An investigation into the effectiveness of Robert Enright Forgiveness Inventory (EFI) on the marital quality of women affected by infidelity.

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Abstract

Background: Infidelity is an interpersonal traumatic incident that can have cognitive, emotional and behavioral consequences for the victim. This study aimed to explain the effectiveness of Robert Enright Forgiveness Inventory (EFI) on the marital quality of women affected by infidelity in Ahvaz.

Methods: In this research, a single-case experimental design was used. The population included all women affected by infidelity referring to Ahvaz counseling centers in 2016. The study sample which included 4 women referring to Ahvaz Avaye Daroon Center was selected using available sampling method. The participants responded to the Marital Quality Questionnaire during the treatment and follow-up phases. The data were analyzed using visual analysis, clinical significance (Reliable Change Index and Normative Comparison), and the recovery percentage formula.

Findings: The results indicated that the marital quality increased in women in the treatment (40.37) and (44.88) follow-up phases. According to the normative comparisons, t was bigger than the table with the degree of freedom of 32; therefore, it can be argued that there was no clinical difference between the normal and abused groups in terms of marital quality.

Conclusion: Robert Enright Forgiveness Inventory (EFI) aims to change beliefs, advocate positive thinking, increase the sense of tranquility, reduce the sense of revenge and teach communication skills. These measures can help increase the marital quality of women affected by infidelity.

Keywords: Infidelity, Robert Enright forgiveness therapy, Marital quality.

Introduction

Marriage is the most important contract in every person’s life. People get married for various reasons. In addition to sexual needs, which are prerequisite factors such as love, emotional and financial security, relaxation, and escape from loneliness contribute to marriage [1]. Marriage helps constitute the family. Accordingly, the family essentially provides help, relief, and relaxation. The family is supposed to reduce the pressure on members and help them grow and flourish. If the family provides a healthy and constructive environment for the members and satisfies their physical and mental needs, they may less likely to need the medical institutions [2,3]. Infidelity is one of the factors that endangers the health of the family. It is one of the main causes of divorce and disintegration of the family [4]. Infidelity is a shocking issue for couples and families, and a common phenomenon for family therapists [5,6]. Infidelity is a violation of a couple’s assumed or stated contract regarding emotional or sexual exclusivity [7]. The institution of marriage is integral to the existence of the family. We believe that marriage is a social as well as personal good, contributing to the health and happiness of both spouses and their children. Scientific evidence from a variety of fields as well as human experience have shown that any deviation from this norm is harmful, even if sometimes unpreventable as in the case of death. It is still more harmful when this variation challenges the institution of marriage itself, as in the cases of same-sex unions and casual divorce.

According to Gordon [8], infidelity has adverse and unpleasant side effects and causes stress, shock, anger, depression, sadness, loss of self-esteem, and so on. Infidelity can be manifested on a large scale and cause irreparable damages for the couples affected by it. Regarding the cognitive dimensions, infidelity can lead to rumination, depression and negative thoughts. Meanwhile, it may also lead to anger, annoyance, low self-esteem and low self-confidence. It may also have behavioral consequences such as aggression, retaliation or physical aggression [9]. The adverse complications mentioned above can affect the quality of life of couples. The World Health Organization (WHO) defines the quality of life as the personal perceptions of individuals about their place in life, given the cultural values that individuals live with and follow their goals, expectations and standards of living [10]. One of the essential components of quality of life is the concept of marital quality. Marital quality can be considered as a psychological state, which is not created spontaneously. The couples need to work together in order to enhance this quality. Particularly in the early years, marital quality is extremely unstable, being exposed to the highest risk. Accordingly, the
divorce rate suggests that the quality of life of couples is not easily predictable [10]. Research indicates that poor marital quality is one of the predictors of infidelity [11]. In some studies, marital commitment has been considered as one of the indicators of marital quality [12].

Accordingly, marital quality can be regarded as the successful performance of a marriage, which is the result of various factors such as couples' reconciliation and commitment to one another. It is also one of the most important predictors of a stable marriage [13]. The findings suggest that couples affected by infidelity can be helped in several ways [5,14]. Experts argue that infidelity is different from other problems couples face and requires special attention in terms of therapeutic strategies [9]. Given the fact many studies that have been conducted on infidelity [15], therapists state that they have no model for addressing this problem. Given the complex nature of the infidelity and its disastrous effects on couples, effective interventions are needed to help couples. Various theoretical models have been presented to explain and treat couples suffering from infidelity problems, including Emotional Focused Therapy (EFT), Forgiveness Therapy, Cognitive-Behavioural Therapy, Traumatic Model and Ritual Model.

