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Effectiveness of Emotionally-Focused Couples Therapy on Marital Violence, Marital Adjustment, and Sexual Intimacy of Couples Visiting Counseling Centers of Ahvaz

Simin Panabad ¹ , Maryam Gholamzadeh Jofreh ^{1,*} , Parviz Asgari ², Kobra Kazemian Moghaddam ³

- ¹ Department of Counseling, Ahvaz Branch, Islamic Azad University, Ahvaz, Iran
- ²Department of Psychology, Ahvaz Branch, Islamic Azad University, Ahvaz, Iran
- ³Department of Psychology, Dezful Branch, Islamic Azad University, Dezful, Iran
- *Corresponding author: Maryam Gholamzadeh Jofreh, Department of Counseling, Ahvaz Branch, Islamic Azad University, Ahvaz, Iran E-mail: gholamzade.m723@gmail.com

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Abstract

Introduction: The degree of marital intimacy is essential to robust marital relationships in family. The present study aimed to investigate the effectiveness of emotionally-focused couple's therapy (EFCT) on marital violence, marital adjustment, and sexual intimacy of couples visiting counseling centers of Ahvaz. **Methods:** This study adopted a single-case research design with the noncurrent

Methods: This study adopted a single-case research design with the noncurrent multiple baseline approach. The statistical population included all the volunteer couples with marital maladjustment visiting the counseling centers of Ahvaz, Khuzestan Province (Iran) in 2021. Purposive sampling was employed to select two couples (i.e., four individuals). The intervention program was administered to all the participants in two phases (18 intervention sessions) and four stages (baseline, intervention, a 45-day first follow-up, and a 3-month second follow-up). Research questionnaires were employed to analyze the participants before the therapy in sessions 4, 8, 12, 16, and 18 as well as the 45-day and 3-month follow-ups. The Dyadic Adjustment Scale (DAS), Couples' Sexual Intimacy Questionnaire and the Violence Against Women Questionnaire were used to collect data. The visual analysis method, the reliable change index (RCI), and the recovery percentage formula were used for data analysis.

Results: According to the results, the EFCT managed to significantly improve sexual intimacy, mitigate marital violence, and improve poor marital adjustment among participants at the end of the therapy and during the 45-day and 3-month follow-ups. **Conclusions:** This study achieved promising results concerning the applicability of EFCT. Hence, the EFCT can alleviate both marital violence and poor marital adjustment in addition to enhancing sexual intimacy among couples.

INTRODUCTION

Intimacy is the affinity, similarity, and romantic or emotional relationship between one individual and another [1]. It requires the in-depth cognition and perception of spouses as well as expressing the thoughts and feelings representing their similarities [2, 3]. The degree of marital intimacy is essential to robust marital

relationships in the family. Intimacy should be considered the result of a growth process in a relationship. This process starts before marriage and continues afterward [4, 5]. The definitions of intimacy have mostly included attachment, the satisfaction of needs, and emotional attachment. Intimacy is defined as

Panabad S., et al.,

Adv Nurs Midwifery

the ability to establish relationships with others while maintaining subjectivity [6, 7]. According to these self-based definitions, an individual should reach a degree of personal growth to strike congenial relationships with others [8]. Furthermore, intimacy can be considered an ability to achieve self-identification in the presence of others, a process in which self-awareness and identity development are essential for a person's capacity and capability of intimacy by having many effects on the quality of sexual relationships [9, 10].

