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Effects of Childhood Trauma on Hostility, Family Environment and Narcissism of Adult Individuals

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Abstract

Aim: This study aimed to investigate the effects of childhood trauma on hostility, family functioning and narcissism in adulthood. 595 healthy individuals participated, classified into two groups- trauma and no-trauma - based on experienced traumatic events.

Methodology: The Hostility and Direction of Hostility Questionnaire, the Aggression subscale of The Symptom Checklist-90-R, the Family Environment Scale and The Narcissistic Personality Inventory were administered. **Results:** Higher levels of hostility (p=.040) and aggression (p=.041) were observed among participants reported exposure to a traumatic event. Apart from the conflict subscale (p=.018), no dysfunctional family environment was found. Narcissistic traits did not differ between the two groups (p=.199). Logistic regression models found that participants experienced childhood trauma had a higher risk of overall hostility (OR=0.92, 95% CI=.89-.99).

Key Words: Hostility • family conflict • childhood trauma • narcissism • stressful events

Introduction

The term 'trauma' does not have a totally accepted definition (Zepf & Zepf, 2008). According to Freud, 'trauma' is associated with an external violent assault too powerful to be dealt with by the subject (Zepf & Zepf, 2008; Laplanche & Pontalis, 1986). In the Freudian perception trauma is firstly understood in economic terms (Stolorow, 2006; Zepf & Zepf, 2008). Trauma is the answer to a Limited studies have demonstrated a direct link dangerous situation accompanied by regression, between childhood trauma and impairments in adult compromised ego functioning, and "obligatory hostile attitude. Traumatic events by representing psychopathology" (Schore, 2001; Naso, 2008). It interpersonal violence are observed in many reflects the ego's immaturity during the first years adolescents addicted to alcohol (Clark, Lesnick & of childhood (Schore, 2001). In this point of view, Hegedus, 1997). Characteristics of traumatic the construction of trauma includes the meaning of experience, such as dissolution of the empathic fantasy, psychic representation and structure, loss bond, failure to assimilate experience into psychic

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of the love object, loss of the object's love and explanation of the aetiology of conversion symptom formation (Zepf & Zepf, 2008; Schore, 2001). Its formation and aetiology are considered multidimensional (Roelofs, Spinhoven, Sandijck, Moene & Hoogduin, 2005).

Childhood traumatic events and hostility

may explain the role of stressful events in the psychoanalytic view considers trauma to hold a observed antisocial and violent behaviour during tendency for elevating narcissistic characteristics, adulthood (Roy, 1999; Roy, 2001; Frazzetto, Di there are few existing data to enlighten this possible Lorenzo, Carola, Proietti, Sokolowska, Siracusano connection. Baron, Reznikoff & Glenwick (1993) & et al., 2007). Frazzetto et al. (2007) express the in an interesting project regarding the Holocaust hypothesis that exposure to early traumatic trauma among experiences, with low MAOA activity, is a major examining risk factor for aggressive behaviour in later life. transmission, failed to support that this complex Childhood abuse may constitute an intriguing traumatic experience could lead to greater environmental risk factor for the presentation of narcissism compared to the control group. Thus, trait impulsivity, aggression and suicide attempts in empirical evidence shows that narcissistic traits and adults with depression (Brodsky, Oquendo, Ellis, vulnerabilities may have a contribution to PTSD, as Haas, Malone & Mann, 200) According to Byrne & a result to traumatic exposition (Bachar, Hadar & Riggs (1996) veterans with PTSD symptomatology Shalev, 2005). are at higher risk to showing aggressive behaviour against their partners.

