# Social Phobia and Interpersonal Stress: Interpersonal Distress (Interpersonal Stress) Moderator

**Sheideh Fasahati[*1], S. Mansoureh Emami Saber[2], Mojgan Abbasi Abrazgah[3]**

1. M.A of Counselling - Allameh Tabatabaee University, Tehran, Iran.
2. M.A of Clinical Psychology, Torbat-e-Jam Branch, Islamic Azad University, Torbat-e-Jam, Iran.
3. M.A of General Psychology - Malayer University, Malayer, Iran.

## A B S T R A C T

Existing models of social phobia are rarely considered to be interpersonal stress. Also, these models rarely include interpersonal factors that combine the effects of social phobia. According to the recent findings of two forms of interpersonal distress, feeling overhead and neutral attachment, exacerbate social phobia and cause interpersonal stress, these two structures may be especially important in the study of social phobia and stress Individuals are linked together. The present study expands the previous study by testing the role of social phobia in the occurrence of positive and negative interpersonal events and examines whether interpersonal distress regulates this relationship. Graduate students (N = 243; M = 20.46 years; 83% female) completed reports of social phobia measurements, overweight, and neutral attachment, plus a measurement and a clinically evaluated clinical interview. Reporting the positive and negative interpersonal events that have taken place over the past six weeks. Only with an increasing incidence of independent interpersonal negative events, after controlling symptoms of depression, levels of social phobia were higher. This relationship was stronger among people who felt more overcrowded, but this was not the case with the neutral attachment. It may be important to create interpersonal stress in social phobia models with greater power.

*Keywords:* Social Phobia, Distress, Interpersonal Stress, Positive And Negative Interpersonal Events.

## INTRODUCTION

Considering the significant role of stress in the outcomes of physical and psychological health(Beautrais, 2003), researchers investigated the factors contributing to the occurrence of stressful events. Check out. Hammen (1991), inventing "stress", found that the occurrence of negative events depends, at least in part, on one's own actions. This study distinguishes between affiliated events that occur due to personal characteristics or behaviors (that is, struggle with one of the family members) and independent events that occur outside the control of one person (that is, parental marriage) has been. The theory of stress has received empirical support for retirement(Crosswell et al., 2018). Although originally studied among people with depression in

their studies(Hammen, 1991), in other clinical disorders and perinatal diagnostic vulnerabilities, such as cognitive and negative personality styles (Shahzad et al., 2010).

## THE RELATIONSHIP BETWEEN SOCIAL PHOBIA AND INTERPERSONAL AFFAIRS

Despite the recent expansion in the theory of stress-induced depression, there are few references to stress in the prominent models of social phobia disorder(Morrison & Heimberg, 2013). This is a surprise for several reasons. First, the popular models of social phobia disorder are found to be factors that have been found to contribute to larger negative interpersonal events (ie, interpersonal stress). In fact, Hofmann (2007), model of social phobia involves several risk factors for interpersonal stress, such as social phobia, social skills deficits, negative self-perception, and deliberation(Hamilton et al., 2017; Hammen, 1991). Due to many common risk factors among social phobia disorder and interpersonal stress, vulnerable people with social phobia disorder can also be prone to interpersonal stress. Second, social phobia disorder and high social phobia symptoms are highly correlated with depression(Belzer & Schneier, 2004; Kessler, Stang, Wittchen, Stein, & Walters, 1999; Pine, Cohen, Cohen, & Brook, 2000), which is a well-documented history of stress Someone is It is likely that people with depression will experience interpersonal stress, not only from the root of symptoms associated with depression and vulnerability, but also from compound social phobia. Finally, the growing body of research shows that there can be a relationship between the denominational (symptomatology) social phobia and interpersonal stress(Antonina S Farmer & Kashdan, 2015; Antonina Savostyanova Farmer & Kashdan, 2012). For example, a study found that more negative family related interpersonal events were reported for adults with social phobia disorder than those who did not have an impairment(Antonina S Farmer & Kashdan, 2015). In addition, for example, undergraduate students were reported by individuals with higher levels of social phobia symptoms than any other interpersonal affiliated events (Antonina Savostyanova Farmer & Kashdan, 2012). Thus, although existing models do not place interpersonal stress within their framework of social phobia, there is some empirical support for the relationship between the social phobia denominator and interpersonal stress.