Discussing the importance of sexual intimacy in couples, Luk and Loke [11] indicated that successful sexual relationship and intimacy would improve marital adjustment in couples, acting as a major predictor of marital satisfaction. Essentially, couples need certain levels of adjustment to have a consistent, happy life [12]. Marital life is not complete unless both spouses comply with their rights and fulfill their ethical and material tasks to help build a happy life that leads to the satisfaction of many marital needs based on coexistence, love, and appreciation [13]. Hence, adjustment means the logical encounter with the current challenges in life, resulting from a favorable marital relationship and communication skills. In other words, adjusting couples face problems differently by experiencing peace, satisfaction, and consistency in their relationships [14]. Family consultants and psychiatrists need to employ novel psychotherapy training approaches to cover the problems in the lives of couples who experience domestic violence. In this regard, an effective approach is emotionally-focused couple's therapy (EFCT). Introduced by Greenberg and Johnson in the early 1980s, the EFCT is a type of short-term couples therapy [15]. Determining the key therapy interventions that would successfully help reconstruct communicationalemotional interactions of couples, this model emerged as a result of empirical observations of the therapeutic processes of couples. The emotionally-focused therapy (EFT) puts a special emphasis on the integration of emotion into motivation and behavior. In the EFT, it is vital to identify and improve emotional schemas [16]. The EFCT consists of three major assignments: creating a secure cooperative union, expanding and obtaining emotional responses that direct interactions of couples, and reconstructing interactions for accessibility and accountability [17]. The EFT is an approach that focuses on both family relationships and individual emotions. According to this therapy model, emotions have inherently adjusting capacities that, if activated, can help couples to modify their unwanted emotional stances and expressions. The EFCT aims to track and reprocess emotional reactions in the interactions of couples. These reactions lead to the development of safer attachment styles, whereas different interaction models of couples result in the growth of empathy between couples and the formulation of new interactive patterns [18]. The EFCT has effectively treated many

problems of couples. Moreover, many studies have proved it useful in solving the problems of couples [19]. Although the attitudes of couples toward marriage are improved, knowledge expansion does not mean enhancing the specialized coping ability. Only a small number of women disclose domestic violence or seek relevant services. This process has the highest prevalence rate for women vulnerable to domestic violence, socially vulnerable women, undereducated women, rural women, and poor women. Accordingly, this study aimed to investigate the effectiveness of EFCT on marital violence, marital adjustment, and sexual intimacy of couples visiting counseling centers in Ahvaz.

METHODS

This study adopted a single-case research approach with a noncurrent multiple baseline design. There were 18 therapy sessions, after which 30-day and 90-day followup steps were implemented. The statistical population included all the couples with marital maladjustment who visited the counseling centers of Ahvaz. A purposive sample was employed to finally select two couples (4 people). At first, an announcement was made to identify the non-adjusting couples and hold the EFCT sessions at counseling centers. After the inclusion and exclusion criteria were explained to the participants, they received Greenberg and Johnson's emotionallyfocused couples therapy [20]. Table 1 presents an overview of the therapy sessions. The inclusion criteria were defined as being aged 20-60 years, giving informed consent and willingness to participate in the study, living a married life with a spouse for at least one year, having no psychological disorders based on DSM-5, having no addiction to psychedelic substances based on personal reports, experiencing domestic violence based on personal reports, and having at least a high school diploma. Furthermore, the exclusion criteria were defined as receiving other simultaneous therapies, being absent for more than three sessions, and undergoing the divorce process. To comply with ethical considerations, the participants are assured that their information will remain confidential. Also, a written consent letter was received from the participants to participate in the research. The present study was approved by the ethics committee of Islamic Azad University, Ahvaz branch (code IR.IAU.AHVAZ.REC.1400.021).

Instruments

Dyadic Adjustment Scale (DAS): Designed by Spanier [21], the Dyadic Adjustment Scale (DAS) consists of 32 items in four dimensions: dyadic satisfaction, dyadic cohesion, dyadic consensus, and affectional expression. The score of this scale ranges from 0 to 151. The scores equal to or above 100 indicate adjustment, whereas the scores below 100 indicate the presence of a problem in marital relationships and the lack of adjustment or

Adv Nurs Midwifery Panabad S. et al.,

agreement in the family. Cronbach's alpha coefficient for subscales dyadic satisfaction, dyadic cohesion, dyadic consensus, and affectional expression of this scale was reported as 0.84, 0.66, 0.80, and 0.84, respectively [22].

