

MARITAL SATISFACTION, DIFFERENTIATION OF SELF AND STRESS PERCEIVED BY WOMEN

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Summary. Differentiation of self refers to the ability to modulate affect, maintain a clear sense of Self, and balance intimacy and autonomy in significant relationships. The author tested whether differentiation mediated the relationship between marital satisfaction and stress perceived by women. The sample consisted of 220 married women. Marital satisfaction was found to be inversely correlated with perceived stress. Greater marital satisfaction also coincided with better differentiation of self (less emotional reactivity, greater I position, less emotional cutoff and fusion with others), while lower level of differentiation was significantly associated with higher feeling of stress. Differentiation of self also mediated the linkage between marital satisfaction and stress perceived by women. The results support searching hypothesis.

Key words: marital satisfaction, stress, differentiation of self

Introduction

Marital studies conducted in the past few decades have given a lot of attention to the problem of stress which plays a significant role in the understanding the quality, stability and experiencing the relationship by the spouses (Neff, Karney, 2004; Randall, Bodenmann, 2009) Researchers have been especially interested in relationships between different types of stress and subjective evaluation of marital quality, most often referred to as *satisfaction* (Braun-Gałkowska, 1985; Bradbury, Fincham, Beach, 2000).

Marital satisfaction is a complex and dynamic process in which the key role is played by assessment of interactions between spouses and emotional climate of their relationship. This assessment may be expressly positive, explicitly negative, or ambivalent, where equally positive and negative evaluations related to one's marriage coexist (Fincham, Linfield, 1997; Kaleta, 2014). Thus, in case of diversified satisfaction, marriage is perceived as the source of various experiences – pleasant, unpleasant or both at the same time. For studies have shown, that satisfied spouses

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display larger range of positive behaviours and emotions, whereas the unsatisfied ones – negative, such as high level of criticism, whining, engaging in serious quarrels and frequent disagreements, but also avoiding confrontations with the spouse and withdrawal from interaction (Gottman, Krokoff, 1989; Bradbury, Fincham, Beach, 2000; Leggett et al., 2012).

Negative marital experiences of this kind may especially be the source of stress for the partners. In accordance with the transactional model of stress and coping, confrontation of one's own capabilities with requirements, resulting from the relationship and the context of its functioning, plays a decisive role in experiencing stress by the spouses (cf. Ogińska-Bulik, Juczyński, 2008). In numerous situations, marital relation may be assessed as exceeding one's personal resources, threatening the well-being and evoking the state of unpleasant emotional tension, which corresponds to the definition of stress adopted in considerations herein (Plopa, Makarowski, 2010). Studies have confirmed the relationship between marital satisfaction and perceived stress and its aspects: emotional tension, intrapsychic stress and external stress (Plopa, 2008; Plopa, Makarowski, 2010; Kaleta 2014).

It is believed that women are especially sensitive to what is going on in their marital interactions and in that sense they serve as "barometers of the relationship functioning" (Fincham, Linfield, 1997, p. 499). This, among other things, results from higher importance women attach to interpersonal relationships, more complex and differentiated conceptions of relationships (Wong, Csikszentmihalyi, 1991), as well as more emotional involvement in relationships with family members when compared to men (Strazdins, Broom, 2004). Women do far more *emotional work in families* than their husbands, which involves integrating emotions of family members, providing support and regulating interpersonal conflicts (Strazdins, 2000). This work, performed also for the benefit of their spouse, is demanding and costly. For this reason, when compared to men, women experience lower marital satisfaction and face more conflicts in the marital dyad, including marital burnout, health effects and psychological distress (Erickson, 1993; Strazdins, Broom, 2004, Plopa, 2005; Vandeleur et al., 2009). Therefore, it appears particularly interesting to get more insight into relationships between women's marital satisfaction and the level of stress they perceive.

Relationships between marital satisfaction and perceived stress are not simple, which has been especially highlighted in studies results of which reveal no or minor relationships between variables. In that case, mediating factors are examined, such as e.g. reactivity (Neff, Karney, 2009), marital attributions (Graham, Conoley, 2006) or previous stress management training (Neff, Broady, 2011), and new ones are continued to be discovered. Differentiation of Self may be one of them, to date not recognized as a mediator between marital satisfaction and perceived stress, despite explicit relationship between both variables.

Differentiation of self

Differentiation of self, the key concept of the family systems theory developed by Murray Bowen (1966), is the degree to which one is able to balance intrapsychic

and interpersonal components of their own Self (Bowen, 1978). On an intrapsychic level, differentiation of self refers to the ability to distinguish thoughts from feelings and to choose between being guided by one's intellect or one's emotions at a given moment (Bowen, 1976, 1978; Goldenberg, Goldenberg, 2006). On an interpersonal level, differentiation refers to the ability to experience intimacy with others but as an autonomous being not responding automatically to emotionality of others.