Childhood traumatic events and family environment

family functioning, few studies have focused on and psychopathology (Roelofs et al., 2005). effects of traumatic events on family environment. Secondly, in accordance to epidemiological For example, childhood abuse might further evidence, approximately two- thirds of community dissolute an already dysfunctional family, and samples have a life experience of a traumatic event moreover, this kind of family may breed (Rosenberg, Rosenberg, Wolford, Manganiello, intrafamilial child abuse, either sexual or physical Brunette & Boynton, 2000; Mcquaid, Pedrelli, (Briere & Elliott, 1993). Persistence of depressive McCahill & Stein, 2001). However, there are poor traumas symptomatology is communicated to other data concerning the effect of childhood traumatic family members and could dissolve the supporting life events on hostility, family environment and bonds, a situation which finally enhances the narcissism in later life regarded as a whole of individual's depression exhausting their resources psychosocial functioning, in healthy individuals. On for recovery (Billings & Moos, 1983). Uruk, Sayger these grounds we hypothesised that subjects who & Cogdal (2007) placed the differences in family had experienced childhood traumatic life events cohesion as a significant thesis to explain both would present greater levels trauma symptoms and psychological well-being. aggressiveness, family dysfunction and narcissism Previous data have promoted that this lack of compared to individuals who had not. We chose to cohesion is responsible for internalizing problems perform this study in a non clinical community associated with trauma (Bal, De Bourdeaudhuij, sample in order to avoid the confounding effect of Crombez & Van Oost, 2004). It seems that abuse, emotional distress caused by mental or physical in particular, is associated with greater use of illness. To be more specific, the authors aimed to dissociation, though family pathology accounts for investigate the possible effects of childhood trauma this effect (Nash, Hulsey, Sexton, Harralson & on the psychological parameters mentioned above, Lambert, 1993).

Childhood trauma and narcissism

In the psychoanalytic way of thinking, 'narcissism' has the role of a protective shield, functioning as a 'black hole' for the trauma patient, leading them eventually into a realm of emotional void, of hole object transference, of deprivation of memories, where there are no reverberations of the trauma patient's experience. However, motion, life and death drive and fragments of memory still survive

representation and structure (Laub & Lee, 2003), in the narcissistic envelope (Gerzi, 2005). Although second generation survivors the theory of intergenerational

Current Study

There are several reasons for investigating the role of childhood traumatic events in adulthood. First of all, early traumatic life events seem to be a key Even if childhood trauma seems to change internal factor in multiple areas of psychosocial dysfunction of hostility, clarifying the multidimensional nature of aversive experiences.

Methodology

Sample

The total number of individuals was five hundred and ninety five (595), healthy individuals (164 men and 431 women) that were a) either undergraduates or postgraduate students of Greek Universities or administrative employees at the above Universities,

- 139 -

sectors and c) relatives and friends of the above Greek population (Lyketsos, Blackburn & Tsiantis, individuals. The average age of these participants 1978; was 34 years (range: 18-75 years). All subjects had Moutsopoulos, 1989). at least graduated from Primary school and they had no history of mental disorders nor did they require Aggression psychiatric medication. Those 595 individuals were In this study aggression was measured by using the divided into two groups on the basis of their Aggression subscale of The Symptom Checklist-90responses of experienced negative life events. The R. The SCL-90-R was developed by Derogatis first group (CT) consisted of 300 individuals (66 (1977) to evaluate a broad range of psychological males and 234 females) who reported being problems and symptoms of psychopathology exposed to at least one childhood traumatic event. (Derogatis, 1977). It consists of 90 items that The second group (NCT) consisted of 295 measure three global indices as well as nine indices individuals (98 males and 197 females) who for certain symptoms (that is, somatisation, reported not being exposed to such experiences.

Procedure

All the participants who fulfilled the study's requirements and accepted to participate in it were informed about the procedure of the study. A selfreport questionnaire, asking for certain sociodemographic information (e.g. gender, age, education, etc.), was enriched with a closed question one regarding traumatic experience during childhood: a) have you ever experienced a traumatic live event as a child? -it was the answer to this question that determined the formation of the two groups in the present study - and an open The Family Environment was measured by using question one b) if the answer to the above closed the Family Environment Scale (FES; Moos & question was yes, they then had to describe the Moos, event and indicate when it occurred. According to Environment Scale is a true or false-rated scale that this, in this survey the authors selected two types of consists of 90 statements about families (Billings & traumatic life events: (i) time-limited experiences Moos, 1983; Moos, 1990). Each participant used either in childhood or in later life (e.g. accidents, the Family Environment Scale (FES) to describe the diseases, or attacks by perpetrators); (ii) long- family milieu along 10 dimensions in three general lasting events of danger in childhood, (e.g. repeated domains: (a) interpersonal relationships (cohesion, intra-familial physical and/or sexual assault) expressiveness, conflict), (b) personal growth (McFarlane & Girolamo, 1996).