Robert Enright Forgiveness Inventory (EFI) is one of the approaches used to control and treat infidelity reactions [14]. The Enright Forgiveness Inventory (EFI) is an objective measure of the degree to which one person forgives another who has hurt him or her deeply and unfairly. The EFI has sixty items and three subscales of twenty items each that assess the domains of affect, behavior and cognition toward the offending other. The manual presents evidence of the association between high scores on the EFI and low scores on measures of anxiety (STAI) and depression (BDI).

There has been growing research on the forgiveness in the past decade due to the shift in focus from treatment to personal growth. This positive shift has attracted the attention of scientists and the general public, since it focuses on positive emotions such as hope, appreciation, wonder and joy, using a distinctive language [14]. Forgiveness can be a barrier to the negative effects such as stress and negative emotions [16]. Forgiveness expands the cognitive and behavioural framework of individuals and creates new adaptive techniques for them.

 Forgiveness can also be considered as an interpersonal process in relationships. As initial focus of psychological research on the issue of forgiveness, researchers investigated the victims who chose to forgive the abusers of the offense [14].

Forgiveness enables a person to maintain and retrieve relationships in times of conflict. Forgiveness is getting rid of negative emotions, cognitions and behaviors such as hostility, revenge, and verbal aggression in response to injustices [9].

Enright Forgiveness Inventory (EFI) has four phases:

- **Disclosure**
- **Decision-making**
- **Action**
- **Deepening**

In the disclosure phase, issues such as psychological defences, exposing anger, accepting anger, knowledge of the cognitive review, guilt, insights into the people affected and insights about the future are examined. In the decision-making phase, issues such as insight into the old strategies, considering the forgiveness as an option and forgiving the abuser are investigated. The third phase deals with re-framing, empathy and acceptance of pain and suffering. In the deepening phase, issues such as finding the meaning of life, the need to forgive others and general support are investigated [17].

Research suggests the impact of Enright Forgiveness Inventory (EFI) on various issues of life. Decaporale et al. [17] highlighted the impact of this approach on the quality of life of middle-aged Italian women. Moreover, this approach can effectively reduce depression, anxiety and improve the interpersonal relationships of couples [14]. However, few researches have been carried out on the issues of the infidelity. Forgiveness approaches have been the focus of research in the past. Recent studies indicate that forgiveness is a psychological construct and a therapeutic approach to deal with communication problems and conflicts between the married couples. Couples who forgive each other’s mistakes will experience higher satisfaction and commitment. In addition, forgiving our own and other’s mistakes will reduce stress, blame-casting, hostile behavior, and aggression in interpersonal relations. Hence, people will experience more compatibility and healthier relationships. Emphasizing it as a trait for the believers, Islamic literature refers to forgiveness as a therapy as well. Forgiveness therapy is one of the approaches used in the field of controlling and treating the responses to marital infidelity.

**Methods**

In this research, a single-case experimental design was used. The population included all women affected by infidelity referring to Ahvaz counseling centers in 2016. The participants entered the baseline phase and then received the 8 sessions of treatment and follow-up, which lasted two months. The study sample which included 4 women referring to Ahvaz Avaye Daroon Center was selected using available sampling method. The participants responded to the Marital Quality Questionnaire during the treatment and follow-up phases. The inclusion criteria included elementary education, willingness to cooperate for receiving counseling intervention, at least one year of marriage, expressing remorse, requesting forgiveness, and psychological health. In contrast, the exclusion criteria included personality disorders, paranoid states, definitive decision for divorce and infidelity. The data were analysed using visual analysis, clinical significance (Reliable Change Index and Normative Comparison), and the recovery percentage formula.

The treatment protocol briefly included the following sessions:
Session 1
Familiarity with the basic principles of the group, including constructive interaction of members; expressing feelings of security and trust; providing feedback and creating an unbiased atmosphere.

Objective: To facilitate the communication of the members and to create a secure environment.

Session 2
The person affected by infidelity uses defence mechanisms against pain. Therapeutic strategies: Examining psychological defences; facing the anger; accepting anger.