Theoretically, at least four factors determine the level of differentiation of self: emotional reactivity, I position, emotional cut-off and fusion with others (Kerr, Bowen, 1988; Skowron, Friedlander, 1998). Poorly differentiated individuals tend to be more emotionally reactive, display problems with forming of their own convictions or objective opinion, and in relationships – poor sense of self and inclination to engage in fusion or emotional cut-off (Kerr, Bowen, 1988). In highly differentiated individuals, their intellect functions based on objective assessments (Kolbik, 1999), emotions are consciously experienced, close relationships are established without fear, in the manner allowing them to take an I position in accordance with one's personal beliefs and convictions (Bowen, 1978). One's level of differentiation of self is also reflected in the satisfaction in close relationships, such as a marital relation, and in functioning under stress. Highly differentiated individuals establish more flexible boundaries in marriage (Kaleta, 2011), whereas poorly differentiated individuals respond to tension in the dyad with withdrawal from interaction, keeping distance or seeking excessive intimacy with the spouse or other individuals, which leads to problems in the relationship. In stressful situations, highly differentiated individuals are more resilient to stress and develop fewer dysfunctional symptoms than poorly differentiated individuals (Kerr, Bowen, 1988).

Theoretical grounds allow us therefore to link differentiation of self to both variables, marital satisfaction and stress, and these relationships have already been the focus of empirical analysis. Studies on differentiation of self and marital satisfaction have led to the general conclusion that the higher the level of differentiation, the more satisfied the spouses are with their relationship. Emotional cut-off appears to play a particularly important role (Skowron, Friedlander, 1998; Skowron, 2000; Peleg, 2008; Knerr, Bartle-Haring, 2010), which points to the fundamental importance of emotional availability during creating and maintaining a satisfactory relationship. Moreover, higher differentiation allows for more explicit and satisfying communication of spouses regarding their sexuality, which increases satisfaction with sexual life and their general marital satisfaction (Timm, Keiley, 2011). A link was also revealed between higher differentiation of self, measured as lower emotional reactivity and triangulation in the family of origin with the actual marital functioning, that is with less emotional flooding during quarrels and higher satisfaction in the dyad (Gubbins, Perosa, Bartle-Haring, 2010).

As far as relationships of the differentiation of self and stress are concerned, their analysis was most often performed in the context of environmental or situational stress. Tuason and Friedlander (2000) failed to record any relationships between exposure to stress (according to the list of stressful life events) and the level of differentiation of self. Murdock and Gore (2004) on the other hand, have shown that

differentiation of self is significantly (negatively) linked with perceived stress, related with experiencing various stressful events, and with coping strategies. In subsequent analyses, the authors (Krycak, Murdock, Marszalek, 2012) explained that the measured type of stress – actual stress (stressful events) or perceived stress (experiencing its impact) plays a significant role. When individuals in a specific situation of receiving genetic counselling and/or testing for predisposition to breast cancer or colorectal cancer were studied, differentiation of self was negatively linked to experiencing stress (measured level of intrusive thoughts and avoidance; Bartle-Haring, Gregory, 2003). Also in patients with fibromyalgia syndrome (a rheumatologic disorder), differentiation of self was negatively associated with perceived stress related to daily life and evaluation of disease severity (Murray, Daniels, Murray, 2006). Also, differentiation of self correlated with study-related stress: the less reactivity, tendency to engage in emotional cut-off and fusion and the higher ability to take an I position, the lower level of academic stress (Skowron, Wester, Azen, 2004). Studies on acculturative stress on the other hand, highlighted the significance of an I position for a stronger cultural identification (Roytburd, Friedlander, 2008).

Despite existence of studies linking differentiation to both, marital satisfaction and stress, no relationships between all variables at the same time have been examined. In the literature, despite searching for direct links between differentiation and different variables, this variable has been examined using mediational and moderational models (Murdock, Gore, 2004; Skowron, Wester, Azen 2004; Sandage, Jankowski, 2010; Hooper, Doehler 2011; Krycak, Murdock, Marszalek, 2012; Jankowski et al., 2013). A particularly explicit trend is observed positioning differentiation of Self as the mediator for psychological well-being and a buffer for psychological distress (Hooper, Doehler, 2011). Differentiation of self also mediates or moderates relationships between different variables and marital quality, e.g. between forgiveness and marital distress (Dekel, 2010).

According to Baron and Kenny (1986), the mediating effect of variable on the relation between two other variables should be tested when there is significant association between these variables, and when proposed mediating variable is linked to other variables (in the described way). As already shown, marital satisfaction and perceived stress are associated, and differentiation of self is separately linked to these variables. As Bowen (1976, 1978; Kerr, Bowen, 1988) and Skowron, Wester, Azen (2004), we assumed that negative linkage between marital satisfaction and perceived stress operates through one's level of self differentiation. Therefore, it appears legitimate to treat differentiation as a variable mediating between the level of marital satisfaction and perceived stress, and on the basis of analysis presented above, emotional reactivity, an I position, emotional cut-off, fusion with others as well as general level were expected to be significant mediators between these variables.

