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### AVAILABILITY OF SOCIAL SUPPORT AND WELL-BEING OF CHRONICALLY ILL-PATIENTS: MODERATING ROLE OF POSITIVE RELIGIOUS COPING AND ENGAGEMENT COPING

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### **Abstract:**

This study worked to explore the direct effect of social assistance and moderation between spiritual approach and engagement coping among depressed patients. This study explored whether the assessments of stressors and managing approaches relate to chronically ill-patients. This thesis also explored the role of stressors specifically, unfortunate self-welfare and attention to one self in the prediction of hopelessness among terminally ill patients. The study used primary data over the period 30 March to 20 July. For the purpose, the study used Calculable Research that included quantifiable data for a quantitative analysis. In the cross-sectional research, the random sampling technique was used for the collection of data and participants were selected from different fields. The Stratification was based on age, gender and program. According to the sampling outcomes, the selected participants were 286, including both males and females out of which 90(32%) were male participants and 196(68%) were female participants. The scales used in this study are Physical Well-Being Scale (PWS), Religious Coping Scale (RCS), Engagement Coping Scale (ECS), Interpersonal Support Evaluation List (ISEL), and Beck Depression Inventory (BDI). And it was found that these variables have a direct effect on depression.

**Keywords:** Social Assistance, Spiritual Approach, Depressed Patients, Self-Welfare, Religious Coping

### Introduction

Long-lasting diseases are growing all over the world, and West Pakistan is no exception to this. Severe illnesses last over a long time, end to end with complications in the physical and emotional functioning of the person. Health discoveries have improved the life expectancy of chronically-ill patients; however, these patients have regulatory problems, emphasizing that specific severe illness foremost matters in modern civilization. Patients of chronic illnesses are accompanied by depression, anxiety, weakness, and intellectual damage in an increasing frequency of survival (Nelson et al., 2007). Chronic patients have one of the common illnesses, which is of depression.

### **Chronically ill patients: Stressors and Distress**

In this study, researchers considered that chronically ill patients have different thoughts and problems related to health, worry about the future and are always depressed, feel lonely, and are hopeless (Ursaru et al., 2014)They are always dependent on others, with less physical functioning(Marini et al., 2011a).

Chronically-ill patients has disturbing alarms related to apprehensions about the lives of others (Udo, 2014), happiness of others, essential to have respectable societal relationships, hope for better future with their partners (Fegg et al., 2005) are more concerned for their kids (Marini et al., 2011b), feel guilty for disturbing their children home environment (Boston et al., 2011), foremost aim regarding the way of sickness disclosure to their families (Houldin & Lewis, 2006).

### **Distress among Patients**



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The study found that patients with chronic illness have physical and psychosocial stressors like severe anxiety attacks, frequent panic attacks, depression, fatigue, nausea, vomiting (Vernooij-Dassen et al., 2005). Patients have been observing their disease indicators as sufferers (Cafferky, n.d.).

Diabetic patients, when examined, have severe emotional distress at initial diagnostics as well as during treatment (Andersen & Elliot, 1993). It is investigated that many stressors among depressed patients, which include mental stress (L. Li et al., 2009), higher levels of loneliness(Vance, n.d.), high-risk psychiatric disorders (Millar, 2012), anxiety, suicidal thoughts(J. T. Moskowitz et al., 2017). Further, it has been found that the diagnosis of depression is associated with suicidal risks, but the hopeless attempt has been testified to have failed after modification to this catastrophe.

### **Distress Screening**

Health professionals use the biomedical model (Thomsen et al., 2012) or bio-psychosocial model (T. Heckman, 2003) to study chronically ill patients.

### Bio-psychosocial model

This model captures that chronic illness is the mixture of 3 things: genetics, behavior, and environment, that interrelated in the physical, emotional, and socio-cultural domains. This is typical, emphasizing health factors like physical, biological, and heritable, which are considered spiritual and socio-cultural factors.

Chronic patients have been observed with tense lives that are related to health and psychosocial stressors, which to the reason it has both psychological and physical signs(Caruso & Breitbart, 2020). Researchers have been using the bio-psychosocial model to learn why chronic illnesses relate to psychosocial factors and symptoms are set aside, linked with partial knowledge of the specialists and less information about patients' desires and coping strategies (Rydahl-Hansen, 2005).