Objective: To reveal the suffering and communicate with it.

Session 3
The person affected by infidelity compares himself with the abuser of the offense, feels injustice and constantly reviews his suffering. Therapeutic Strategies: Awareness of mental efficacy; awareness of cognitive review of the guilt; an insight into the comparison between the person affected by the infidelity and the abuser.

Objective: To reveal the suffering and communicate with it.

Session 4
The person affected by infidelity compares himself with the abuser of the offense, feels injustice and constantly reviews his suffering. Therapeutic Strategies: Thinking about the results of forgiveness; an insight into changing the attitude that actions have consequences.

Objective: To reveal the suffering and communicate with it.

Session 5
Decision-making is the second phase in the treatment process. The person affected by infidelity asks for justice and legal persecution. She feels inequality and disappointment. This worsens her negative emotions.

Therapeutic strategies: an insight into the fact that old strategies do not work well; considering forgiveness as an option; and trying to forgive the person who has committed infidelity.

Objective: Trying to forgive the person who has committed infidelity.

Session 6
The person affected by infidelity is saddened by the fact that she has hostile feelings for the abuser, and she is keen to use forgiveness as an option. But she still thinks that she could be affected by wrong decisions.

Therapeutic strategies: empathy with an abuser.

Objective: Forgiving the abuser.

Session 7
The person affected by infidelity is saddened by the fact that she has hostile feelings for the abuser, and she is keen to use forgiveness as an option. But she still thinks that she could be affected by wrong decisions.

Therapeutic strategies: 

Objective:

Session 8
This the fourth phase in the treatment process. It allows the sufferer to find a new meaning for her and others.

Therapeutic Strategies: Finding meaning for yourself and others; knowing that you have made a mistake in the past and needs help; learned from this mistake and setting new goals in life.

Objective: Forgiving the abuser.

Research Tools

Marriage quality questionnaire

Developed by Enright, in 2012 [18], this scale consists of 14 items. It includes subscales of consensus, satisfaction, showing the marital quality score of the individual. Fairclough in 2010 [19] reported that the reliability of the questionnaire for consensus, satisfaction and cohesion was 0.79, 0.80, and 0.90 respectively. In Iran, this scale was examined by Nasser in 2011 [20] and the coefficients of internal consistency reliability including Cronbach's alpha were examined. Accordingly, the validity coefficients of marital quality and consensus were respectively 0.39, 0.36 and 0.33 respectively. This was significant at the P ≤ 0.0001. In this research, 50 subjects completed the questionnaire and the Cronbach's alpha coefficient was 0.67.

Findings
Enright Forgiveness Inventory (EFI) improves the marital commitment of women affected by male infidelity.

According to Table 1, the mean marital quality in the baseline phases for the first, second, third and fourth participant was 35.5, 29.8, 38.3, 32.85 respectively. Accordingly, the mean treatment for the first, second, third and fourth participant was 49.3, 44.67, 50.33 and 46.33 respectively. The values obtained in the follow-up phase for the first, second, third and fourth participant was 51, 45.5, 52.5 and 48 respectively. The marital quality increased in the treatment phase for the first, second, third and fourth participant up to 38.87, 43.66, 49.9 and 52.68 respectively. Meanwhile, the marital quality increased in the follow-up phase for the first, second, third and fourth participant up to 31.41, 37.07, and 41.03 and 46.12 respectively. The second and the third participant had highest and the least change, respectively. The reliable change index in the treatment phase for the first, second, third and fourth participant was 2.42, 2.6, 2.11 and 2.36 respectively (Z=1.96).
Meanwhile, reliable change index in the follow-up phase for the first, second, third and fourth participant was 2.71, 2.74, 2.48 and 2.65 respectively (Z=1.96) (P <0.05). Therefore, the findings indicated that Enright Forgiveness Inventory (EFI) could improve the marital quality, especially in the second participant.