For the evaluation of the role of differentiation of self, a procedure suggested by Baron and Kenny (1986) was used and a model developed by Skowron, Wester and Azen (2004) was adapted. Figure 1 presents the variables and relationships between

them. In the suggested model, marital satisfaction is the independent variable, differentiation of self – mediator, whereas perceived stress – dependent variable.

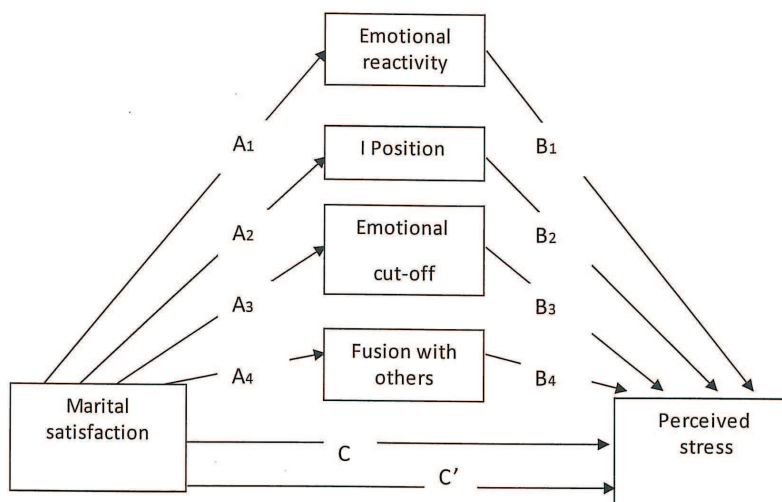


Figure 1. The model of relationships between variables – adaptation of the model developed by Skowron, Wester and Azen (2004; cf. Hooper, Doehler, 2011; Krycak, Murdock, Marszalek, 2012)

In line with assumptions of the procedure for evaluation of the mediating effect, a direct relationship between the predictor and criterion variable, that is between marital satisfaction and perceived stress is tested in path C. Path A assumes a significant relationship between marital satisfaction (independent variable) and differentiation of self (mediator). Path B assumed that differentiation of self is associated with perceived stress with controlled marital satisfaction, whereas in path C', it was assumed that marital satisfaction is linked to the level of experienced stress with the controlled differentiation of self. Mediating role of the differentiation of self is determined by comparison of indicators in paths C and C'.

Method

Sample

Purposive sampling method was applied and the sample was composed of married women. Study participants included 239 females, 220 of whom were qualified for the final data analysis. 19 sets of questionnaires were rejected due to missing data or the fact of not being married (maidens, widows or divorced). Participants were aged from 25 to 57 ($M = 42.42$; $SD = 6.75$). 40.9% of respondents had completed secondary, 20.3% college and 38.8% higher education. Period over which participants

have been married ranged from 1 to 35 years ($M = 18.61$; $SD = 7.57$). The majority of women (96.4%) had children, with a mean of 1.81 children ($SD = 0.81$).

Tools

In order to measure marital satisfaction, the *Well-matched Marriage Questionnaire* (KDM-2) developed by Plopa and Rostowski (Plopa, 2008), being a revised version of the questionnaire released in 1980's by Rostowski was used. It has the purpose of evaluating marital satisfaction treated as a multi-dimensional variable composed of four specific dimensions of the marital interaction, determined as a result of the factor analysis, that is: intimacy, self-fulfilment, similarity and disappointment. These form subscales of the questionnaire which also allows to measure general level of marital satisfaction. The questionnaire is composed of 32 items (each subscale featuring from 7 to 10) respondents are asked to refer to using a 5-level scale determined by the following responses: *strongly agree, agree, neither agree nor disagree, disagree, strongly disagree*. Reliability coefficients (Cronbach's α) for KDM-2 subscales range from 0.80 to 0.88. In this study, only general marital satisfaction indicator, being the total of scores obtained in individual subscales (in case of disappointment, reversed scores), has been used. It ranges from 32 to 160, and the higher the result, the higher satisfaction from the relationship with the spouse.

The level of stress was measured using *Perceived Stress Questionnaire* developed by Plopa and Makarowski (2010), which not only allows to estimate general stress level, but also specific aspects thereof, that is: emotional tension, external stress and intrapsychic stress. The questionnaire is composed of 27 items, each subscale corresponding to a particular stress dimension featuring 7 items, and 6 items for the lying scale, detecting the tendency to present things untruthfully in favourable light. Respondents have to choose one response from 5 possibilities (*true, rather true, hard to say, rather false and false*) which are assigned from 5 to 1 points, and in case of some statements, reversed score is applied. Reliability coefficients for specific dimensions achieve satisfactory values (Cronbach's α ranges from 0.697 to 0.811). Overall score ranges between 21 and 105, and the higher the score, the higher level of stress is displayed by a respondent. In the studies referred to above, general level of stress was considered only.