It should be noted that researchers have tested a little whether interpersonal stress develops into positive events, so that people with high social phobia can inadvertently assist and integrate with positive interpersonal events (ie, creating an interpersonal positive event; Hamilton et al. (2017). Although the absence of negative events for life satisfaction is important, the presence of positive events is also important. The fear of judgment in social situations can make it possible for people with social phobia to enjoy less or less likely to reward potential rewards(Morrison & Heimberg, 2013). Additionally, people with high social phobia can be inclined to interpret positive or obscure events and negative signals(Morrison & Heimberg, 2013). In fact, Antonina S Farmer and Kashdan (2015) found that adults with social phobia disorder experienced less frequent, intermittent, interpersonal events than those who did not have a disorder. So, although limited, there is evidence that social phobia is also related to the decreasing number of affiliated interpersonal affinities. All in all, the present article suggests that researchers need to experiment with which of the interpersonal positive and negative events (in general, interpersonal affinities) are contributing to existing social phobia models.

## INTERPERSONAL DISTRESS (STRESS) AS A MODERATOR OF SOCIAL PHOBIA AND INTERPERSONAL AFFAIRS

An interpersonal distress can be an additional factor for the relationship between interpersonal affinities and social phobia symptoms(Epkins & Heckler, 2011; Koo, Woo, Yang, & Kwon, 2015). In particular, the relationship between social phobia and interpersonal affairs

can be affected by two distinct forms of distress (interpersonal stress): feeling overhead and neutral attachment. The sense of overhead points to the belief that the person himself is as inadequate and inadequate as it is against others (Buckner, Lemke, Jeffries, & Shah, 2017; Lundy & Drouin, 2016; Ranta, La Greca, Kaltiala-Heino, & Marttunen, 2016). Neutral attachment is defined as a deficiency in social communication, which leads to an unmet need for belonging (Byrow, Chen, & Peters, 2016; Byrow & Peters, 2017; Eikenæs, Pedersen, & Wilberg, 2016). These structures were essentially described in the psychological (or psychological) theory of interpersonal suicide(Van Orden, Witte, Gordon, Bender, & Joiner Jr, 2008). And had the most relationship with depression and suicide. Given that depression and social phobia are highly combined (Belzer & Schneier, 2004; Kessler et al., 1999; Pine et al., 2000). It is not surprising that researchers also began testing these structures in relation to social phobia (Buckner et al., 2017; Chu, Rogers, & Joiner, 2016; Davidson, Wingate, Grant, Judah, & Mills, 2011). In fact, after investigating the underlying principles of the presence of other forms in psychopathology, the researchers found that there was a disagreement between social phobia and attachment(Buckner et al., 2017; Chu et al., 2016; Davidson et al., 2011; Silva, Ribeiro, & Joiner, 2015). Additionally, social phobia shares with many key components the feeling of overhead, including the lack of confidence in self-confidence(Hedman, Ström, Stünkel, & Mörtberg, 2013; Westenberg, 1998) and the fear of causing resentment to others (Morrison & Heimberg, 2013). Based on the growing body of research that states that sense of overhead and neutral attachment are related to social phobia, perhaps to test whether these types of interpersonal distress may increase the likelihood of symptoms of social phobia in an attempt to increase interpersonal affairs, In fact, the neutral attachment and the feeling of overhead, in addition to the components of each structure, share with interpersonal events(Buitron et al., 2016). Lack of social support, an important aspect of neutral affiliation, has been shown to be more frequent with occasional negative interpersonal affairs(Hill, Del Busto, Buitron, & Pettit, 2018; Hill et al., 2019). Neutral attachment may increase social avoidance, which in turn can limit the beginning of new positive relationships. In fact, Chu et al. (2016), found that people who experience both high social phobia and neutral attachment have a shortage of satisfying interpersonal relationships they tend to. Similarly, a key aspect of the experience of being overburdened is a negative diagnostic style(Van Orden et al., 2008), which is also a risk factor for interpersonal stress(Alba & Calvete, 2019; Hamilton et al., 2013). Cognitive deviations, one of which social burden on others, can lead to unpleasant behaviors (for example, control behaviors and excessive trust to others). Such behaviors, although they intend to avoid predictable rejection, may have a reverse effect, and in effect lead to negative interactions with family and friends. This is consistent with studies that found that unpleasant behaviors associated with social phobia contribute to interpersonal stress(Fung & Alden, 2017; Liu, Kraines, Massing-Schaffer, & Alloy, 2014). Therefore, especially individuals with higher levels of social phobia can be susceptible to the occurrence of interpersonal affairs more negative and less positive. If they experience neutral attachment and feel overhead.