### Bio-medical model

This model has a main focus on the bodily signs of the patient and its side effects and overlooks the psychosocial influences of the chronic disease (Rydahl-Hansen, 2005).

### **Psychosocial Stress Effects**

Chronic patients are not set to manage the problems linked to their sickness. The main tasks for severe patients have to survive and to manage with all deviations that are similar to health appearance and stressors that relate to that, which are not circumscribed to medicine effects, steady stickiness to remedial behavior, non-affordability of treatment costs, illness evolution, dependence and similar problems. Furthermore, the consequential psychosocial hurdles and disgrace are some other factors for chronic patients.

### Stigmatization

"The person who is ineligible and is socially rejected, that state of the individual is known as stigma" (Stuber et al., 2008). The defamed person is "compact in our thoughts from complete and normal being to a stained, reduced person" (Fudge Schormans, 2014).

Due to stigmatization the normal individuality of a person is affected. In the presence of stigma, the other normal traits are overshadowed and the devalued characteristics become powerful which affects the normal lives of the individuals. Stigmatization splits insiders from outsiders on expenses of their defamed characteristics. This difference of insiders from outsiders, actually, describes the significances of the morals about characters that are well-thought-out of nonstandard, and are culturally derived (Lubkin & Larsen,



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2006a).

### **Chronic Illness and Stigma**

Chronic illness can be stigmatizing in different ways like noticeable disabilities such as an cut off limb, by impairing a normal daily routine, regular hospitalizations, more dependent, reduced life expectancy, reduced stamina, are more dependent on remedies, and the impending death it implies (Scandlyn, 2000).

The sequence of a enduring sickness is undefined and limitless in period, generally considered by flashing stages of serious calamity and reduction(Pandey & Shukla, 2014). "Actually, any disease having an unclear cause or ineffectual treatment is suspect" (Pitkänen et al., 2015). Stigma harmfully affects physical and psychological comfort among chronically ill-patients' population.

### The stigma of mental illnesses in rural area

Individuals of rural area are more outdated and tend to be more communist (Triandis, n.d.). Due to devotion for deviation from recognized patterns of conduct and cultural norms, patients of countryside has more trouble in "get into experienced and empathetic health care" (J. J. Heckman et al., 1998) and comparatively more denounced discernment as likened to patients of city areas (Zukoski & Thorburn, 2009). In rural areas affected role have problems related to transportation, counterproductive and discriminatory treatment.

### Impact of social support on chronically ill patients

The superfluous o social support led to healthier and energetic life, and emotional problems are reduced, and quick recoveries from stressors like serious injuries, and debilitating illnesses. Chronic patients has different fears like fear of death, fear of loneliness, and less social support which has more impact of deprivation (Peters-Golden, 1982) and at the same time isolation and loneliness lead to hopelessness about future. Though, sharing disease status with the others report social rejection were treated as repulsive by their social clusters (Herek & Capitanio, 1999).

### Distress and lack of social support

Rejection from social groups has direct association with distress (Goldzweig et al., 2009). Depression has direct effect with limited societal care. Affected role having less public sustenance suffers a lot and are tensed, always seems stressful and experienced many losses like loss of job or relationship and has problems related to neuro-cognition, and hesitate to share their illness status(Goodkin et al., 2004). Chronically ill patients have difficulty in perceived isolation of social resources, as if their social world has been limited (Williams, 2004).

### Self-disclosure and anticipated discrimination

Severe patients are treated differently and they anticipate receiving different treatment (Major et al., 2012). Depressed patients get negative replies along with social assemblies and are socially rejected and they after sharing their illness status. These patients have guilt, blame, fear and escape from the places (Thorne et al., 1996).

### Disengagement coping and less social support

Detachment coping reflects the inspiration directly towards care and struggle to reduce negative emotions. Due to the reason of receiving less social support patients avoid of disclosing their illness as they are rejected and socially disapproved by the other social groups (Kupprat et al., 2015). Patients usually have delay in beginning of medical treatment, as they avoid and have fear of rejection, and to save themselves from anticipated social embarrassment. Studies has found that disease progression increases among ill people who get not as much of care and were worried enough (Leserman et al., 1999).