Level of differentiation of self was measured using DSI-R (*Differentiation of Self Inventory – Revised*) developed by Skowron and associates (Skowron, Friedlander, 1998; Skowron, Schmitt, 2003), and adapted in Poland by Kriegerewicz (2009). The questionnaire is made of 46 items and allows to estimate the general level of differentiation of self, as well as to measure individual aspects thereof, included in four subscales: emotional reactivity, an I position, emotional cut-off and fusion. The first two subscales feature 11 statements each, the following two - 12 statements each. Respondents have to refer to them using 6-level scale, from 1 (*completely false*) to 6 (*completely true*). Possible scores in the emotional reactivity and I position scales range from 11 to 66, whereas in the emotional cut-off and fusion – from 12 to 72. Higher score obtained in the emotional reactivity, cut-off and fusion dimensions means higher levels thereof, whereas in case of the I position – lower level there-

of, which always corresponds to poorer differentiation of self. Also, the higher the general score (ranging from 46 to 276), the poorer differentiation of self. Reliability coefficient (Cronbach's *alpha*) for the entire tool in Polish on the other hand was 0.92, whereas its value for specific scales ranged from 0.78 to 0.85.

Results

Table 1 presents coefficients of correlations between marital satisfaction, perceived stress and differentiation of self and dimensions thereof.

Table 1. Means, standard deviations and correlations (Pearson's *r*) between analysed variables

Variables	M	SD	1	2	3	4	5	6	7
1. Marital satisfaction	119.70	22.28	-						
2. Emotional reactivity	43.77	8.74	-0.26**	-					
3. I position	33.89	6.18	-0.21**	0.17**	-				
4. Emotional cut-off	36.80	9.63	-0.51**	0.63**	0.12	-			
5. Fusion with others	44.48	8.61	-0.23**	0.71**	0.30**	0.52**	-		
6. Differentiation of Self – general score	158.94	25.39	-0.42**	0.87**	0.45**	0.80**	0.85**	-	
Perceived stress	61.17	14.34	-0.31**	0.56**	0.39**	0.56**	0.50**	0.66**	-

** $p < 0.01$

Note. Higher scores on the DSI indicate more emotional reactivity, emotional cut-off, fusion with others, weaker ability to take I position, and lower level of general differentiation of self.

As shown in table 1, marital satisfaction displays a statistically significant negative correlation with perceived stress. Marital satisfaction is also significantly linked to the differentiation of self and its components, that is: the higher the satisfaction, the lower emotional reactivity, stronger I position, lower tendency to engage in fusion and emotional cut-off, and generally higher differentiation of self. Poorer differentiation of self in all dimensions (higher DSI scores) on the other hand, is positively linked to perceived stress understood as experiencing emotional tension, intrapsychic stress and external stress altogether.

Further data analysis was intended to evaluate the mediating effect of specific dimensions of differentiation of self (each one separately). To that end, a series of hierarchical regressions was performed, summarized in table 2.

Table 2. *Differentiation of Self as a mediator between marital satisfaction and perceived stress – summary of mediation analyses*

Mediating paths	Mediators													
	Emotional reactivity			I position			Emotional cut-off		Fusion with others			General level of differentiation		
	<i>B</i>	<i>SE</i>	β	<i>B</i>	<i>SE</i>	β	<i>B</i>	<i>SE</i>	β	<i>B</i>	<i>SE</i>	β	<i>B</i>	<i>SE</i>
Path A	-0.102	0.026	-0.26***	-0.058	0.018	-0.21**	-0.219	0.025	-0.51***	-0.089	0.026	-0.23**	-0.468	0.070
Path B	0.805	0.098	0.49***	0.700	0.151	0.30***	0.782	0.100	0.53***	0.735	0.099	0.45***	0.356	0.033
Path C	-0.200	0.042	-0.31***	-0.200	0.042	-0.31***	-0.200	0.042	-0.31***	-0.200	0.042	-0.31***	-0.200	0.042
Path C'	-0.113	0.038	-0.18**	-0.156	0.041	-0.24***	-0.030	0.043	-0.05	-0.130	0.039	-0.20**	-0.028	0.037
Sobel Test	Z=-3.54***			Z=-2.64**			Z=-5.83***		Z=-3.11**			Z=-5.68***		

* $p < 0.05$; ** $p < 0.01$; *** $p < 0.001$

Results of regression analysis show that high marital satisfaction is associated with low level of difficulties linked to differentiation of self (path A), whereas high level of poor differentiation of self is linked to high perceived stress (path B). Thus – besides a significant relationship between an independent and dependent variable (path C) – two basic conditions of the mediating procedure developed by Baron and Kenny (1986) were met. What is more, the relationship between marital satisfaction and perceived stress was always weaker in the presence of mediators (path C') than during their absence (path C), and in two instances (of emotional cut-off and general level of differentiation of self) its significance disappeared, which points to a considerable mediating role of differentiation. In addition, the mediating effect was confirmed by the Sobel test – its value and significance is presented in table 2.

