Debriefing evaluation in nursing clinical simulation:
a cross-sectional study

ABSTRACT
Objective: Evaluate the contribution of debriefing after clinical simulations for nursing students. Method: Quantitative study, conducted with 35 nursing students who participated in five clinical simulation scenarios with planned debriefings based on the model of the National League Nursing/Jeffries Simulation Theory. After the fifth scenario, students answered the Debriefing Evaluation Scale associated with the Simulation. Results: The items evaluated involved the psychosocial, cognitive, and affective values, and within a scale from one to five, the highest mean was found in cognitive value with 4.23 (+0.56) points, then in psychosocial value with 3.77 (+0.53), and finally in affective value with 3.71 (+0.63) points. Conclusion: The debriefing conducted after the clinical simulation scenarios was a reflective exercise that contributed to the student integrating multiple knowledges in affective, cognitive and psychosocial values, and thus develop the competencies required.

Descriptors: Simulation; Thinking; Clinical Competence; Learning; Nursing Students.

RESUMO
Objetivo: Avaliar a contribuição do debriefing após as simulações clínicas para estudantes de enfermagem. Método: Estudo quantitativo, realizado com 35 estudantes de enfermagem que participaram de cinco cenários de simulação clínica com debriefings planejados a partir do modelo da National League Nursing/Jeffries Simulation Theory. Após o quinto cenário, os estudantes responderam à Escala de Avaliação do Debriefing associada à Simulação. Resultados: Os itens avaliados envolveram os valores psicossocial, cognitivo e afetivo, sendo que dentro de uma escala de um a cinco, a maior média foi no valor cognitivo com 4,23 (+0,56) pontos, em seguida no psicossocial com 3,77 (+0,53) e por último no valor afetivo com 3,71 (+0,63) pontos. Conclusão: O debriefing conduzido após os cenários de simulação clínica foi um exercício reflexivo que contribuiu para o estudante integrar saberes múltiplos nos valores afetivo, cognitivo e psicossocial, e assim desenvolver as competências requeridas.

Descritores: Simulação; Pensamento; Competência Clínica; Aprendizagem; Estudantes de Enfermagem.

RESUMEN
Objetivo: Evaluar la contribución del debriefing después de las simulaciones clínicas para los estudiantes de enfermería. Método: Estudio cuantitativo, realizado con 35 estudiantes de enfermería que participaron de cinco escenarios de simulación clínica con debriefings planeados a partir del modelo de National League Nursing/Jeffries Simulation Theory. Después del quinto escenario, los estudiantes respondieron a la Escala de Evaluación del Debriefing relacionada a la simulación. Resultados: Los elementos evaluados incluyeron los valores psicosociales, cognitivos y afectivos, siendo que en la escala de 1 a 5 se obtuvo la mayor media en el valor cognitivo con 4,23 (+0,56) puntos, luego el psicosocial con 3,77 (+0,53) y, por último, en el valor afectivo con 3,71 (+0,63) puntos. Conclusión: El debriefing evaluado después de los escenarios de simulación clínica fue un ejercicio que contribuyó al estudiante a integrar conocimientos múltiples en los valores afectivo, cognitivo y psicosocial, y así desarrollar las competencias requeridas.

Descríptores: Simulación; Pensamiento; Competencia Clínica; Aprendizaje; Estudiantes de Enfermería.
INTRODUCTION

Clinical simulation is a teaching and learning strategy that enables students to experience simple or complex situations in safe environments prior to actual practice. This must be guided by theoretical models that direct the facilitator to plan, implement and evaluate the activities.

In Nursing, the most widely used model is the National League Nursing/Jefferies Simulation Theory, which advocates the conduct of simulation based on the following characteristics: objectives, fidelity, problem solving, support to student, and debriefing(1-2).

All characteristics of the simulation design are important; however, the debriefing is considered to be the central component of this strategy(3). It should be conducted based on the learning objectives established before execution of the simulated scenario, in order to encourage critical, creative and reflective thinking of students(4).

During the debriefing students are encouraged/invited to express their thoughts, feelings, talk about doubts, uncertainties and limitations in their capacity to take action, self-evaluate their actions, decisions, communication and attitudes, and thus learn with their own experiences and with those of their peers(5).