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#### **Self-disclosure and Socio-cultural factors**

Chronic patients after the disclosure of their disease status have the distress aspects: judgmental occasion, different situations related to the area, effectiveness, and the bond between the person with whom the status has been shared (Greeff, n.d.). It is considered that illness disclosure status is linked with starting of medical treatment.

Idealistic partners(Rutledge, n.d.), and the loved ones (S. C. Kalichman et al.,2003) are well-thought-out as consistent for discussing their problem. Though, discussing their complications with their closer ones seemingly associated with getting more sustenance for them (Steward et al., 2011).

### Benefits of disease disclosure

It is examined that the most important thing after disease disclosure status is starting of medical treatment (Mao et al., 2019). By exposing their illness state has greater importance as early actions are taken for beneficial effects of depressed patients (Eustace & Ilagan, 2010). As, medical staffs are advised for great exertions to set the place more accommodating to enable chronic patients share the issues (Wouters et al., 2013).

#### **Hinderance to Care**

"Stigma can be connected with unfair treatment, however the relative severity of such treatment frequently differs with the degree of severity of the stigmatized state" (Larsen, n.d.). Blockades to care has negative affect on spiritual and physical health among chronically-ill patients (J. J. Heckman & Todd, n.d.). Patients observed negative arrogance in their social nearby and at formal and informal structural levels are examined (Herek et al., 1999). The utmost barricades of such patients have transport problems, problems related to own possessions and the relation between affected role and therapist (J. Heckman et al., 2013). Severe patients are more dependent and are confined in physical functioning. Due to these factors the adjustment gets more complex for the patients and rise their depression and stress (Heckman et al., 2002).

### **Increase in the Distress**

Patients discuss their illness when the symptoms seem more visible. It has been noticed that distress of chronic patients increases when they received negative responses from the surrounding people, treated differently from others and the unprofessional attitude of the therapist (Kelly, 1987).

Patients at preceding stages practice failure in their regular actions, they reflect of themselves as no longer strong life(Rasmussen, 2006), they have no better expectation about their future(Rainbird et al., 2009). Severe patients have to survive and too manage for physical and mental treatment (Chochinov, 2002). Affected role suffers a lot at the terminal stages of the illness (Tarakeshwar, 2006).

### Psychosocial stressors and disease progression

It has been observed that uncontrollability has direct link with immuno-suppression and rise in distress (Herbert & Cohen, 1993). Depressed patients have negative temper states, anxiety, and has adverse effect on the immune system (Vegas et al., 2011). Likewise feelings of hopelessness have been inspected manipulating development and the progression of depression (Gidron, 2013). On the other side, positive effects of intellectual performance and stress management involvement on immune responses have also been examined. Researchers explored and suggested regulating the effects of several treatment stratagems, that is, intellectual and social psychological cures to help patients cope with symptoms (Alici, 2010).



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Numerous psychosocial intrusions, such as awareness of social support and practicing more coping approaches linked with a healthier quality of life (QOL) among patients.

### **Problem Statement**

The COVID-19 pandemic has blown out around the world. The outbreak of COVID-19 affected the lives of all sectors of society as people were requested to self-quarantine in their homes to avoid the spread of the virus. Many universities and colleges suspended classroom teaching due to the new coronavirus pandemic and switched to online teaching. Some cases were observed that depict the prevalence of depression among people, which is one of the chronic diseases/mental states. The use of technology also posed a lot of hindrances. The shift of routine work to online work and the stay-at-home policy have given many challenges to people, as a change in such an abrupt manner was mentally very disturbing. The fear of getting the disease also had profound effects on, masses. The strategy was to save, and other things were secondary. So, a need was felt to study the effect of the COVID-19 lockdown on the performance of public schools and give some insights to future policy making.

### **Hypothesis**

The following are the hypotheses of the study

- H1: The poor physical welfare among chronic patients will be associated with depression.
- H2: The positive religious coping among chronic patients will be inversely associated to depression.
- H3: The engagement coping among chronic patients will be inversely related to depression.

### **Objectives of the Research**

- 1. To examine stress and distress.
- 2. To investigate the moderation effect between the variables of religious coping, engagement coping, and social support.