 Table 1. A summary of emotionally-focused couple's therapy sessions

| Step / Session | n | Implementation | | | | | |
|---|----------|---|--|--|--|--|--|
| Step 1: Nega participation | | cle De-Escalation (e.g., attack-withdrawal that helps maintain insecure attachment and diminishes secure emotional | | | | | |
| Fi | irst | Pretest, introduction, definition and application of emotion, evaluation of the nature of a problem and a relationship, evaluation of goals and expectations of couples in the therapy | | | | | |
| Se | econd | Analysis of a negative interaction cycle, evaluation of the relationship and attachment between couples and the obstacles to attachment, acquaintance with the EFT principles and the roles of emotions in interactions, reconstruction of interactions and escalation of spousal flexibility, and agreement therapy. | | | | | |
| Т | hird | Acquisition of the unidentified feelings, concentration on emotions, needs and fears of attachment, development of a secure communication space for couples, facilitation of interactions between couples, valuation of experiences, needs, and desires of attachment with a focus on secondary emotions, exploration for underlying and unknown emotions, and discussion over primary emotions and hot cognitions. | | | | | |
| Fe | ourth | New formation of problems based on underlying feelings and attachment needs, emphasis on the ability to express emotions and show attachment behaviors to a spouse, acquaintance of couples with the effects of fear and self-defense mechanisms for cognitive and emotional processes, coordination between therapists and couples, description of the cycle in the context of attachment. | | | | | |
| Step 2: Chan | ging Int | eractive Situations (restructuring the negative interactions and forming new responsiveness cycles and availability to | | | | | |
| | | ridual more involved and active in order to express needs and fears. The follow-up couple can start expressing their | | | | | |
| needs to grov | w empat | hy and contact in a way and meet their needs). | | | | | |
| Fi | ifth | Encouraging to identify the suppressed needs and the denied aspects of personality, drawing the attention of couples to the way of mutual interaction and reflecting their interactive patterns with respect and empathy, expressing attachment needs, identifying the denied needs, and increasing the acceptance of corrective experience. | | | | | |
| Si | ixth | Informing people of the underlying emotions, clarifying each spouse's position in the relationship, emphasizing the acceptance of spousal experiences and new ways of interaction, tracking the identified emotions, highlighting and restating the attachment needs, and indicating their healthy nature. | | | | | |
| Se | eventh | Facilitating the expression of needs and desires and creating emotional involvement, developing primary emotional experiences in attachment and identifying intrinsic needs and belongings, and creating new attachments with a secure bond between spouses. | | | | | |
| Step 3: Consolidation and Integration (Processes of change in the spousal communication model and self-feelings of couples) | | | | | | | |
| Ei | ighth | Creating new interactive situations between spouses and ending the obsolete interactive patterns, clarifying interactive patterns, and reminding couples of attachment needs. | | | | | |
| N | linth | Improving the changes occurring over time, highlighting the differences between current interactions and old interactions; forming a relationship based on a secure bond that is not harmed by discussing problems and seeking solutions would not. | | | | | |
| Т | enth | Discussing the positive and negative points of the experimental scheme; evaluating changes; and conducting the posttest. | | | | | |

Couples' Sexual Intimacy Questionnaire: This 30-item questionnaire was developed by Botlani et al. [23]. Each item is scored on a four-point Likert (always, sometimes, rarely, never), scored from 1 to 4, respectively. The minimum score is 30 and the maximum score is 120. A higher score indicates more sexual intimacy. Botlani et al. [23] reported Cronbach's alpha coefficient of 0.81 for the Persian version of the questionnaire.