It is recommended that the debriefing is conducted in a structured manner and contributes to the student's learning(6). Thus, it can be conducted “without judgment”, “with judgment”, or with “good judgement”. In the first, mistakes made by students are not scored and the good points made are praised. In the second, the facilitator directly exposes the mistake and asks “why” the procedure or action was performed in this way, and not in the way that he considers the ideal. In the debriefing with “good judgment”; the facilitator verbalizes the activity observed while inviting students to express themselves actively, thus valuing the students’ point of view and processing together the mistakes made as a learning opportunity; therefore, there is critical and constructive judgment that favors reflective thinking(6).

A thorough debriefing, without intimidation or without adopting an extremely passive posture, promotes reflection, encourages students to analyze their practice and think on how to hone their skills for nursing practice(7). Reflection is an essential element in the development of professional competencies and implies assimilating knowledge, skills and attitudes with pre-existing knowledge(7).

The development of the debriefing should be based on reflection, through creativity, active involvement, conscious self-evaluation and effective guidance of an experienced facilitator(7). This as irrefutable consequence of that success of debriefing lies in the facilitator’s sensitivity and capacity to understand and guide the discussion for reflective thinking so that students spontaneously recognize and verbalize their failures and with that reach the result expected by both protagonists of the process, which is learning and behavior change(7-8).

In view of the importance of debriefing after a clinical simulation scenario and considering that this teaching-learning strategy is expanding, studies that evaluate the contribution of debriefing to nursing student training may assist educators to refine this practice.

OBJECTIVE

Evaluate the contribution of debriefing after clinical simulations for nursing students.

METHODOLOGY

Ethical aspects

The research was approved by the Research Ethics Committee. All ethical precepts contained in Resolution 466/2012 of the National Health Council have been complied with. And the use of the scale was authorized by the authors responsible for the construction and validation.

Study design, location, and period

Quantitative study, with transversal approach, developed in the high fidelity clinical simulation laboratory of a public university in southern Brazil, in the period from August 2015 to June 2016.

Study population

The study had participation of 35 nursing students enrolled in the Adult and Elderly Health discipline during the data collection period. Inclusion criteria: undergraduate students in Nursing from a public University in southern Brazil, enrolled in sixth period, during the second half of 2015 (n = 20) and first half of 2016 (n = 15). Exclusion criteria: students having degree in health with competence for physical examination, for considering that this prior knowledge could favor the performance of participants in the simulation scenarios. This was self-reported and evaluated with questions at the time of the invitation to participate in the research.

Study protocol

Students participated in five clinical simulation scenarios, which were planned and developed by the researchers, tested and validated by students from the same period of graduation, in semester prior to the beginning of data collection, and were part of a compulsory discipline of undergraduate nursing program. The themes included stroke, congestive heart failure, arrhythmias, basic life support and advanced life support. The contents were based on the Advanced Cardiology Life Support (ACLS)9-10 based on which we selected and prepared the set of knowledge, skills and attitudes to be acquired. The objectives of each scenario are presented in Chart 1.

The scenarios were planned, implemented and evaluated based on the simulation model of the National League Nursing/Jefferies Simulation Theory1-2 and conducted in the high fidelity adult patient simulator, CIVIAM® METiman model. In each encounter, there was randomization of the teams, through the distribution of envelopes containing numbers which allowed for the division of participants into teams of five members. All students participated in the proposed simulations. The scenarios were conducted by the main author and by members of the research team, which received training prior to the development of each scenario.
The simulations occurred in three phases: the briefing, averaging seven minutes, at which point the characteristics of the simulator were reviewed and we presented the goals of the scenario; the experience of the simulation (10 minutes), and the debriefing, conducted with good judgment, which lasted on average 15 minutes, according to the needs of each team, and was conducted in all scenarios by the lead researcher, who had experience and training for debriefing in simulation.

The data were collected after the end of the fifth simulation meeting. For evaluation of the five times, students answered the Debriefing Evaluation Scale associated with the Simulation, which was constructed and validated for Portuguese\(^{11}\). Its reliability was measured, showing the Cronbach's alpha coefficient of 0.899.

The scale contains 34 self-filling, five-point, Likert-type items: disagree completely (1); disagree (2); neither agree nor disagree (3); agree (4), and agree completely (5). Concerning the analysis, items can be evaluated individually or in three dimensions, including “psychosocial value”, which refers to psychological and social aspects inherent in the simulation; “cognitive value” attributes the consolidation of knowledge through discussion during the debriefing; and “affective value”, which relates to feelings or affections.

### Analysis of results and statistics

The data were tabulated in Microsoft Excel\(^*\) spreadsheet and analyzed descriptively, by absolute and relative frequency, using Statistical Package for the Social Sciences (SPSS\(^*\)) version 22.0, and presented in tables.