### **Importance of Study**

The study investigated the moderating role of positive religious coping and engagement coping in poor physical well-being and depression. Perceived availability of social support had a moderating impact on poor physical comfort. These results will help other researchers with their future course of work and the doctors to understand the condition better. Similarly, it gives guidelines to policymakers for coping with such a situation. It also adds to already present research on the topic and becomes part of the theory.

### Literature Review

#### Social sustenance

It is defined as "social relations that afford individuals with definite support or with a feeling of part to a person or group that is alleged as loving or caring" (French et al., 2018). Social support has been recognized as a factor that eradicates undesirable effects of worry among patients (Hays et al., 1992). More care and affection from others reduces the stress level of the chronic patients (S. R. Cohen & Leis, 2002)

### **Bases of support**

Strong relations have been observed, enabling patients in modification to their disease. For the social support to be operative, the benefactor of the sustenance should be significant others.

It is examined an inclination among females to pursue care from different of sources is examined, although males typically rely on their life partners for getting social support(Schulz & Schwarzer, 2004). Because of different gender roles, men are more likely to be independent as compared to women, who are observed



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looking for support from their great networks (Hobfoll, 1998).

#### Satisfaction needs

It has been examined that more patients get love and care from the people who surround them has direct impact on the health of the patient (Sorosky, 1999). Social support reduces the hopelessness and struggle for survival rise among the chronic patients.

### Regulating role of social attention

Excess of support has been studied as a moderator of the suffering level (S. Cohen & Wills, 1985). Patients who experience more social support has healthier life as they receive empathy, encouragement and help (Norris & Kaniasty, 1996). Due to the social support the self-worth, assurance and self-efficacy among the chronic patients increases and they practice better quality of Life (QOL). Morality increases among patients with higher level of social support (Zimmer & Johnson, 1989).

#### **Stress evaluation**

It is investigated that social support has a positive effect on the assessment of stressors (Wills, 1998). Social support assists in eliminating stressful factors (S. Cohen & Janicki-Deverts, 2009b). The protective role of social support has been found in depression and who were in the phase of recovery(Wills&Fegan, 2001). It has been observed that better psychological health among chronic patients is more benefited by increasing social contacts and improvement in the apparent quality of life (Zimmerman, 1989).

### Coping

"According to Lazarus, two processes are involved in the person-environment relationship that is Cognitive Evaluation and Coping. Evaluation is a process which strongminded the extent of a particular transaction or a series of dealings between the process and the environment is assessed that to what extent it is stressful. Coping process stresses through the person-environment relationship and the emotions they produce are managed." (Lazarus, 1988).

### Engagement and disengagement coping approaches

Coping strategies has been divided into engagement and disengagement coping (Sampoornam, 2016). It is not important that these coping strategies will be used(F. Moskowitz, 2004), like affected role use several other techniques like active cognition, or work to reduce the stressor, and helping to reduce anxiety by taking downers (Moos, 1981).

### **Influence of Assignation Surviving with distress**

"Meeting management can involve seeking primary or secondary control over the worrying event." (Major, 2006a). Primary coping includes "It improves the intellect of the individual, regulates the environment and one's reaction, and has direct influence on objective event or condition related to the individual' (Major, 2006b) whereas, secondary coping involves "efforts to adapt to the situation by changing the way one feels about or thinks about the stressful event".

Engagement coping strategies aim to alter the nature of the stressor and to change one's perception, moods, or actions in the direction of the stressor, so as to reduce one's expressive suffering (Heckman et al., 1998). Cases of engagement coping can be observed in lively managing and has main focus on problem solving, optimistic reframing, positive perception about the problem, on the lookout for provision, constructive intelligence, dynamic stratagems, and social acceptance, having a fighting spirit, feeling the reality' as releasing, and participating in helpful actions like reading, melody, intense appearance and



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supplications(Thomsen et al., 2010).