Violence Against Women Questionnaire: This 32-item questionnaire was developed by Haj-Yahia [24]. It involves four factors: psychological violence (items 1 to 16), physical violence (items 17 to 27), sexual violence (items 28 to 30), and economic violence (items 31 and 32). The options (never, once, and twice or more) are scored 1, 2, and 3, respectively, and the final score ranges from 32 to 96. Cronbach's alpha coefficient for subscales psychological violence, physical violence, sexual violence, and economic violence of this questionnaire was reported as 0.90, 0.93, 0.79, and 0.78 respectively [25].

Statistical Analyses

The concept of clinical meaningfulness was used in this study. Moreover, data analysis and efficiency evaluation were performed through visual analysis (or graphical chart analysis), diagnostic improvement, and six indices of efficiency. The resultant indices were presented in three steps baseline, intervention, and follow-up.

RESULTS

The Means and standard deviation (SD) age and duration of marriage of participants were 37.52 (6.67) and 7.22 (3.44) respectively. Table 2 demonstrates change trends in the scores of marital violence, marital adjustment, and sexual intimacy at baseline, intervention, and follow-up steps in the EFCT for two groups of men and women. According to the results, the means and scores of marital violence, marital adjustment, and sexual intimacy of couples improved in both therapy and follow-up steps in comparison with the baseline. Furthermore, according to the conservative dyadic scale, the intervention yielded clinically meaningful results because all visual data points were above the prediction line and each participant's change trend.

Panabad S., et al.,

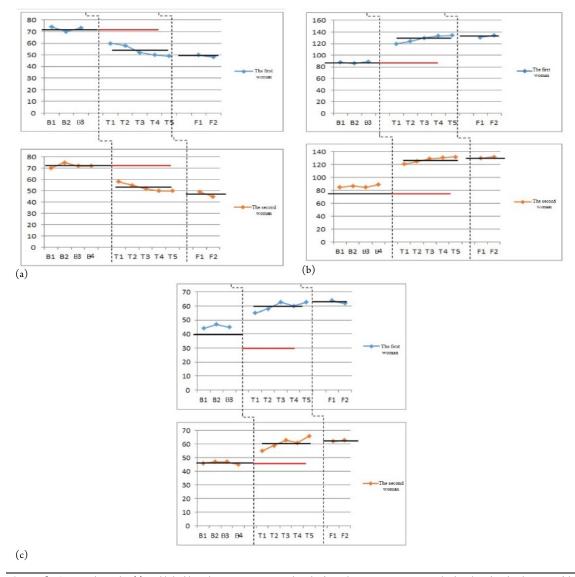
Adv Nurs Midwifery

Figures 1 and 2 indicates the means and scores of the constructs improved in both therapy and follow-up steps as opposed to the baseline. Furthermore, since the reliability change index of participants was clinically meaningful, the EFCT was successfully effective in both

therapy and follow-up steps based on the Blanchard classification. Generally, the results indicated the effectiveness of the EFCT in improving the research variables.

Table 2. The trend of changing the treatment phases on marital violence, mental health, and sexual intimacy