### RESULTS

Of the total of 35 participants, 29 (90.6%) were female, 16 (45.7%) were aged 22–24 years, 34 (97.1%) did not have another degree, 26 (74.2%) had not attended nursing assistant or nursing technician courses, and 34 (97.1%) were currently attending the Nursing degree adult and elderly Health discipline for the first time.

As for the Debriefing Evaluation Scale associated with the Simulation, the overall average of agreement was 3.9 points, being higher for cognitive value (Table 1).

<table>
<thead>
<tr>
<th>DIMENSIONS</th>
<th>MIN(^*)</th>
<th>MAX(†)</th>
<th>M±</th>
<th>SD(§)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Factor 1 – Psychosocial value</td>
<td>2,2</td>
<td>5,0</td>
<td>3,77</td>
<td>,56</td>
</tr>
<tr>
<td>Factor 2 – Cognitive value</td>
<td>2,6</td>
<td>5,0</td>
<td>4,23</td>
<td>,53</td>
</tr>
<tr>
<td>Factor 3 – Affective value</td>
<td>2,5</td>
<td>5,0</td>
<td>3,71</td>
<td>,63</td>
</tr>
</tbody>
</table>

\(^*\) Minimum; \(†\) Maximum; \(±\) Mean; \(§\) Standard Deviation

Considering the items of the scale, for the psychosocial dimension, it was found that the students showed agreement of 85.7% in items 17, 23 and 26; in item 19 with 88.5%; in item 27 with 88.6% and in item 30, 82.8%. For the cognitive dimension items 3, 6 and 7 showed agreement of 97.1% and items 12 and 13, 91.4%. In the affective dimension items 18 and 20, whose positive answers are 1 – “completely disagree” and 2 – “disagree”, were those that obtained the highest frequencies, representing 85.7% and 82.8% of disagreement, respectively (Chart 2).

In relation to the overall reliability of the Debriefing Evaluation Scale associated with the Simulation, the Cronbach’s alpha value, in this research, was 0.857. In analyzing the Alpha for each dimension, we obtained the value of 0.887 for psychosocial value, 0.923 for cognitive value, and 0.898 for affective value.
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**DISCUSSION**

The Debriefing Evaluation Scale associated with the Simulation applied to nursing students of a University in the South of Brazil, after participating in five simulation scenarios with high fidelity and complexity, obtained Cronbach’s alpha results of 0.857, which shows good internal consistency, similar to the research that validated the scale(11).

The results found for the three dimensions – psychosocial, cognitive, and affective dimensions – are related with the competencies, general skills, and specific skills recommended in the National Curriculum Guidelines for Graduate Programs in Nursing (DCNE)(12).

Analysis of the psychosocial dimension pointed to a high agreement of students with items 17 – develop leadership competencies, 19 – increase the potential for teamwork, 23 – develop the care relationship, 26 – trace difficulties in my performance, and 27 – promote self-awareness (know one’s own emotions). The high percentage of agreement of item 17 corroborates the DCNE guidelines that emphasize that health professionals should be able to assume leadership, which "involves commitment, responsibility, empathy, ability for decision-making, efficient and effective management"(12). This result may be related with one of the non-technical objectives proposed for the simulation, namely: designate leadership, showing that both the experience of simulation and debriefing contributed to the acquisition of this skill.

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**Chart 2** – Distribution of items of the Debriefing Evaluation Scale associated with the Simulation according to the dimensions. Curitiba, PR, Brazil, 2017