Discussion

The purpose of the study was to test the mediating role of the differentiation of self in relation to marital satisfaction and stress perceived by women. Results have shown that differentiation of self is a significant mediator of the relationship between marital satisfaction and stress experienced by female respondents. Emotional reactivity, an I position and fusion mediate in marriage only to some extent, whereas emotional cut-off and general level of differentiation is a complete mediator. Obtained results also allow to integrate separate findings on links between differentiation of self and marital satisfaction and stress.

In the conducted study, significant relationships between all dimensions of differentiation and marital satisfaction in women were observed, which is worth comparing with previous studies. In an American study, of all individual dimensions of differentiation of self only less emotional cut-off was the predictor of higher marital satisfaction (Skowron, Friedlander, 1998; Skowron, 2000; Knerr, Bartle-Haring, 2010). Significant relationships between all components of the differentiation and marital satisfaction were obtained, either when the total score from four DSI subscales was considered (Skowron, Friedlander, 1998), or when scores of spouses were taken together (Skowron, 2000). In an Israeli study (Peleg, 2008), marital satisfaction in women was significantly linked to cut-off only, whereas in men, emotional reactivity and an I position were also important. In an Iranian study (Yousefi et al., 2009) on the other hand, all dimensions of the differentiation showed positive correlations with marital satisfaction. Therefore, relationships between analysed variables show both cross-sexual and cultural differentiation.

Relationships found in this study between marital satisfaction and all aspects of differentiation of self in women may be explicated by referring to selected mechanisms. Firstly, the discussed study revealed negative link between marital satisfaction and emotional reactivity. Converging outcomes are provided by researchers dealing with psychophysiology of marriage who have demonstrated that high physiological arousal accompanying emotions experienced during interactions between spouses is a strong predictor of decreased marital satisfaction (Levenson, Gottman, 1983; Gottman, Levenson, 1992). Lower level of emotional flooding during misunderstandings between spouses is, on the other hand, related to higher

satisfaction with their relationship (Gubbins, Perosa, Bartle-Haring, 2010). Therefore, excessive emotional arousal and marital satisfaction attenuate one another. Possible interpretation of the above is that in spouses with high reactivity, changes and tensions in the dyad evoke strong feelings and lead to accompanying arousal, which generate fairly unreasonable and extreme evaluations of marriage, making it difficult to function in the relationship in a stable and satisfactory manner. It should be noted, that excessive reactivity primarily involves reacting with fear (Skowron, Friedlander, 1998; Tuason, Friedlander, 2000), and, as found by Gottman and Krokoff (1989), wife's frequent reactions with fear and sadness are especially unfavourable for long-lasting relationships. What is interesting, this does not apply to anger or contempt, as expressing these feelings requires overcoming the fear of rejection, and thus it appears to be a component of higher differentiation of Self. An ability to express constructive anger would be more typical of individuals with a strong I position, who in this manner may speak their mind or defend themselves against peer pressure, including pressure of one's spouse. This capability to take an I position by women was found to be positively linked to their marital satisfaction. What is more, a negative relationship was found to exist between marital satisfaction and emotional cut-off and fusion. According to Bowen (1978), both extreme ways of functioning in relationships are a form of defence against fear, and in the long term they lead to frustration and dissatisfaction with the relationship (Gubbins, Perosa, Bartle-Haring, 2010). Obtained results are coherent with findings reported by Gottman and Krokoff (1989) in their longitudinal study identifying three dysfunctional patterns of marital interactions exerting the most powerful impact on deterioration of marital quality: withdrawal from interaction, defensiveness (which includes whining) and stubbornness. All these attitudes converge with emotional cut-off. Interestingly, marital disagreements and conflicts deteriorating marital satisfaction at a given moment, are not particularly harmful for the relationship longitudinally, unless they are accompanied by withdrawal, defensiveness and stubbornness. In view of the above, emotional cut-off may be understood as a barrier for marital communication and impediment to searching for methods of coping with tension and stress in marriage (Peleg, 2008). Withdrawal from interaction is also linked to a growing feeling of loneliness in the relationship (Gottman, 1999) and it cuts an individual off from possible support of the spouse which is significantly linked to satisfaction with the relationship (Neff, Broady, 2011; Landis et al., 2013). Fusion also leads to problems in the relationship. It refers to individuals who feel completely dependent from their environment and constantly expect satisfaction of their needs and provision of support in close relationships (Kerr, Bowen, 1988). At the same time, due to an autonomy deficit, partners in a fusion may believe that they are utterly responsible for happiness, suffering, mistakes or failures of their spouse. This leads to never-ending series of spouse-addressed accusations and blaming oneself for the inability to satisfy mutual expectations in a satisfactory way (Peleg, 2008). What is more, fusion generates a situation in which individuals lose the sense of personal identity, therefore marital relation may be perceived as a threat to one's own self.