Measures

Hostility

Hostility was assessed by using The Hostility and Direction of Hostility Questionnaire (HDHQ; Caine, Foulds & Hope, 1967). The HDHQ is an attitudinal self-report instrument, measuring a wide range of manifestations of hostility as a personality trait, which is irrelevant to aggressive behaviour. It Narcissism consists of 52 items presented in 5 subscales. Three subscales, namely acting-out hostility, criticism of others and paranoid hostility, are measures of extrapunitiveness. The other two subscales, selfcriticism and guilt, measure intropunitiveness. Total hostility is the sum of scores on these five

b) both public servants and/ or employees in private subscales. HDHQ has been repeatedly used in the Drosos, Angelopoulos, Liakos &

obsession-compulsiveness, interpersonal sensitivity, depression, anxiety, aggression, phobic anxiety, paranoid ideation and psychoticism). Aggression is a ten item subscale representing how often aggressive feelings are expressed (Derogatis, 1977). It is rated on a 5-point scale (0-4), indicating the frequency of experiencing the aggressive symptoms described at a specific point in time. It has been standardised for the Greek population and found to possess satisfactory psychometric features (Donias, Karastergiou & Manos, 1991).

Family Environment

1986; Moos, 1990). The Family orientations (independence, achievement, intellectual orientation, moral-religious emphasis), maintenance and (c) system dimensions (organization, control) (Moos, 1990; Holahan, Moos, Holahan & Brennan, 1995; Holahan, Moos, Holahan, Brennan, 1997). It has been standardised for the Greek population and has been demonstrated to possess satisfactory psychometric features for clinical and non clinical samples (Matsa, 1997).

Narcissism was measured using The Narcissistic Personality Inventory (NPI; Raskin & Hall, 1979). The NPI is a self-reported inventory designed to measure narcissism in non-clinical populations (Emmons, 1981; Raskin & Terry, 1988; Coccosis, Vaslamatzis, Anagnostopoulos, Markidis, 1998). ones. The scale used in the present study was the p<0.05 was considered as statistically significant. Greek adaptation of the NPI (Coccosis et al., 1998). This version includes 30 forced-choice items pairs **Results** that compose a valid and promising measurement construction of the narcissism (alpha for coefficient: .85). High scores indicate strong Fullness mean standard deviations and distribution narcissistic tendencies. A total score (range: 0-30) frequencies of demographic characteristics of the on the NPI is calculated by summing only the sample are represented in Table 1. The participants, narcissistic choice (Coccosis et al., 1998).

Demographics

All participants were asked to complete these "battery" of self-report instruments and provided their demographic details (age, gender, family status, employment and educational background)