<table>
<thead>
<tr>
<th>Dimension</th>
<th>ITEMS</th>
<th>Completely disagree</th>
<th>Disagree</th>
<th>Indifferent</th>
<th>Agree</th>
<th>Completely agree</th>
</tr>
</thead>
<tbody>
<tr>
<td>N</td>
<td>%</td>
<td>N</td>
<td>%</td>
<td>N</td>
<td>%</td>
<td>N</td>
</tr>
<tr>
<td><strong>Psychosocial Value</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>16 Increase my self-confidence</td>
<td>12</td>
<td>34.3</td>
<td>14</td>
<td>40</td>
<td>9</td>
<td>25.7</td>
</tr>
<tr>
<td>17 Develop leadership competencies</td>
<td>1</td>
<td>2.9</td>
<td>4</td>
<td>11.4</td>
<td>21</td>
<td>60</td>
</tr>
<tr>
<td>19 Increase the potential for teamwork</td>
<td>1</td>
<td>2.9</td>
<td>3</td>
<td>8.6</td>
<td>18</td>
<td>51.4</td>
</tr>
<tr>
<td>21 Feel accomplished</td>
<td>1</td>
<td>2.9</td>
<td>3</td>
<td>8.6</td>
<td>23</td>
<td>65.7</td>
</tr>
<tr>
<td>22 Reinforce my initiative in future situations</td>
<td>1</td>
<td>2.9</td>
<td>6</td>
<td>17.1</td>
<td>17</td>
<td>48.6</td>
</tr>
<tr>
<td>23 Develop the care relationship</td>
<td>2</td>
<td>5.7</td>
<td>3</td>
<td>8.6</td>
<td>18</td>
<td>51.4</td>
</tr>
<tr>
<td>25 Reinforce my autonomy to act as a future nurse</td>
<td>7</td>
<td>20</td>
<td>17</td>
<td>48.6</td>
<td>11</td>
<td>31.4</td>
</tr>
<tr>
<td>26 Trace difficulties in my performance</td>
<td>1</td>
<td>2.9</td>
<td>4</td>
<td>11.4</td>
<td>21</td>
<td>60</td>
</tr>
<tr>
<td>27 Promote self-awareness (know one’s own emotions)</td>
<td>4</td>
<td>11.4</td>
<td>18</td>
<td>51.4</td>
<td>13</td>
<td>37.2</td>
</tr>
<tr>
<td>28 Feel in the center of the educational process</td>
<td>7</td>
<td>20</td>
<td>17</td>
<td>48.6</td>
<td>11</td>
<td>31.4</td>
</tr>
<tr>
<td>30 Improve my ability to manage emotions</td>
<td>1</td>
<td>2.9</td>
<td>5</td>
<td>14.3</td>
<td>21</td>
<td>60</td>
</tr>
<tr>
<td>32 Feel proud for being able to execute many interventions correctly</td>
<td>2</td>
<td>5.7</td>
<td>8</td>
<td>22.9</td>
<td>22</td>
<td>62.8</td>
</tr>
<tr>
<td>33 Feel that the professor has genuine interest in my professional development</td>
<td>1</td>
<td>2.9</td>
<td>2</td>
<td>5.7</td>
<td>8</td>
<td>22.9</td>
</tr>
</tbody>
</table>

| Cognitive value | | | | | | | | | | |
| 1 Structure my thought | 1 | 2.9 | 5 | 14.3 | 17 | 48.6 | 12 | 34.2 |
| 3 Learn more | 1 | 2.9 | 21 | 60 | 13 | 37.1 |
| 4 Focus on the important aspects of performance | 5 | 14.3 | 18 | 51.4 | 12 | 34.3 |
| 6 Reflect on my competencies | 1 | 2.9 | 24 | 68.5 | 10 | 28.6 |
| 7 Determine priorities in the practice | 1 | 2.9 | 17 | 48.6 | 17 | 48.5 |
| 8 Better determine the resources to use in the practice | 1 | 2.9 | 4 | 11.4 | 19 | 53 | 11 | 33.1 |
| 10 Deepen specific knowledge related to the practice | 1 | 2.9 | 4 | 11.4 | 17 | 48.6 | 13 | 37.1 |
| 12 Trace aspects that I should improve in future practice | 1 | 2.9 | 2 | 5.7 | 19 | 54.3 | 13 | 37.1 |
| 13 Develop skills for making good decisions | 1 | 2.9 | 2 | 5.7 | 21 | 60 | 11 | 31.4 |