**Table 1. The effectiveness of Enright Forgiveness Inventory (EFI) on marital quality Forgiveness.**

<table>
<thead>
<tr>
<th>Enright Forgiveness Therapy</th>
<th>1st participant</th>
<th>2nd participants</th>
<th>3rd participants</th>
<th>4th participants</th>
</tr>
</thead>
<tbody>
<tr>
<td>1st baseline</td>
<td>36</td>
<td>31</td>
<td>39</td>
<td>33</td>
</tr>
<tr>
<td>2nd baseline</td>
<td>35</td>
<td>30</td>
<td>38</td>
<td>33</td>
</tr>
<tr>
<td>3rd baseline</td>
<td>35</td>
<td>30</td>
<td>39</td>
<td>32</td>
</tr>
<tr>
<td>4th baseline</td>
<td>36</td>
<td>29</td>
<td>39</td>
<td>32</td>
</tr>
<tr>
<td>5th baseline</td>
<td>29</td>
<td>37</td>
<td>34</td>
<td></td>
</tr>
<tr>
<td>6th baseline</td>
<td></td>
<td>38</td>
<td>33</td>
<td></td>
</tr>
<tr>
<td>7th baseline</td>
<td></td>
<td></td>
<td>33</td>
<td></td>
</tr>
<tr>
<td>Mean baseline phases</td>
<td>35.5</td>
<td>29.8</td>
<td>38.3</td>
<td>32.85</td>
</tr>
</tbody>
</table>

**Treatment**

<table>
<thead>
<tr>
<th></th>
<th>1st participant</th>
<th>2nd participants</th>
<th>3rd participants</th>
<th>4th participants</th>
</tr>
</thead>
<tbody>
<tr>
<td>Session 3</td>
<td>42</td>
<td>38</td>
<td>45</td>
<td>40</td>
</tr>
<tr>
<td>Session 6</td>
<td>49</td>
<td>45</td>
<td>51</td>
<td>46</td>
</tr>
<tr>
<td>Session 8</td>
<td>57</td>
<td>51</td>
<td>55</td>
<td>53</td>
</tr>
<tr>
<td>Mean treatment phases</td>
<td>49.3</td>
<td>44.67</td>
<td>50.33</td>
<td>46.33</td>
</tr>
<tr>
<td>Reliable change index</td>
<td>2.42</td>
<td>2.6</td>
<td>2.11</td>
<td>2.36</td>
</tr>
<tr>
<td>Post-treatment marital quality improvement</td>
<td>38.87%</td>
<td>49.90%</td>
<td>31.41%</td>
<td>41.03%</td>
</tr>
<tr>
<td>Total post-treatment recovery</td>
<td>40.37%</td>
<td></td>
<td></td>
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</table>

**Follow-up**

<table>
<thead>
<tr>
<th></th>
<th>1st follow-up</th>
<th>2nd follow-up</th>
<th>Mean follow-up</th>
<th>Reliable change index</th>
<th>Post-follow-up recovery rate</th>
<th>Total post-follow-up recovery rate</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>51</td>
<td>45</td>
<td>52</td>
<td>52.5</td>
<td>2.71</td>
<td>43.66%</td>
</tr>
<tr>
<td></td>
<td>51</td>
<td>46</td>
<td>53</td>
<td>52.5</td>
<td>2.74</td>
<td>52.67%</td>
</tr>
<tr>
<td>Mean follow-up</td>
<td>51</td>
<td>45.5</td>
<td>52.5</td>
<td></td>
<td>2.48</td>
<td>43.66%</td>
</tr>
<tr>
<td>Reliable change index</td>
<td>2.71</td>
<td>2.74</td>
<td>2.48</td>
<td></td>
<td></td>
<td>43.66%</td>
</tr>
<tr>
<td>Post-follow-up recovery rate</td>
<td>43.66%</td>
<td>52.67%</td>
<td>37.07%</td>
<td></td>
<td></td>
<td>46.12%</td>
</tr>
<tr>
<td>Total post-follow-up recovery rate</td>
<td>44.88%</td>
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</tbody>
</table>

According to Figure 1, the mean scores of the four participants increased in the treatment phase compared to the baseline phase. Given the Enright Forgiveness Therapy, it was anticipated that changes would be positive for all participants in terms of the marital quality.

The normative comparison formula was used to examine the difference between the mean of the normal group and the abused groups.