| Variable | Marital violence | | Marital adjustment | | | | Sexual intimacy | | | |
|-----------------------------------|------------------|--------|--------------------|--------|-------|--------|-----------------|--------|-------|--------|
| | The first woman | The | The | The | The | The | The | The | The | The |
| Treatment phases | | second | first | second | first | second | first | second | first | second |
| | | woman | woman | woman | man | man | woman | woman | man | man |
| First baseline | 74 | 70 | 88 | 85 | 89 | 88 | 44 | 46 | 50 | 46 |
| Second baseline | 70 | 75 | 76 | 87 | 82 | 85 | 47 | 47 | 51 | 48 |
| Third baseline | 73 | 72 | 79 | 85 | 81 | 87 | 45 | 47 | 50 | 49 |
| Fourth baseline | - | 72 | - | 89 | - | 87 | - | 45 | - | 49 |
| First session | 60 | 58 | 120 | 121 | 115 | 119 | 55 | 55 | 58 | 57 |
| Second session | 58 | 55 | 124 | 125 | 120 | 122 | 58 | 59 | 63 | 60 |
| Third session | 52 | 52 | 130 | 129 | 124 | 127 | 63 | 63 | 66 | 62 |
| Fourth session | 50 | 50 | 133 | 131 | 128 | 128 | 60 | 61 | 68 | 65 |
| Fifth session | 49 | 50 | 134 | 132 | 130 | 130 | 63 | 66 | 70 | 66 |
| First follow-up | 50 | 48 | 131 | 130 | 126 | 130 | 64 | 62 | 68 | 67 |
| Second follow-up | 49 | 45 | 134 | 132 | 125 | 129 | 62 | 63 | 65 | 64 |
| Reliable change index (treatment) | 17.99 | 18.68 | 84.43 | 85.62 | 23.39 | 26.21 | 19.55 | 19.66 | 14.67 | 14.00 |
| Reliable change index | | | | | | | | | | |
| (follow-up) | 22.65 | 24.51 | 93.39 | 92.70 | 48.13 | 56.54 | 23.87 | 21.95 | 17.17 | 16.50 |



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Adv Nurs Midwifery Panabad S. et al.,

140 80 120 70 100 60 50 80 40 60 30 40 20 20 10 0 0 B1 B2 B3 140 70 60 120 100 50 40 80 30 60 20 40 10 20 0

(b)

B1 B2 B3 B4

Figure 1. The trend of marital violence (a), marital adjustment (b), and sexual intimacy (c) scores in the women at baseline, intervention, and follow-up phases

Figure 2. The trend of marital adjustment (a) and sexual intimacy (b) scores in the men at baseline, intervention, and follow-up phases

DISCUSSION

(a)

B1 B2 B3 B4

This study aimed to investigate the effectiveness of EFCT on marital violence, marital adjustment, and sexual intimacy of couples visiting counseling centers in Ahvaz. According to the results of statistical analysis and the general improvement percentage, the EFCT of women was classified as successful in both therapy and follow-up steps based on the Blanchard classification. In general, the EFCT managed to mitigate marital violence in addition to improving mental health, marital adjustment, and sexual intimacy in both men and women. The results are consistent with the results of previous studies [26, 27].

T1 T2 T3 T4 T5

F1 F2

The EFCT claims that people's emotions and behaviors are rooted in their childhoods and form through close individuals. Therefore, this therapy first tries to indicate that primary emotions emerging in a person's behavior are rooted in the suppressed emotions from childhood. They are the primary emotions that overflow differently as secondary emotions through association with childhood memories. Regarding the effect of the EFCT on the mitigation of marital violence, it can be stated that the process of change in the EFT approaches would emerge through the expression of emotions and underlying needs [15]. The EFT results in a positive interaction cycle that is characterized by increasing emotional availability and accountability. In other words, the deep levels of experience and the interactive and connective responses are the effective factors of the change process. Successful couples indicated higher percentages of connective and spontaneous responses than unsuccessful couples in the EFTs [20].

These findings indicate that the successful couples were characterized by lower levels of domination and higher levels of communication. Moreover, communicative and acceptable behaviors replaced hostile and compulsive behaviors. In addition, a blameful partner in successful couples reached from impersonal discourse and self-disclosure to higher levels of self-disclosure, exploration, and integration. Hence, the EFCT increased marital adjustment by escalating the positive interaction cycle, infusing connective and acceptable behaviors, and replacing hostile and compulsive behaviors with communication [18]. Furthermore, it reduced marital violence by mitigating the domains of destructive behaviors such as criticism, humiliation, defensive attitudes, and marital stonewalls. These results were consistent with the findings of Hossein Abadi and Hazrati et al. [28] who indicated that the EFT strategy decreased violence against women in particular. Regarding the effectiveness of the EFCT in sexual intimacy of couples, it can be stated that the emotionally-focused approach seeks to identify the emotions and change them into understandable messages and constructive behaviors. The inability to interpret emotional situations can cause certain problems in interpersonal relationships. Defined as the ability to identify and express emotions and sympathize with others, emotional skills enhance intimacy, boost the quality of marital relationships, and enhance mental health. The EFT approach can also help couples modify and control their personal relationships with their spouses by increasing emotional awareness, emotional symbolization, and knowing about the roles of experience and changes in processes [29]. This approach seeks to identify emotions and change them into understandable messages and constructive behaviors. For this purpose, emotional skills were defined as the ability to identify and express emotions as well as sympathizing with others. This approach Panabad S., et al.,