Data Analysis

For the description of the sample's social, Distribution frequencies of childhood traumatic demographic and psychological characteristics, life events distribution frequencies, means and standard deviations were performed. The criteria for testing For the trauma group, the first childhood trauma's normality was: $\geq \pm 2,00$ for the Skewness and $\geq \pm$ average age was 10 (SD = 3.5) ranging from 5 to 15 5,00 for the Kyrtosis (Skordilis & Stavrou, 2005). years old. In the CT group, the loss of The parametric independent student T test was subject/object was the most commonly endorsed adopted to compare trauma group and no trauma childhood trauma (47%), followed by physical group's scores on the quantitative variables, since abuse (29%), severe illness in family (20%), school their distribution was symmetric (Papaioannou & assault (7%), natural disasters (4%) and sexual Ferentinos, 2000). The Pearson x^2 (chi-square) tests abuse (3%). was performed for the comparison of categorical variables (Ioannidis, 2000). In addition, the one Psychometric Comparisons among groups way ANOVA were performed examining the accusations of others sociodemographic potential The next step to our analysis was to compare the confounding quantitative variables: marital status, two groups on the quantitative variables by means educational level and occupational condition. Then of t tests. As shown in Table 2 the trauma group the logistic regression models were used to reported marginally higher levels of aggressive investigate whether hostility, aggression, family behavior (p=.041) as measured by aggression SCLenvironment and narcissism were independently 90-R. Significant differences between groups were associated with childhood traumatic events, observed on paranoid hostility (p=.006), self regardless of other possible covariate effects criticism (p=.011), Guilt (p=.011), intropunitiveness (Papaioannou & Ferentinos, 2000; Dafermos, (p=.007) and on the total score of hostility (p=.040). 2005). The statistical analyses concerning the The groups were not significantly different on the descriptive characteristics of the variables examined characteristic were performed by both Excel and SPSS14, while dysfunctional family environment, except the those concerning comparisons and correlations of conflict scale (p=.018). quantitative and categorical variables were

For each paired statement, the one represents performed by the statistical packet of SPSS 14 narcissistic traits and the other non-narcissistic (SPSS Inc., 2005) only. For all statistical analyses

Demographics

of this study, were 164 (27.6%) men and 431(72.4%) women with mean age 34 (SD=12), ranged 18-75. Complete data were available also for the two groups (trauma-no trauma.). Age did not differ significantly between the two groups (t = -1.105, df = 593 and p = .273), but significant differences among groups were observed in gender $(x^2_p=9.379, df = 1 \text{ and } p = .002)$ and in educational background (*L*.*R*.=24,899, *df*=7 and *p*=.001).

of narcissism (p=.199)and

	Childhood Tra	uma		
	CTG	NCTG	Total	Differences
	N=300 (100.0%)	N=295 (100.0%)	N=595 (100.0%)	
				p-value
	22.08 + 12.26	24.16 + 11.52	24.00 + 12.00	t = -1,105
AGE*	33.08 ± 12.36 Distribution	34.16 ± 11.53	34.00 ± 12.00	.270
	fréquences	Distribution	Distribution	
	irequences	fréquences	fréquences	X ² _P =9,379
GENDER				л _Р =9,379 .002
Men	66 (22.0%)	98 (33.2%)	164(27.6%)	.002
Women	234 (78.0%)	98 (33.2%) 197 (66.8%)	431 (72.4%)	
women	234 (78.0%)	197 (00.8%)	431 (72.4%)	Fisher's
FAMILY STATUS				Exact Test=4,746 .187
Single	178 (59.3%)	150 (50.8%)		
Single	108 (36.0%)	130(44.1%)	328 (55.1%) 238 (40.0%)	
Marital Divorced	9 (3.0%)	11 (3.7%)	20 (3.4%)	
Widowed	5 (1.7%)	4 (1.4%)	9 (1.5%)	
Widowed	5 (1.770)	+ (1.+/0)) (1.570)	Fisher's Exa
				Test=7,942
EMPLOYMENT				.093
Unemployed/Student	84 (28.0%)	67 (22.7%)	151 (25.4%)	
Housekeeping	16 (5.3%)	13 (4.4%)	29 (4.9%)	
Self-Employed	43 (14.3%)	29 (9.8%)	72 (12.1%)	
Private Sectors	66 (22.0%)	86 (29.2%)	152 (25.5%)	
Public Sectors	91 (30.4%)	100 (33.9%)	191 (32.1%)	
				L.R.=24,89
EDUCATIONAL BACKGROUND				.001
Primary Education	17 (5,7)	10 (3,4)	27 (4,5)	
Secondary Education (3 Years)	11 (3,7)	9 (3,1)	20 (3,4)	
Secondary Education (6 Years)	38 (12,7)	71 (24,1)	109 (18,3)	
	109 (36,3)			
Higher Education (Graduate)		108 (36,6)	217 (36,5)	
Postgraduate (Master Degree)	31 (10,3)	38 (12,9)	69 (11,6)	
Postgraduate (P.h.D Degree)	2 (0,7)	3 (1,0)	5 (0,8)	
Undergraduate Student	92 (30,7)	56 (19,0)	148 (24,9)	