It should be noted that the mean (standard deviation) of the normal and the abused groups was 50.64 (10.24) and 47.65 (2.61), respectively. The number of participants in the normal and the abused groups was 30 and 4, respectively. Accordingly, the degree of freedom was df = n1 + n2 - 2 = 32.
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**Figure 1.** The scores of the four participants in the baseline, treatment and follow-up phases.
Two (clinically identical) was better than other rows, since it between the abused and normal participants in terms of marital therefore, Enright Forgiveness Inventory (EFI) could increase the marital quality of the participants. As shown in the diagram above, the Enright Forgiveness Inventory (EFI) could increase the marital quality of the participants. In 2006, Harris [21] argued that row number (32) could increase the marital quality of the participants. Haj Alizadeh et al. [23] concluded that forgiveness plays an important role in promoting the happiness and positive thinking of divorced women. Azarhoosh et al. [24] argued that forgiveness therapy can increase hope as an effective intervention. Movahedi et al. [2] concluded that forgiveness therapy reduced marital conflicts and reduces the marital quality. Therefore, it is necessary to find a solution for infidelity. There are many approaches to treating the infidelity, one of which is the Enright Forgiveness Therapy.

The present study investigated the effectiveness of Enright Forgiveness Inventory (EFI) in improving the marital quality of women affected by infidelity. According to the results (Reliable Change Index and Normative Comparison), the Enright Forgiveness Inventory (EFI) could increase the marital quality of women participating. Haj Alizadeh et al. [23] concluded that forgiveness plays an important role in promoting the happiness and positive thinking of divorced women. Azarhoosh et al. [24] argued that forgiveness therapy can increase hope as an effective intervention. Movahedi et al. [2] concluded that forgiveness therapy reduced marital conflicts and increased the quality of life of women.

In 2017, Taherian and Rajaei [25] highlighted the effectiveness of forgiveness therapy on marital satisfaction of the couples. Hamidipour 2010, [26] found that Enright Forgiveness Inventory (EFI) could increase the marital satisfaction of couples. Decaporale et al. [17], highlighted the effectiveness of Enright Forgiveness Inventory (EFI) on the quality of life of women [14]. Khorramabadi [14] investigated the effectiveness of Enright Forgiveness Inventory (EFI) on the satisfaction and quality of couples. They argued that forgiveness serves as a moderator mechanism and improves the marital quality [27-32].

According to Decaporale et al. [17], the woman affected by infidelity initially attempts to escape from the pain and suffering using her own defense mechanisms and tries reviewing that incident over and over again in her mind. Finally, her view of global justice undergoes a significant change. According to Mohammadi et al. [33], women find it
very difficult to forgive their spouse at first since they regard this as reconciliation. They argue that their spouse deserves punishment and should escape it. However, forgiveness is different from reconciliation. Forgiveness is an internal process that helps women forgive their spouse and forget all about punishment. Correcting this misconception can accelerate the process of forgiveness. The individuals are helped to create new insights into the marital conflicts, suffering and discomfort. This change in beliefs and beliefs can change the individuals’ behaviour. According to the cognitive behavioural, cognitive and rational-emotional cognitive therapies, our thoughts and insights can affect our behaviours. In other words, in these approaches, therapists seek to substitute rational thoughts with irrational thoughts [34,35].

According to Decaporale et al. [17], the individual seeks a solution and attempts to deal with the pain and suffering. According to Turkamani et al. [31], forgiveness prevents the suppression of aggression or anger and releases the negative emotions [31]. The person affected by infidelity decides to forgive the spouse. By reducing negative emotions and increasing positive emotions, forgiveness can help the women develop a new perspective. In other words, the person affected by infidelity gradually finds meaning for her suffering and concludes that she is not the only one involved with this issue [17]. At this phase, it can be argued that forgiveness strengthens the marital relationship and commitment [36]. In other words, a change of attitude helps the person rebuild trust and commitment, increasing the marital quality [4]. According to the Enright Forgiveness Therapy, the person affected by infidelity happens to realize the strengths of the abuser. This can result in a positive attitude, facilitating the process of forgiveness. The acceptance helps the person better accept those thoughts, rather than to avoid the problem and fight negative thoughts. By accepting the issues, negative emotions lose their power [32]. In addition to facilitating the process of forgiveness, positive attitudes can increase the marital quality and psychological well-being of the individual [37]. Positive attitudes are one of the predictors of life satisfaction [38].

Conclusion

Enright Forgiveness Inventory (EFI) is capable of changing beliefs, developing positive thinking, increasing sense of tranquility, reducing the sense of revenge, teaching communicative skills and improving the marital quality of women affected by male infidelity.

Conflict of Interests

The authors did not report any conflicts of interests in this research.

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