Obtained results therefore show that women's ability to control their emotionality and to establish an intimate bond, at the same time keeping their autonomy and individuality, acting as components of good differentiation of self, is an important element of a successful marriage. These results converge with Bowen's theory (1978; Kerr, Bowen, 1988), which emphasized that the level of differentiation of self is of fundamental importance for possible experiencing of intimacy and community in the marital dyad, and that marital problems are especially generated when partners are poorly differentiated.

Moreover, the level of differentiation of self may mediate in linking marital satisfaction to stress perceived by women. The degree to which specific marital interactions are linked to perceived stress, partially depends on emotional reactivity, the ability to take an I position, tendency to engage in fusion with others and fully on the emotional cut-off.

Obtained results may be explicated by indicating the role of differentiation of self in stress management. Firstly, differentiation of self determines the manner of perceiving events (Kerr, Bowen 1988), and studies have confirmed its mediating role between stress events and perceived stress (Krycak, Murdock, Marszalek, 2012). Poorly differentiated individuals are guided by emotions rather than by rational processes in evaluating daily life events, and therefore they are more prone to experience them as stress. Higher differentiation of self, on the other hand, allows to calm down more easily in a stressful situation, behave in a more flexible manner and not surrender to emotions and pressure of the circumstances or other people (Skowron, Friedlander, 1998), which allows to perceive the same events as less stressful. This was revealed in a study on conflicts and interpersonal stress at a workplace (Cavaiola et al., 2012). Individuals displaying more emotional reactivity and cut-off, indicated conflicts with their colleagues, superiors or clients at work as a major source of stress much more often than individuals with less tendency in this respect. In light of the above, constantly fluctuating marital satisfaction depending on current events (Neff, Karney, 2009) in poorly differentiated individuals may, due to high level of anxiety, be assessed as a threat, which serves as ground for evaluating the phenomena as stressful.

Second explanation of the mediating role of differentiation of self is related to a theoretical assumption that more highly differentiated individuals use more constructive coping style with stress. Studies have shown that high differentiation of self is related to a reflective coping, whereas poor differentiation, to reactive (emotional) and suppressive styles (Murdock, Gore, 2004). Thus, poorly differentiated individuals are less able to cope with tension in the relationship with their spouse, and while observing their lower effectiveness, they capture themselves as less able and their environment as excessively demanding, which is intensified by stress. What is more, poor differentiation of self makes it difficult to receive social support. From the study and findings arrived at by Krycak, Murdock and Marszalek (2012), it follows that individuals who in their reactions are guided by emotions or tend to engage in cut-off in relationships, considerably lose emotional support of other people. This happens due to distance they develop or due to wearisome

nature of behaviours associated with emotional reactivity. Loss of support leads to experiencing psychological distress. Studies have shown that poorer differentiation of self predicts more symptoms of distress (somatization, obsessive-compulsive disorder, interpersonal hypersensitivity, depression and anxiety; Skowron, Friedlander, 1998; Tuason, Friedlander, 2000; Bartle-Haring, Gregory, 2003; Murdock, Gore, 2004; Skowron, Wester, Azen, 2004), which additionally prevent adjustment to a difficult situation.

Finally, limitations of the conducted study should be mentioned. One of them was the sampling method, and the fact that the sample was composed of females only. Literature review has shown that relationships between some tested variables were differentiated cross-sexually. Therefore, sex could be a moderating variable, and in subsequent studies men should be considered and differences analysed. Another issue is the cross-sectional character of the study. Due to changes in marital satisfaction and perceived stress, longitudinal study would be more advisable. Finally, it should be noted that the tool used to measure perceived stress fails to determine whether it is generated primarily within our outside marriage. Studies have shown that marital and extra-marital stress display positive correlations, and that both types of stress are significantly linked to marital satisfaction (Vento, Cobb, 2011). Further search for relationships between pursued phenomena should include both types of stress and their mutual impacts.

References

- Baron, R.M., Kenny, D.A. (1986). The moderator-mediator variable distinction in social psychological research: Conceptual, strategic, and statistical considerations. *Journal of Personality and Social Psychology*, 51(6), 1173-1182.
- Bartle-Haring, S., Gregory, P. (2003). Relationship between differentiation of self and the stress and distress associated with predictive cancer genetic counseling and testing: Preliminary evidence. *Families, Systems, and Health*, 21(4), 357-381.
- Bowen, M. (1966). The use of family theory in clinical practice. *Comprehensive Psychiatry*, 7(5), 345-374.
- Bowen, M. (1976). Theory in the practice of psychotherapy. W: P.J. Guerin Jr. (red.), *Family therapy: Theory and practice* (s. 42-90). New York: Gardner Press.
- Bowen, M. (1978). *Family therapy in clinical practice*. New York: Jason Aronson.
- Bradbury, T.N., Fincham, F.D., Beach, S.R.H. (2000). Research on the nature and determinants of marital satisfaction: A decade in review. *Journal of Marriage and the Family*, 62(4), 964-980.
- Braun-Gałkowska, M. (1985). *Miłość aktywna*. Warszawa: Instytut Wydawniczy PAX.
- Cavaiola, A.A., Peters C., Hamdan, N., Lavender, N.J. (2012). Differentiation of Self and its relations to work stress and work satisfaction. *Journal of Psychological Issues in Organizational Culture*, 3(1), 7-20.