| Affective value | | | | | | | | | | |
| 2 Feel ashamed in front of colleagues for my mistakes | 10 | 28.5 | 11 | 31.4 | 8 | 22.9 | 5 | 14.3 | 1 | 2.9 |
| 5 Make me very anxious/stressed out | 4 | 11 | 12 | 34.3 | 9 | 25.7 | 7 | 20.4 | 3 | 8.6 |
| 9 Feel humiliated in front of others | 12 | 34.3 | 14 | 40 | 8 | 22.8 | 1 | 2.9 |
| 11 Be in panic at the thought of having to act again in a similar situation | 10 | 28.6 | 13 | 37.1 | 9 | 25.7 | 2 | 5.7 | 1 | 2.9 |
| 14 Create conflicts in the group | 8 | 22.8 | 19 | 54.3 | 1 | 2.9 | 3 | 8.6 | 4 | 11.4 |
| 15 Not want to participate in any simulation | 8 | 22.8 | 15 | 42.9 | 9 | 25.7 | 2 | 5.7 | 1 | 2.9 |
| 18 Feel misunderstood | 9 | 25.7 | 21 | 60 | 4 | 11.4 | 1 | 2.9 |
| 20 Feel disrespected | 15 | 42.8 | 13 | 40 | 5 | 14.3 | 1 | 2.9 |
| 24 I feel it was a waste of time | 11 | 31.5 | 16 | 45.7 | 6 | 17.1 | 2 | 5.7 |
| 29 Be afraid to act in similar situations in the future | 10 | 28.6 | 16 | 45.7 | 5 | 14.3 | 2 | 5.7 | 1 | 2.9 |
| 31 Block my reasoning | 10 | 28.6 | 16 | 45.7 | 7 | 20 | 2 | 5.7 |
| 34 Scramble my ideas about the practice | 13 | 37.1 | 10 | 28.6 | 9 | 25.7 | 2 | 5.7 | 1 | 2.9 |
Items 19 and 23 comply with the competencies and skills proposed by the DCNE guidelines, which address the undergraduate curriculum, which should be able to train for the competencies of nursing and multidisciplinary teamwork, interpersonal and dynamic relationships in group. In this research, students had the opportunity to experience in practice the teamwork, the distribution of the workload with predefined functions, as well as the planning, resource mobilization, communication and intervention, a fact that may have contributed to the acquisition of the skills outlined in items 19 and 23.

The simulation experience with the debriefing can provide the acquisition of the teamwork competence that involves the integration of distinct kinds of knowledge. Team work comprises the kinds of knowledge: act cooperatively, communicate, self-evaluate, reflect, engage, negotiate and act together to solve problems, multiply knowledge and build relational bridges, for example. Professionals that can work in a team are open to a culture of cooperation and acknowledge that the leadership helps to establish priorities and that it can contribute to collective decision-making. These conceptions comply with the "learn to coexist" and "learn to live together" concepts also recommended in the DCNE guidelines.

Items 26 – trace difficulties in my practice – and 27 – promote self-awareness (know one’s own limitations) are associated with the non-technical objectives proposed in the fifth scenario, in which students are expected to recognize their own limitations during the simulation experience.

In the cognitive dimension, items 3 – learn more, 6 – reflect on my competencies, 7 – determine priorities in the practice, 12 – trace aspects that I should improve in future practice, and 13 – develop competencies for correct decision making – were highlighted.

Items 3, 6, and 12 are consistent with the DCNE guidelines by mentioning that the structure of the undergraduate program must ensure critical, reflective and creative education, that encourages students to learn how to learn and to learn how to do, in addition to the competence of “know how to learn and learn how to learn”. In these, individuals who know how to “take lessons from experience” take advantage of their practice as an opportunity to obtain knowledge, they do not settle for doing and acting, but are in pursuit of theories and foundation that validate their action.

It is believed that the percentage of agreement in these items (3, 6, and 12) is related to the opportunity that students had to participate both in the simulation experience, by immersion in clinical care, and in the debriefing, conducted with good judgment and guided by a facilitator, after each simulation scenario, due to fostering reflective thinking and self-monitoring through active involvement.

Corroborating a case study with undergraduate nursing students of a university in the countryside of the state of São Paulo, it was found that students can conduct a critical review of learning and the debriefing was considered a time to express the feelings experienced and an opportunity to reflect on the results of their own actions and to determine the attitudes that impair performance during the simulation.

In another study conducted in Portugal with 82 nursing students, these reported that they managed to develop, during the simulation and in the debriefing based on reflection on the nursing practice, professional competencies necessary for the nursing professional practice.

The simulation experience with the debriefing is associated with the students’ opportunity to develop critical thinking, creativity, reasoning, clinical judgment, and decision-making, with these elements being desired so the nurse can become an expert. Item 13 is related to one of the general competencies and skills of the DCNE guidelines, which recommend that the professional should be able to make decisions, to assess, systematize and decide the conducts based on scientific evidence, with the “power to act with effectiveness in a situation”, and also “knowing how to act pertinently”. The capacity to make decisions is consistent with one of the objectives of the scenarios and it can be inferred that it was gradually honed by students during their active participation both in the scenarios as in the debriefing.

The “knowing how to act pertinently” is observed in professionals who have initiative and take relevant decisions, assuming responsibilities and innovating; these are the ones who make choices, take risks and respond to contingencies, anticipating and predicting the consequences; know how to interpret, understand and how to act before deteriorated situations, and so are able to solve problems. This competence enables the mobilization of knowledge in order to act with relevance to learn how to learn and engage with the context.