## DISCUSSION AND CONCLUSION

The perception of social phobia rarely emphasizes the role of interpersonal stress. We found that social phobia, after being considered as a symptom of depression, was a significant predictor of interpersonal affairs. These findings were in agreement with study hypotheses. In addition, social phobia was not associated with the category of independent or non-individual events. Also, in line with our assumptions, we found that levels of over-feeling moderate the relationship between social phobia symptoms and interpersonal negative affairs. Contrary to our expectations, the levels of neutral attachment did not modify the relationship between the social

phobia denominator and the interpersonal negative affiliated events. Finally, social phobia was not associated with the occurrence of affiliated interpersonal affairs.

Our findings suggest that higher social phobia with higher rates of interdependent interpersonal affairs is in line with previous research(Antonina S Farmer & Kashdan, 2015; Antonina Savostyanova Farmer & Kashdan, 2012). It points out that the structure of interpersonal stress can be useful in addition to existing social phobia models. Hofmann (2007) plans cognitive factors that preserve social phobia disorder, such as poor social skills and social misery prediction. Although these fears are often not real, they can still lead to interpersonal negative affairs, such as relationship disputes, interpersonal interactions, and lack of participation in social activities. Instead, later on, these real events can provide evidence of the underlying psychological fears. Considering that stress production is seen as a defective cycle for performance (eg, psychopathology and negative events feed on each other in a two-way way; Hofmann (2007), the pathological fears can be related to social interactions and interpersonal negative affairs Make each other permanent. Therefore, additional research is needed to determine whether the relationship between the social phobia denominator and the primary of interpersonal stress is two-sided.

In addition, our findings point to the fact that the sense of overhead manages the relationship between levels of social phobia and interpersonal stereotypic production. In particular, only at higher levels of feeling overhead, social phobia was negatively related to interpersonal affairs. These findings are consistent with a theoretical paper that identifies the negative impact of interpersonal vulnerabilities on social phobia disorder(Alden & Taylor, 2004; Fung & Alden, 2017). One observation of the observed interaction is that for people with higher levels of social phobia, the feeling of a hard type is that it exacerbates the prediction that social interactions will have negative consequences. People with high social phobia are deeply afraid that social exclusion will destroy social costs such as dignity, self-worth, and rejection (Heimberg, Brozovich, & Rapee, 2014; Hofmann, 2007). Persons who feel overwhelmed may believe they are more likely to be socially affected if the lack of perceived social skills is self-evident. Therefore, these feelings point out that feeling overcrowded may combine social fear and impede social functioning, lead to perceptions, and behaviors that lead to interpersonal stress.

Unlike the interaction between social phobia and over-feeling, it did not predict the interaction between social phobia and the neutral attachment of negative interpersonal events. There may be several reasons for this finding. First, there is evidence that neutral attachment does not anticipate negative psychological outcomes after controlling the feeling of being overweight (Anestis & Joiner, 2011; Bryan, Clemans, & Hernandez, 2012; Buitron et al., 2016). Therefore, in line with this growing research body, perhaps neutral attachment to the sense of overhead is a weaker prediction for interpersonal stress, especially when it is controlled for the next variable. Second, given that this study is cross-sectional, the temporary relationships between these variables in the creation of interpersonal stereotypes are uncertain. Neutral attachment cannot exacerbate social phobia at the same time, but instead, it may be a consequence of a subsequent replacement of social phobia with the occurrence of interpersonal affairs associated with negative affiliation.

Finally, contrary to our previous assumptions and research(Antonina S Farmer & Kashdan, 2015), individuals in our sample did not experience less positive interpersonal affairs with higher levels of social phobia. One explanation for this finding is that perhaps individuals in this sample are not as equally as a clinical (clinical) population of social situations, which led to more frequent positive experiences. There may also be more opportunities for undergraduate students in extracurricular activities, organizations and potential reward relationships than among non-undergraduate students who may be more prone to isolation and more socially than

social impact. Similarly, depressive symptoms did not predict a more positive interpersonal affair in our sample. Future researchers should test the role of the sample type and the evolutionary period in this hypothesis.