*AGE is expressed as Mean ± Standard deviation

CTG=Childhood Trauma Group NCTG= Non Childhood Trauma Group L.R. = Likelihood ratio

childhood trauma group.							
Childhood Trauma							
	CTG N=300 (50.4%)	NCTG N=295 (49.6%)	Total	Differences*			
Scores of variables	Mean (S.D.)	Mean (S.D.)	Mean (S.D.)	p-value			
Criticism Of Others	5.56 ±2.78	5.54 ± 2.45	5.65 ± 2.36	.941			
Acting-Out Hostility	4.25 ± 2.00	4.22 ± 2.06	4.24 ± 2.03	.891			
Paranoid Hostility	2.19 ± 1.92	1.77 ± 1.79	1.98 ± 1.86	.006			
Self-Criticism	4.20 ± 2.18	3.74 ± 2.22	3.97 ±2.21	.011			
Guilt	2.21 ± 1.67	1.92 ± 1.52	2.07 ± 1.560	.023			
Extrapunitiveness	12.00 ± 4.71	11.54 ± 5.16	11.77 ± 4.94	.259			
Intropunitiveness	6.41 ± 3.44	5.65 ± 3.44	6.04 ±3.46	.007			
Total Hostility	18.41 ± 7.04	17.42 ± 7.39	18.81 ±7.23	.040			
Aggression	5.58 ± 4.73	4.82 ± 4.27	5.20 ± 4.52	.041			
Cohesion	6.71 ± 2.05	6.92 ± 1.95	6.81 ± 2.00	.217			
Expressiveness	5.87 ± 1.58	5.78 ± 1.66	5.82 ± 1.62	.532			
Conflict	2.70 ± 2.08	2.30 ± 2.01	2.50 ± 2.05	.018			
Independence	5.99 ± 1.55	6.14 ± 1.54	6.07 ± 1.55	.242			
Achievement Orientation	6.02 ± 1.50	5.95 ± 1.65	5.99 ± 1.57	.566			
Intellectual - Cultural Orientation	5.35 ± 2.18	5.20 ± 2.19	5.27 ± 2.19	.390			
Active-Recreational Orientation	4.91 ± 2.38	4.78 ± 2.20	4.85 ± 2.30	.468			
Moral-Religious Emphasis	4.25 ± 2.14	4.07 ± 2.12	4.16 ± 2.13	.305			
Organization	5.59 ± 1.84	5.64 ± 1.74	5.62 ± 1.79	.741			
Control	4.34 ± 1.76	4.56 ± 1.72	4.45 ± 1.74	.133			
Family Incongruence Score	51.75 ± 8.54	51.34 ± 8.26	51.55 ± 8.39	.552			
N.P.I**	8.00 ± 5.00	8.21 ± 4.78	8.74 ± 5.24	.199			

Table 2. Comparison of psychometric variables between childhood trauma group and no childhood trauma group.

*Means and standard deviations with t tests differences **NPI = Narcissistic Personality Inventory CTG=Childhood Trauma Group

NCTG= Non Childhood Trauma Group

Variables	p-value	Odds ratio (95% Confidence Interval)
Model 1	-	
Age	.539	0.995 (.98-1.01)
Gender	.002	1.777 (1.23-2.56)
Education	.595	1.043 (.89-1.21)
Model 2		
Age	.653	0.996 (.98-1.01)
Gender	.013	1.616 (1.10-2.36)
Education	.378	1.074 (.92-1.26)
Paranoid Hostility	.010	1.205 (1.05-1.39)
Self-Criticism	.049	1.135 (.98-1.25)
Guilt	.254	1.096 (.94-1.28)
Intropunitiveness	.047	1.379 (1.14-2.45)
Total Hostility	.014	0.926 (.8999)
Aggression	.060	1.066 (.97-1.06)
Conflict	.178	1.063 (.97-1.16)

Table 3. Logistic Regression Analysis of demographic and psychometric variables for childhood trauma

Methods 1, 2= stepwise.