Adv Nurs Midwifery

enhances intimacy and infuses a feeling of security. It increases a person's ability to take criticisms (in a positive aspect), something which is essential to the retention of a successful marriage. In therapy sessions, the EFCT helped couples reconstruct their relationships with their spouses by emphasizing spousal support, expressing emotions positively, focusing on self-emotions and identifying them, expressing new experiences in marital life, forming new interactions in the relationship, emphasizing the spousal care, identifying and eliminating negative interaction cycles. In the light of a healthy and effective relationship, it is then possible to enhance marital satisfaction and mental health. Halchok [30] indicated that couples expressed lower levels of emotional dysregulation as well as higher levels of marital adjustment, trust, and support in a more secure attachment style after they received the EFCT.

CONCLUSION

The EFT is based on the assumption that the mental status of couples can be organized through their emotional experiences. In this approach, the main hypothesis states that marital conflicts emerge as long as none of the couples is able to express their attachment needs in terms of satisfaction and security. Hence, it appears that emotional strategies and regulation of needs are correlated with attachment styles. They can also affect sexual negotiation and satisfaction. The EFT is an empirical, systemic, and attachment-based approach. In fact, it is considered an empirical approach with an emphasis on empathy as the main catalyst of experience, acceptance, and modification of emotional and self-disclosure experiences. It is characterized by a systemic approach with an emphasis on interactive, creative, and self-retaining cycles. Finally, it is defined as an attachment system with an emphasis on the availability, accountability, and communicational security. The emphasized elements in these approaches are exactly consistent with the constituents of intimacy (i.e., empathy, emotional openness, self-disclosure, and rich relationship). Since expressing thoughts, feelings, and emotions can be considered a major element of intimacy, it seems natural that steps 5 and 6 of the EFT, which encourage individuals and couples to overflow

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emotions in a new way, can result in intimacy among couples. It is not surprising that the EFT can enhance marital intimacy [31]. In comparison with the other novel methods, this approach has greatly been effective in solving emotionally underlying problems. In this regard, Girard and Woolley [29] indicated that the couples participating in the EFT programs had significantly higher levels of sexual intimacy after the intervention than the couples from the control group. This study faced certain limitations. For instance, it was conducted on a small sample taken from the statistical population, something which can limit generalizability of the results. In addition, this study was conducted only in Ahvaz; thus, the results might not be generalized to other cultures. Hence, it is recommended to conduct a similar study on larger samples and in other cultural settings.

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ETHICAL CONSIDERATION

To comply with ethical considerations, the participants are assured that their information will remain confidential. Also, a written consent letter was received from the participants to participate in the research. The Ethics Review Board of Islamic Azad University, Ahvaz branch, approved the present study with the following number: IR.IAU.AHVAZ.REC.1400.021.

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CONFLICT OF INTEREST

The authors declare that they have no conflict of interests.

AUTHOR CONTRIBUTION

Simin Panabad: Study concept and design, acquisition of data, analysis and interpretation of data, and statistical analysis. Maryam Gholamzadeh Jofreh: Administrative, technical, and material support, study supervision. Parviz Asgari and Kobra Kazemian Moghaddam: Critical revision of the manuscript for important intellectual content.

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