- Dekel, R. (2010). Couple forgiveness, self-differentiation and secondary traumatization among wives of former POWs. *Journal of Social and Personal Relationships*, 27 (7), 924-937.
- Erickson, R.J. (1993). Reconceptualizing Family Work: The Effect of Emotion Work on Perceptions of Marital Quality. *Journal of Marriage and Family*, 55 (4), 888-900.
- Fincham, F.D., Linfield, K.J. (1997). A new look at marital quality: Can spouses feel positive and negative about their marriage? *Journal of Family Psychology*, 11 (4), 489-502.
- Goldenberg, H., Goldenberg, I. (2006). *Terapia rodzin*. Kraków: Wydawnictwo Uniwersytetu Jagiellońskiego.
- Gottman, J.M. (1999). *The marriage clinic: A scientifically based marital therapy*. New York: W.W. Norton.
- Gottman, J.M., Krokoff, L.J. (1989). Marital interaction and satisfaction: A longitudinal view. *Journal of Consulting and Clinical Psychology*, 57 (1), 47-52.
- Gottman, J.M., Levenson, R.W. (1992). Marital processes predictive of later dissolution: behavior, physiology, and health. *Journal of Personality and Social Psychology*, 63 (2), 221-233.
- Graham, J.M., Conoley, C.W. (2006). The role of marital attributions in the relationship between life stressors and marital quality. *Personal Relationships*, 13 (2), 231-241.
- Gubbins, C.A., Perosa, L.M., Bartle-Haring, S. (2010). Relationships Between Married Couples' Self-Differentiation/Individuation and Gottman's Model of Marital Interactions. *Contemporary Family Therapy*, 32 (4), 383-395.
- Hooper, L.M., Doehler, K. (2011). The mediating and moderating effects of differentiation of self on body mass index and depressive symptomatology among an American college sample. *Counseling Psychology Quarterly*, 24 (1), 71-82.
- Jankowski, P.J., Hooper, L.M., Sandage, S.J., Hannah, N.J. (2013). Parentification and mental health symptoms: Mediator effects of perceived unfairness and differentiation of self. *Journal of Family Therapy*, 35 (1), 43-65.
- Kaleta, K. (2011). Rodzinne uwarunkowania społecznego funkcjonowania jednostek w świetle teorii Minuchina i Bowena. *Roczniki Psychologiczne*, 14 (2), 141-158.
- Kaleta, K. (2014). Satysfakcja z małżeństwa a poczucie stresu i strategie radzenia sobie wśród kobiet, w recenzjach.
- Kerr, M., Bowen, M. (1988). *Family evaluation*. New York: W.W. Norton.
- Knerr, M., Bartle-Haring, S. (2010). Differentiation, perceived stress and therapeutic alliance as key factors in the early stage of couple therapy. *Journal of Family Therapy*, 32 (2), 94-118.
- Kołbik, I. (1999). Procesy emocjonalne w rodzinie. W: B. de Barbaro (red.), *Wprowadzenie do systemowego rozumienia rodziny* (s. 31-44). Kraków: Wydawnictwo Uniwersytetu Jagiellońskiego.
- Kriegerlewiecz, O. (2009). *Transmisja pokoleniowa stopnia zróżnicowania Ja i samooceny oraz ich znaczenie dla satysfakcji małżeńskiej*. Niepublikowana rozprawa doktorska, Wydział Psychologii Uniwersytetu Warszawskiego.