One way analysis of variances

The one way analysis of variances did not provide significant associations between childhood trauma, marital status (F= 1.6, p=.19) and occupational condition (F= 2.0, p=.93), while educational background (F= 3.4, p = .001) was linked with childhood traumatic events. With regard to the ANOVA, under Bonferoni criterion it was found The present study attempted to demonstrate the that the low and post graduate educational level correlation between early childhood traumatic have a stronger connection to childhood trauma events and their effects on hostility, family (p<.05).

Regression models for Childhood trauma

To justify further investigation, models of stepwise approach logistic regression, examining the associations between childhood trauma and late-life hostility and family environment, were performed. Model 1 was adjusted for age, sex, and education level. Hostility, aggression and family conflict scores were introduced in step model 2. As shown in table 3, after controlling for socio-demographic variables, participants who had experienced childhood trauma had a higher risk of paranoid (OR=1.20, 95%) CI=1.05-1.39), self hostility criticism 95% (OR=1.13, CI=.98-1.25), introputiveness (OR=1.37, 95% CI=1.14-2.45) and

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overall hostility (OR=0.92, 95% CI=.89-.99). Finally logistic regression found that participants with traumatic events during childhood were not associated with greater risk of aaggression and family conflict in later life.

Discussion

environment and narcissism in adult life, along with the multidimensional nature of aversive events, since it is proven that the two thirds of the general population have had at least one childhood traumatic experience in their life (Rosenberg et al., 2000; Mcquaid et al., 2001). More analytically in our trauma group - consisting of 300 participants (66 men-197 women), we found that the first traumatic event was been experienced in the mean age of 10 years old, with the loss of subject/object being the most prevalent followed by physical abuse severe illness in the family, school assault, natural disasters and sexual abuse. In regard to statistical analyses, higher levels of hostile, aggressive attitude and conflict on family environment were observed among participants during childhood. It is though supported that maladaptive forms of self-love may make it childhood trauma is a major risk factor for the difficult for the individual to understand and assess hostile and aggressive behaviour, thus it may be the pathological narcissism (Watson & Biderman, explanation for these attitudes in adulthood, leading 1993). to a general social and familial dysfunction.

Childhood traumatic events first and foremost correlation between childhood trauma, marital affect hostility, which in the present study was status and occupational condition. Although, measured through the HDHQ (Caine et al., 1967) concerning the educational background, we found showing that among people who reported a that there is an association with childhood traumas traumatic life experience during childhood, hostility since the subjects with low and post graduate was present. Our findings coincide with Roy's educational level have a stronger connection with opinion that early traumas play an important role in childhood trauma. An explanation for this, though, the development of hostility among adults, showing could be that our almost half of our sample both healthy and abnormal patterns of behavior constituted of individuals whose educational (Roy, 1999; Roy, 2001). As far as aggression is background either did not include higher education concerned, a dimension which was assessed by the or were undergraduates. SCL- 90 subscale, in the present study is also The significant differences on psychometric indicated that a childhood traumatic event affects comparisons was submitted to further analysis. the presence of aggressive behavour in later life. To After controlling for age, sex, and education level, be more specific, we found that people who had at multiple logistic models revealed that only hostility least one traumatic childhood experience showed and their forms were independently associated with marginally higher levels of aggressive behavior childhood traumatic events. Individuals who had compared to our second group of individuals with reported exposure to a traumatic event during no reported childhood traumas. Kernberg (1975) childhood had a higher risk of paranoid hostility, supports that a trauma has multiple influences on self criticism, introputiveness and overall hostility. the subjective sense of time, depending on the One explanation for the association between nature and duration of the traumatic experience. hostility and childhood traumatic events could be Furthermore, in the case of acute, brief situations that hostility negatively distorts memories of when trauma is the product of willful aggression, childhood (Schore, 2001), thus a childhood trauma there will be an almost intolerable sense of may lead to the development of a hostile extension of time during the traumatic experience personality (Roy, 1999; Roy, 2001; Laub & Lee, itself, with a fixation to the trauma which, by 2003). Another is that relationship problems have a repetitive "flashbacks", extends its subjectively meditative effect in the association between experience duration (Kernberg, 2008). Our findings traumatised peoples symptoms and their use of are in accordance to the theory that exposure to aggression (Pagano, Skodol, Stout, Shea, Yen, early traumatic experiences is related to aggressive Grilo & et al., 2004). From the demographic behaviour in later life (Roy, 1999; Roy, 2001).