## CLINICAL IMPLICATIONS (CONCEPTS)

Our findings suggest that social phobia models may need to be addressed with more powerful interpersonal stress. Although abnormal cognitive processes persist for the development and maintenance of social phobia symptoms, interpersonal stress can also be important in combination. The actual occurrence of negative events may aggravate pathological knowledge experienced by individuals with social phobia. As a result, future researchers need to test several possible considerations: whether the occurrence of interpersonal stress, the failure of cognitive restructuring, explain the pathway for treatment, and the way to collaborate (synchronous disorders) with psychopathology. Therefore, it may be useful to think of more integrated models of social phobia that among other non-cognitive structures involves interpersonal stress, which may help to keep abnormal cognitive abilities.

In addition, our finding is that the relationship between social phobia and interpersonal stress among individuals who at the same time experience experiencing social phobia and over-feeling is suggested to experiment specifically with these processes. This finding was in line with the basic article that found the connection between these two structures. Therefore, future researchers should investigate the possible features and implications (concepts) of a relationship between social phobia and over-feeling.

## LIMITATIONS AND FUTURE DIRECTIONS

There are several limitations that you should take when considering the results of this study. Most importantly, this cross-sectional study was conducted and communications were tested simultaneously. In this regard, this study cannot determine whether social phobia overcomes negative interpersonal events over time. It is likely to explain the part of the observed association between social phobia and negative interpersonal affairs with negative interpersonal affairs directed toward increased social phobia. Similarly, it is important to acknowledge the possibility of a two-way relationship between social phobia and over-feeling. In fact, the previous paper showed that the combination of social phobia and interpersonal factors can negatively affect each other in the opposite direction, resulting in a permanent cycle(Alden & Taylor, 2004). Therefore, future longitudinal analysis is necessary to identify the direction of movement (orientation) of observed communications. In addition, longitudinal experiments are needed to test whether interpersonal persistence structures are needed between the relationship between social phobia or depression and the occurrence of interpersonal or negative affective events.

It is also important to acknowledge that higher levels of social phobia, and the interaction between higher levels of social phobia and higher levels of over-feeling, are for a limited amount of diversity described by themselves in all models. Therefore, our ability to draw a conclusion about the magnification of what social phobia contributes to interpersonal stress is bound to some extent. Another limitation is that LES and LEI contain a small number of independent interpersonal positive events to test stress-induced hypotheses that do not foresee higher social phobia levels in these categories of life events. There were also 11 independent interpersonal negative events in comparison with 29 interpersonal affiliated events, which reduced the probability of a significant discovery of negative interpersonal events compared to negative interpersonal events. Although the relationship between social phobia and interpersonal affairs

was the primary focus of the study, the analysis of independent interpersonal negative events to support the theory of stress is also important. Finally, there was a significant larger section of women in the final sample that completed the questionnaire and had a telephone interview related to the initial group that filled in only the questionnaire. This should be considered because it may restrict the generalizability of the findings.

## CONCLUSION

Social phobia can help with high stress and beyond the effects of depression, especially when experienced at the same time as feeling overwhelmed. According to those symptoms, social phobia has been shown to advance, and potential collaboration with depressive symptoms or disorders has been shown(Epkins & Heckler, 2011), interpersonal stress can be a leading advocate for depressive symptoms (concurrent disorder) Future among them is a problem of social phobia. In addition, the production of interpersonal stress may also be a pioneer for more severe outcomes because it was discovered that those who report higher levels of social phobia and overweight are more likely to experience suicidal imagination(Buckner et al., 2017; Chu et al., 2016). Therefore, it may be important for social phobia models to be more potent for interpersonal stress.

## REFERENCES

Alba, Julen, & Calvete, Esther. (2019). Bidirectional Relationships Between Stress, Depressive Symptoms, and Cognitive Vulnerabilities in Adolescents. *Journal of Social and Clinical Psychology, 38*(2), 87-112 .

Alden, Lynn E, & Taylor, Charles T. (2004). Interpersonal processes in social phobia. *Clinical Psychology Review, 24*(7), 857-882 .

Anestis, Michael D, & Joiner, Thomas E. (2011). Examining the role of emotion in suicidality: Negative urgency as an amplifier of the relationship between components of the interpersonal–psychological theory of suicidal behavior and lifetime number of suicide attempts. *Journal of affective disorders, 129*(1-3), 261-269 .

Beautrais, Annette L. (2003). Life course factors associated with suicidal behaviors in young people . *American Behavioral Scientist, 46*(9), 1137-1156 .