### **Religious Coping**

Religious coping helps in managing severe illness and assists in medicinal treatment (Nietert, 2003). Faith in God's power help patients engage in risky conduct to bring incredible deviations in their physical ailment(Danis, 2008). The affected role have been apparently overlooked by the doctors needs supernatural forces(Schilling, 1999). Chronic patients practice better QOF receiving spiritual support from their surroundings (Balboni et al., 2014). In general, depression is among the few most dreadful conditions that can reach the severe illness stage, requiring high medical treatment with allied side effects. Patients at the terminal stage has visible symptoms and physical limitations.

It is investigated that at assessing poor physical welfare among depressed patients, they are deprived of love and care and is amongst limited most dreadful and stigmatized diseases in this region. Moreover, it is also worth remarking that the mainstream of the research on moderating stress-distress affiliation have been found mostly on engagement coping or social support in western context(S. Cohen & Janicki-Deverts, 2009a). "Hopelessness adversely affects the disease course and quality of life". Psychological distress, poor well-being and low hope have been found associated with poor QOL(Ferrans, 2005).

It emphasizes the need to address the positive effect of religious coping among severe patients and suggested to focus research "not only in the direction of a bodily cure, but also to ways that strengthen the soul and the emotional resiliency of distressed individuals" (Carson et al., 1990).

This research studied moderation between positive religious coping, engagement coping and accessibility of social support in the stress-distress relationship. And will further investigate whether chronic patients will vary with respect to their review of poor physical comfort, disease-related discernment, barriers to care, use of approaches and insight of availability of social support, among the depression patients.

### **Research Methodology**

The study investigated the regulating part of constructive religious coping and engagement coping of the supposed accessibility of social care and comfort among severe patients. The study also examined different stressors and the practice of handling stratagems among chronically ill patients.

It investigated different stressors, viz., poor welfare and blockades to care in the calculation of hopelessness among the affected role. The study used a quantifiable study that included measurable data for a quantitative analysis.

### **Population**

Participants of the research comprise both men and women and were of different fields and are generalized to age as depression is common nowadays because of different reasons but the commonality of all is the COVID-19 Pandemic. The target for the sample was 500, but due to a shortage of time as well as the stressful situation of COVID-19, there were only 286 participants. Out of which 90(32%) were male participants and 196(68%) were female participants.

### Sampling technique

In cross-sectional study, the data collected was through simple random sampling technique in which participants were from different fields like Business & Education, Engineering & Technology, Social Sciences, Arts and Humanities, and Biological & Medical Sciences. The Stratification was based on age, gender, and program. According to the sampling outcomes, the selected participants were 286, including



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both males and females.

### **Research Design and Measurements**

The study used cross-sectional, quantitative, descriptive, and correlational research methods. To gather the required information Survey research design was used as it is more reliable, relevant, and valid.

### **Scales**

### The Physical Well-being Scale (PWS)

The physical welfare scale was used to measure the physical well-being among depressed patients. In this research, 5 items of this scale were taken, ranging from 1(Not at all) to 4(Very much). This scale showed low welfare with a high score and vice versa.

### **Religious Coping Scale (RCS)**

In this research, 6 items of positive religious coping were taken from the scale to measure spiritual strategies among severe patients' role. This scale was valued on a range from 1(Not at all) to 4 (A great deal). This scale reflected a high level of coping with high scores and vice versa.

### **Engagement Coping Scale (ECS)**

In this research 6 items of engagement coping were used to measure the degree of depression. This scale ranges from point 1(strongly disagree) to 4 (strongly agree). This scale stated greater use of engagement coping with high scores vice versa.

### **Interpersonal Support Evaluation List (ISEL)**

In this research 7 items were used to measure apparent accessibility of social care on ISEL Scale. This scale specified high level of apparent accessibility of social support with high scores and vice versa.

### **Beck Depression Inventory (BDI)**

In this scale items were valued on 4 points ratio ranging from 0 (minimum) to 3 (maximum). BDI show high level of depression with high scores and vice versa.

### **Collection of Data**

The researcher made sure all the moral values were considered while collecting data. The researcher took proper permission from the participants and it was assured to them that the information they provided would be confidential and would not be misused. The process was formally commenced on 30 March to 20 July 2021. In a situation like Covid-19, the researcher preferred to collect data via Google Forms and made clear the purpose of this investigation and its possible implications, facts, and consequences.