- Krycak, R.C., Murdock, N.L., Marszalek, J.M. (2012). Differentiation of Self, Stress, and Emotional Support as Predictors of Psychological Distress. *Contemporary Family Therapy: An International Journal*, 34 (4), 495-515.
- Landis, M., Peter-Wight, M., Martin, M., Bodenmann, G. (2013). Dyadic coping and marital satisfaction of older spouses in long-term marriage. *The Journal of Gerontopsychology and Geriatric Psychiatry*, 26 (1), Special issue: Functional Approaches to Stabilization across the Lifespan. Part 2: Examples from Personality, Well-Being, Social Relations and Health, 39-47.
- Leggett, D.G., Roberts-Pittman, B., Byczek, S., Morse, D.T. (2012). Cooperation, conflict, and marital satisfaction: bridging theory, research, and practice. *Journal of Individual Psychology*, 68 (2), 182-199.
- Levenson, R.W., Gottman, J.M. (1983). Marital interaction: Physiological linkage and affective exchange. *Journal of Personality and Social Psychology*, 45 (3), 587-597.
- Murdock, N., Gore, P. (2004). Stress, coping and differentiation of self: A test of Bowen theory. *Contemporary Family Therapy*, 26 (3), 319-335.
- Murray, Jr., T.L., Daniels, M.H., Murray, C.E. (2006). Differentiation of self, perceived stress, and symptom severity among patients with fibromyalgiasyndrome. *Families, Systems, and Health*, 24 (2), 147-159.
- Neff, L.A., Broady, E.F. (2011). Stress resilience in early marriage: Can practice make perfect? *Journal of Personality and Social Psychology*, 101 (5), 1050-1067.
- Neff, L.A., Karney, B.R. (2004). How does context affect intimate relationships? Linking external stress and cognitive processes within marriage. *Personality and Social Psychology Bulletin*, 30 (2), 134-148.
- Neff, L.A., Karney, B.R. (2009). Stress and reactivity to daily relationship experiences: How stress hinders adaptive processes in marriage. *Journal of Personality and Social Psychology*, 97 (3), 435-450.
- Ogińska-Bulik, N., Juczyński, Z. (2008). *Osobowość, stres a zdrowie*. Warszawa: Wydawnictwo Difin.
- Peleg, O. (2008). The relation between differentiation of self and marital satisfaction: What can be learned from married people over the course of life? *American Journal of Family Therapy*, 36 (5), 388-401.
- Plopa, M. (2005). *Psychologia rodziny: teoria i badania*. Kraków: Oficyna Wydawnicza Impuls.
- Plopa, M. (2008). *Więzi w małżeństwie i rodzinie. Metody badań*. Kraków: Oficyna Wydawnicza Impuls
- Plopa, M., Makarowski, R. (2010). *Kwestionariusz Poczucia Stresu*. Warszawa: Vizja Press & IT.
- Randall, A.K., Bodenmann, G. (2009). The role of stress on close relationships and marital satisfaction. *Clinical Psychology Review*, 29 (2), 105-115.
- Roytburd, L., Friedlander, M.L. (2008). Predictors of Soviet Jewish Refugees' Acculturation: Differentiation of Self and Acculturative Stress. *Cultural Diversity and Ethnic Minority Psychology*, 14 (1), 67-74.
- Sandage, S.J., Jankowski, P.J. (2010). Forgiveness, spiritual instability, mental health symptoms, and well-being: Mediator effects of differentiation of self. *Psychology of Religion and Spirituality*, 2 (3), 168-180.

- Skowron, E.A. (2000). The Role of Differentiation of Self in Marital Adjustment. *Journal of Counseling Psychology*, 47 (2), 229-237.
- Skowron, E.A., Friedlander, M.L. (1998). The Differentiation of Self Inventory: Development and Initial Validation. *Journal of Counseling Psychology*, 45 (3), 235-246.
- Skowron, E.A., Schmitt, T.A. (2003). Assessing interpersonal fusion: Reliability and validity of a new DSI Fusion with Others subscale. *Journal of Marital and Family Therapy*, 29 (2), 209-222.
- Skowron, E.A., Wester, R.W., Azen, R. (2004). Differentiation of Self mediates college stress and adjustment. *Journal of Counseling and Development*, 82 (1), 69-87.
- Strazdins, L. (2000). Integrating emotions: Multiple role measurement of emotional work. *Australian Journal of Psychology*, 52 (1), 41-50.
- Strazdins, L., Broom, D.H. (2004). Acts of Love (and Work): Gender Imbalance in Emotional Work and Women's Psychological Distress. *Journal of Family Issues*, 25 (3), 356-378.
- Timm, T.M., Keiley M.K. (2011). The Effects of Differentiation of Self, Adult Attachment, and Sexual Communication on Sexual and Marital Satisfaction: A Path Analysis. *Journal of Sex and Marital Therapy*, 37 (3), 206-223.
- Tuason, M.T., Friedlander, M.L. (2000). Do parents differentiation levels predict those of their adult children? And other tests of Bowen theory in a Philippine sample. *Journal of Counseling Psychology*, 47 (1), 27-35.
- Wong, M.M., Csikszentmihalyi, M. (1991). Affiliation motivation and daily experience: Some issues on gender differences. *Journal of Personality and Social Psychology* 60 (1), 154-164.
- Vandeleur, C.L., Jeanpretre, N., Perrez, M., Schoebi, D. (2009). Cohesion, satisfaction with family bonds, and emotional well-being in families with adolescents. *Journal of Marriage and Family*, 71 (5), 1205-1219.
- Vento, P.W., Cobb, R.J. (2011). Chronic Stress as a Moderator of the Association between Depressive Symptoms and Marital Satisfaction. *Journal of Social and Clinical Psychology*, 30 (9), 905-936.
- Yousefi, N., Etemadi, O., Bahrami, F., Fatehezade, M.A., Ahmadi, S.A., Beshlideh, K. (2009). Structural Relationships between Self – Differentiation and Subjective Wellbeing, Mental Health and Marital Quality – Fitting Bowen's Theory. *Iranian Journal of Psychiatry and Behavioral Science*, 3 (2), 4-14.