transfer between the preceptor and the students, may communicate and interact discussing problems in the application of clinical practice. Through this model, trained preceptors developed effective communication to the clinical practice process in the hospital service.

3. Provide positive support to students

The relation of the preceptor and students becomes an important aspect of clinical practice led by a clinical advisor or preceptor. A good relation can be maintained when a clinical advisor can provide positive support to students. In practice, preceptors and students do not usually have good relations due to a few things, such as stress influence experienced by the preceptor students, however by routinely joining the preceptorship training program, misperceptions of nursing tasks between students and preceptors can be tackled (Kang et al., 2016).

The research by Muir et al. (2013) stated that preceptorship affects positively to students in building confidence and reducing stress or anxiety regarding given tasks because the positive support by the preceptor. This research also expressed the preceptorship training impact to the development of the preceptor himself if he takes guiding as an additional burden in clinical service, instead of giving positive effects to their career. While the research of Kang et al. (2016) says that clinical nurses who joined the preceptorship training still experience high stress level related to the increase of responsibility, challenges in facing private and other problems with colleagues, and also handling unskilled students which causes medium stress at the first 3-9 months of playing the role as a preceptor, hence continuous acts are required to reduce the stress level in the future through a developed preceptorship concept.

The research by Abooshaita & Qasim (2018) shows that positive feedback in the form of support must be given to students taking the clinical practice, and this can be done by a trained preceptor. The effects of positive support are to ease socialization and promotion of work involvement from students and improve clinical competence. The change of roles from theories to practices could be a thrilling experience and might cause frustration so that positive support is needed from the preceptor. The research of Jeggels et al. (2013) revealed the importance of the preceptorship training result is that when the preceptor can participate in introducing the students to the clinical environment, actively facilitate clinical learning, apply the clinical skill assessment, and provide positive support to the practice students.

4. Bridge the gap of theory and practice

A research by Al-Hussami et al. (2011) showed another different thing; preceptorship training results in good clinical knowledge and high standard through the evaluation of positive students’ result. Preceptorship program is an effective method in bridging the gap occurring between theory and practice. Nurses who become a trained preceptor involved to act as the role model and leader for nursing students. Preceptorship training program has to ensure the preceptor in achieving open approach with the students including communication and work collaboration so that students can develop their theoretical knowledge into the form of clinical practices with respect.

Based upon the articles, it is shown that preceptorship training does influence the guidance quality towards the clinical practice students. It is more positive and higher compared to the clinical guidance without earlier preceptorship program. Conceptually, preceptorship is a teaching-learning process of professional skills and knowledge in improving nursing students development (Happell, 2009). In accordance with the other researches, Jeggels et al. (2013) mentions the things included in the preceptorship training i.e. adult learning, teaching-learning skill in clinical context, desire to support and motivate others to learn, and ability to show positive attitude such as knowledge, skills, and positive attitude to students. The result of preceptorship training includes following factors; applying clinical learning principles and education assessment in adult context, showing understanding of the role of a preceptor in clinical teaching and learning.
effectively managing the guidance process through simulation arrangement, applying knowledge, skill, and relevant behaviors of clinical learning process, starting, supervising, and evaluating clinical practice activities, and improving students’ motivation in maintaining learning needs in the scope of practice through creative approaches.

5. Conclusions and suggestions
This literature review shows 4 parts of preceptorship training results and influences the guidance quality to clinical practice students by improving knowledge, clinical skills, and self-confidence in a nursing process, building communication skill, providing positive support to students, and bridging the gap of theory and practice. Preceptorship program becomes an effective tool to develop professional clinical practice and be the clinical nurses’ principle in updating the development of practice learnings today. A preceptorship training model development is needed in line with the required learning style so that it can influence the competence of clinical advisors to produce professional guided students. The implication for the authorities both hospitals and education institution is to facilitate the implementation and development of preceptorship training in clinical education process. This preceptorship training program shall succeed in the application if developed collaboratively by hospitals, education institution, and nursing training institutions.

5. References