Belzer, Kenneth, & Schneier, Franklin R. (2004). Comorbidity of anxiety and depressive disorders: issues in conceptualization, assessment, and treatment. *Journal of Psychiatric Practice®, 10*(5), 296-306 .

Bryan, Craig J, Clemans, Tracy A, & Hernandez, Ann Marie. (2012). Perceived burdensomeness, fearlessness of death, and suicidality among deployed military personnel. *Personality and Individual Differences, 52*(3), 374-379 .

Buckner, Julia D, Lemke, Austin W, Jeffries, Emily R, & Shah, Sonia M. (2017). Social anxiety and suicidal ideation: Test of the utility of the interpersonal-psychological theory of suicide. *Journal of anxiety disorders, 45*, 60-63 .

Buitron, Victor, Hill, Ryan M, Pettit, Jeremy W, Green ,Kelly L, Hatkevich, Claire, & Sharp, Carla. (2016). Interpersonal stress and suicidal ideation in adolescence: An indirect association through perceived burdensomeness toward others. *Journal of Affective Disorders, 190*, 143-149 .

Byrow, Yulisha, Chen, Nigel TM, & Peters, Lorna. (2016). Time course of attention in socially anxious individuals: investigating the effects of adult attachment style. *Behavior therapy, 47*(4), 560-571 .

Byrow, Yulisha, & Peters, Lorna. (2017). The influence of attention biases and adult attachment style on

treatment outcome for adults with social anxiety disorder. *Journal of affective disorders, 217*, 281-288 .

Chu, Carol, Rogers, Megan L, & Joiner, Thomas E. (2016). Cross-sectional and temporal association between non-suicidal self-injury and suicidal ideation in young adults: The explanatory roles of thwarted belongingness and perceived burdensomeness. *Psychiatry research, 246*, 573-580 .

Crosswell, Alexandra D, Suresh, Madhuvanthi, Puterman, Eli, Gruenewald, Tara L, Lee, Jinkook, & Epel, Elissa S. (2018). Advancing Research on Psychosocial Stress and Aging with the Health and Retirement Study: Looking Back to Launch the Field Forward. *The Journals of Gerontology: Series B*. doi: 10.1093/geronb/gby106

Davidson, Collin L, Wingate ,LaRicka R, Grant, DeMond M, Judah, Matthew R, & Mills, Adam C. (2011). Interpersonal suicide risk and ideation: The influence of depression and social anxiety. *Journal of Social and Clinical Psychology, 30*(8), 842-855 .

Eikenæs, Ingeborg, Pedersen, Geir & ,Wilberg, Theresa. (2016). Attachment styles in patients with avoidant personality disorder compared with social phobia. *Psychology and Psychotherapy: Theory, Research and Practice, 89*(3), 245-260 .

Epkins, Catherine C, & Heckler, David R. (2011). Integrating etiological models of social anxiety and depression in youth: Evidence for a cumulative interpersonal risk model. *Clinical Child and Family Psychology Review, 14*(4), 329-376 .

Farmer, Antonina S, & Kashdan, Todd B. (2015). Stress sensitivity and stress generation in social anxiety disorder: A temporal process approach. *Journal of abnormal psychology, 124*(1), 102 .

Farmer, Antonina Savostyanova, & Kashdan, Todd B. (2012). Social anxiety and emotion regulation in daily life: Spillover effects on positive and negative social events. *Cognitive behaviour therapy, 41*(2), 152-162 .

Fung, Klint, & Alden, Lynn E. (2017). Once hurt, twice shy: Social pain contributes to social anxiety. *Emotion, 17*(2), 231 .

Hamilton, Jessica L, Burke, Taylor A, Stange, Jonathan P, Kleiman, Evan M, Rubenstein, Liza M, Scopelliti, Kate A, . . . Alloy, Lauren B. (2017). Trait affect, emotion regulation, and the generation of negative and positive interpersonal events. *Behavior therapy, 48*(4), 435-447 .

Hamilton, Jessica L, Stange, Jonathan P, Shapero, Benjamin G, Connolly, Samantha L, Abramson, Lyn Y, & Alloy, Lauren B. (2013). Cognitive vulnerabilities as predictors of stress generation in early adolescence: Pathway to depressive symptoms. *Journal of Abnormal Child Psycholog*, 41(7), 1027-1039.