The family environment of the participants, traumatic events during childhood. These gender unexpectedly, was not found to be dysfunctional, differences may be ought to the fact that in our when the R-FES (Moos & Moos, 1986; Moos, sample the percentages of women were greater than 1990) was applied, apart from the conflict subscale. men, despite of the belief that women are more These results are inconsistent with previous studies vulnerable to traumatic events (Wang, Du, Sun, based on the perception that dysfunctional family Wu, Xiao, et al. 2010) and this may have a relations are involved in the development of the contribution to this evidence. anxiety trait among children who have experienced Our study underlined the significance of trauma on physical disasters (e.g. Özgüven& Sayil, 2003). assessed by the NPI (Coccosis et al., 1998) was not consistent with the psychoanalytic thoughts, which found to be pathological among the two groups of support that all types of trauma, are firstly this study's participants, with disregard to previous psychological traumas. According to Blum (2007) findings. However, pathological narcissism lies in the childhood trauma is pathogenic if its ideational environmental frustrations, oral aggressiveness as content and effects were repressed and had not been well as disturbed object relations (Kernberg, 1975; verbalized in conscious awareness. A destructive Kernberg, 2008). There is also a suggestion that the trauma does not break through the protective shield

who had reported exposure to a traumatic event complex entanglements between adaptive and

Moreover in our study there was no significant

variables only gender was found to be related with

earthquakes) (Kiliç, psychosocial functioning, thus the effects of Thus, narcissism as childhood trauma appear to last a lifetime, findings but does breach the pleasure-displeasure principle, so that in the course of its subsequent mastery it leads to a traumatic neurosis (Zepf & Zepf, 2008).

However, there are certain limitations in the present study, the most significant of which is that our sample consisted mostly of women. Concerning the educational level of the participants, our sample had individuals the majority of which was graduates and undergraduates, which could provide the explanation for the relationship between the Bal, S., De Bourdeaudhuij, I., Crombez, G. & Van Oost, educational level and childhood trauma. Another limitation of the study is the study design itself. Other uncontrolled factors including genetic risk, childhood adversity unrelated to trauma and environmental exposures might have confounded the results. Regardless of these limitations, we believe that our findings contribute to the concept that early trauma is noteworthy because it underscores the psychological significance of events that rarely enter awareness (Schore, 2001; Naso, 2008). This psychoanalytic understanding of how childhood trauma impacts on the mind-brainbody complex (Van der Kolk, 2003; Terr, 2003) can be integrated with the current bio-psychosocial approach of psychosomatic and mental disorders. Further research required to improve is understanding of the pathways as well as to declare which type of trauma has the greater impact in hostile personality development. Our sub-analysis did not succeed in providing evidence about different kinds of traumatic events and their respective effects on the psychometric parameters in adulthood, at least in a statistical significant Caine, T. M., Foulds, G. A. & Hope, K. (1967) Manual of level.

Conclusions

As shown in this study there is a significant association between childhood trauma and physical as well mental disorders in later adulthood, such as hostile personality. Since hostile and aggressive individuals show a serious social and familiar dysfunctional behaviour, which can be attributed to a childhood trauma experience, there is a need for further studies on this subject so that the health providers could be able to identify the sources of such behaviours and create preventive methods or treatment programmes with the ultimate purpose of reducing the effects of childhood trauma both for the individual and the society in general. The Drosos, A. A., Angelopoulos, N. V., Liakos, A. & implementation of such methods and programs should not be only international or national but also local so as to identify the individuals at risk as early Emmons, R. A. (1981) Relationship between narcissism and as possible.

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