In general, several authors report the benefits of debriefing in the development of students. This study confirms these conclusions and materialize their positive impact on the acquisition of skills for decision-making.

The ability of decision-making and prioritization of actions have been considered fundamental characteristics for nursing students, because they involve a complex cognitive process, that is focused on the analysis of a difficult situation so as to determine action. These skills are considered “contextual processes”, continuous and evolving, in which the data are collected, interpreted and evaluated for the choice of actions based on evidence.

Considering that the decision-making process directly influences the results and, consequently, patient safety, the authors suggest that educators use teaching strategies that foster the development of competence and ability for clinical reasoning and problem solving, thus favoring the improvement of decision-making.

In this context, the experience report on the implementation of clinical simulation in a discipline o a University in southern Brazil assessed that the debriefing contributed to teamwork, the tracing of weaknesses, ethical behavior, perception of different ways to approach the same clinical context, knowing how to handle one’s own mistake, that of a coworker and criticism.

In this study, students also had the opportunity to experience these aspects, since in each simulation experience a team member was elected to lead and, during the debriefing, the facilitator was conducted the discussion to the student’s reflection on his or her individual decision making and on the decision making as a team. Authors discuss that debriefing after simulation promotes the development of this decision-making ability.

In the affective dimension, the results showed that students did not consider that they had been disrespected or misunderstood...
regard to the debriefing step, since this involves discussion and
of clinical simulation practice in nursing student training with
the activity in the course of the simulation.

five simulations, not allowing for monitoring of the evolution of
participants and to the debriefing evaluation only at the end of
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critical and reflective nurse(12).

and ensure that the profile of the graduating student leads to a
gram should ensure critical, reflective and creative education,
DCNE guidelines, as they indicate that the structure of the pro-
competence is consistent with the recommendations of the
competence, which was developed during the debriefing. This
tation enabled the facilitators to know, from the perspective of
students, its importance to the teaching-learning process, which

It is observed that were numerous perceived gains for stu-
dent training, including the acquisition of the reflective thought
competence, which was developed during the debriefing. This
competence is consistent with the recommendations of the
DCNE guidelines, as they indicate that the structure of the pro-
gram should ensure critical, reflective and creative education,
and ensure that the profile of the graduating student leads to a
critical and reflective nurse(12).

The debriefing phase after the clinical simulation promotes a
reflective learning process with the opportunity to develop mul-
tiple skills(12). In this study, these skills are represented in cognitive,
affective and psychosocial values.

Study limitations

The main limitation of this research refers to the number of
participants and to the debriefing evaluation only at the end of
five simulations, not allowing for monitoring of the evolution of
the activity in the course of the simulation.

Contributions to the nursing field

It is believed that this manuscript contributes to the planning
of clinical simulation practice in nursing student training with
regard to the debriefing step, since this involves discussion and
reflection oriented by the objectives of the scenarios and these
are consistent with the competencies and skills established by
the DCNE guidelines.

CONCLUSION

Debriefing is a simulation experience in which there is analysis
or reflection guided by a facilitator, that fosters self-assessment,
reflective and significant learning, reflection on the experience,
discussion on the objectives of the learning, reinforcement of
good practices, learning about the mistakes, the strengthening
of decision-making and teamwork.

Therefore, it should be a time of discovery, shared learning
between students and the facilitator. It should go beyond assess-
ment, in order to ensure assurance, confidence and encourage-
ment throughout the learning process.

The debriefing conducted with good judgment, after the clinical
simulation scenarios, was a reflective exercise that contributed
to the student integrating multiple knowledges in affective,
cognitive and psychosocial values, and thus developing the
competencies required.

The debriefing after the clinical simulations contributed to
the development of competencies/skills with regard to the three
dimensions, and items related to leadership, care relationship and
difficulties in practice, of the psychosocial dimension, as well as
learn more, reflect on competencies, and determine priorities, of
the cognitive dimension, showed the highest rates of agreement.
Concerning the affective dimension, items that addressed aspects
related to feeling misunderstood and disrespected obtained the
highest disagreement.

The Debriefing Evaluation Scale associated with the Simula-
tion enabled the facilitators to know, from the perspective of
students, its importance to the teaching-learning process, which
reinforces the need to always evaluate it and conduct it according
to a model that provides its foundation.

FOMENTO / AGRADECIMENTO

Coordenação de Aperfeiçoamento de Pessoal de Nível Su-
perior (CAPES).

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