Hammen, Constance. (1991). Generation of stress in the course of unipolar depression. *Journal of abnormal psychology, 100*(4), 555 .

Hedman, Erik, Ström, Peter, Stünkel, Angela, & Mörtberg, Ewa. (2013). Shame and guilt in social anxiety disorder: Effects of cognitive behavior therapy and association with social anxiety and depressive symptoms. *PloS one, 8*(4), e61713 .

Heimberg, Richard G, Brozovich, Faith A, & Rapee, Ronald M. (2014). A cognitive-behavioral model of social anxiety disorder *Social Anxiety* (pp. 705-728): Elsevier.

Hill, Ryan M, Del Busto, Cristina T, Buitron, Victor, & Pettit, Jeremy W. (2018). Depressive symptoms and perceived burdensomeness mediate the association between anxiety and suicidal ideation in adolescents. *Archives of suicide research, 22*(4), 555-568 .

Hill, Ryan M, Penner, Francesca, Vanwoorden, Salome, Mellick, William, Kazimi, Iram, & Sharp, Carla. (2019). Interpersonal trust and suicide ideation among adolescent psychiatric inpatients: An indirect effect via perceived burdensomeness. *Suicide and Life-Threatening Behavior, 49*(1), 240-252 .

Hofmann, Stefan G. (2007). Cognitive factors that maintain social anxiety disorder: A comprehensive model and its treatment implications. *Cognitive behaviour therapy, 36(4)193-209.*

Kessler, Ronald C, Stang, Paul, Wittchen, H-U, Stein, M, & Walters, Ellen E. (1999). Lifetime co-morbidities between social phobia and mood disorders in the US National Comorbidity Survey. *Psychological medicine, 29*(3), 555-567 .

Koo, Hoon Jung, Woo, Sungbum, Yang, Eunjoo, & Kwon, Jung Hye. (2015). The double meaning of online social space: Three-way interactions among social anxiety, online social behavior, and offline social behavior. *Cyberpsychology, Behavior, and Social Networking,18(9), 514-520* .

Liu, Richard T, Kraines, Morganne A, Massing-Schaffer, Maya, & Alloy, Lauren B. (2014). Rejection sensitivity and depression: Mediation by stress generation. *Psychiatry: Interpersonal and Biological Processes, 77*(1), 86-97 .

Lundy, Brenda L & ,Drouin, Michelle. (2016). From social anxiety to interpersonal connectedness: Relationship building within face-to-face, phone and instant messaging mediums. *Computers in Human Behavior, 54*, 271-277 .

Morrison, Amanda S, & Heimberg, Richard G. (2013). Social anxiety and social anxiety disorder. *Annual review of clinical psychology, 9*, 249-274 .

Pine, Daniel S, Cohen, Elizabeth, Cohen, Patricia, & Brook, Judith S. (2000). Social phobia and the persistence of conduct problems. *The Journal of Child Psychology and Psychiatry and Allied Disciplines, 41*(5), 657-665 .

Ranta, Klaus, La Greca, Annette M, Kaltiala-Heino, Riittakerttu, & Marttunen, Mauri. (2016). Social phobia and educational and interpersonal impairments in adolescence: A prospective study. *Child Psychiatry & Human Development, 47*(4), 665-677 .

Shahzad, Mian MK, Arevalo, Jesusa M, Armaiz-Pena, Guillermo N, Lu, Chunhua, Stone, Rebecca L, Moreno-Smith, Myrthala, . . . Bottsford-Miller, Justin. (2010). Stress effects on FosB-and interleukin-8 (IL8)-driven ovarian cancer growth and metastasis. *Journal of Biological Chemistry, 285*(46), 35462-35470 .

Silva, Caroline, Ribeiro, Jessica D, & Joiner, Thomas E. (2015). Mental disorders and thwarted belongingness, perceived burdensomeness, and acquired capability for suicide. *Psychiatry Research, 226*(1), 316-327 .

Van Orden, Kimberly A, Witte, Tracy K, Gordon, Kathryn H, Bender, Theodore W, & Joiner Jr, Thomas E. (2008). Suicidal desire and the capability for suicide: Tests of the interpersonal-psychological theory of suicidal behavior among adults. *Journal of consulting and clinical psychology, 76*(1), 72 .

Westenberg, Herman GM. (1998). The nature of social anxiety disorder. *The Journal of clinical psychiatry* .