### **Ethical Consideration**

This researcher, while collecting data from the participants, was very careful regarding moral deliberation that included privacy and concealment. The names of the different fields and places related to participants' personal data were kept secret. Permission was taken directly from the participants.

### **Data Analysis and Interpretation**

This section purposes to share data about the results obtained in this study. In order to examine the collected data, the researcher used descriptive data i.e., mean, standard deviation, skewness, and kurtosis to test the research hypothesis.



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## **Tools for analysis Correlation**

The most common type of correlation coefficient is called Pearson correlation coefficient. It is used for linear relationship between the data. It is found by dividing the co modification of two variables by the product of their standard deviation. In this research to test the correlation among different variables the researcher used Pearson Product Correlation co-efficient and to compute all the statistics IBM SPSS (22 Version) has been used.

### Participants' Demographic Characteristics

In this research, to summarize the demographic characteristics, demographic statistics are used. Data was collected from total no. of 286 participants on the request of the researcher through formal permission.

Table 1: Demographic Information of the Subjects.

Gender	F	%
Male	90	31.5
Female	196	68.5
Age		
14	2	.7
16	2	.7
17	16	2.1
18	18	6.3
19	30	10.5
20	26	9.1
21	26	9.1
22	58	20.3
23	44	15.4
24	14	4.9
25	12	4.2
26	4	1.4
27	4	1.4
28	8	2.8
29	8	2.8
30	4	1.4
31	2	.7
32	2	.7
33	2 2 2 2	.7
34	2	.7
36	2	.7
37	4	1.4
48	2	.7
56	2	.7
58	2	.7
Current Program		
Business & Education	59	20.6
Engineering & Technology	69	24.1
Social sciences, Arts & Humanities	93	32.5
Biological & Medical Sciences	65	22.7

*Note: f=frequency, %=percentage* 



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Table no. 1 shows that 32% participants were male (n=90) and 68% participants were female (n=196). Age range of the participants were from 14 years to 58 years. Participants involved in this research belonged to different fields of Business & Education (21%), Engineering & Technology (24%), Social Sciences, Arts & Humanities (33%) and Biological & Medical Sciences (23%).

Table 2: Descriptive statistics of PWS, RCS, ECS, ISEL and BDI

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Scale	No. Items	of M	SD	S	K	Coefficient Alpha	of
PWS	5	10.51	4.53	.83	28	.86	
RCS	6	20.81	3.33	-1.00	.63	.75	
ECS	6	19.05	3.28	.15	76	.81	
<b>ISEL</b>	7	17.61	3.91	.12	-1.18	.80	
BDI	7	15.69	6.46	.61	56	.89	

Note: PWS=Physical Well-being scale, RCS=Religious Coping Scale, ECS=Engagement Coping Scale,

*ISEL*=Interpersonal Support Evaluation List, *BDI*=Beck Depression Inventory, M=Mean, SD=Standard **Deviation**, S=Skewness, K=Kurtosis

Table no.2 shows that the Cronbach's alpha ( $\alpha$ ) calculated for the PWS is .86 which indicated that it is reliable for the current data, Cronbach's alpha ( $\alpha$ ) calculated for the RCS is .75 which also indicates that it is reliable for the current data, Cronbach's alpha ( $\alpha$ ) for the ECS is .81 which is also reliable for the current data, Cronbach's alpha ( $\alpha$ ) for the ISEL is .80 which is also shows reliability of the data and Cronbach's alpha ( $\alpha$ ) for the BDI is .89 which also indicates reliability of the current data.

**Table 3:** Inter-scale correlation between PWS and BDI

	Total of PWS	Total of BDI
Total of PWS	1	
Total of BDI	.53**	1

<sup>\*\*.</sup> Correlation is significant at the 0.01 level (2-tailed).

Table no.3 shows the Pearson Correlation between PWS and BDI. The value is .53 which is moderate correlation and is positive.

Table 4: Inter scale correlation between RCS and BDI

	Total of RCS	Total of BDI
Total of RCS	1	.18**
Total of BDI	.18**	1

<sup>\*\*.</sup> Correlation is significant at the 0.01 level (2-tailed).

Table no.4 shows the Pearson Correlation between RCS and BDI. The value is .18 which is low correlation and is positive.

Table 5: Inter-scale correlation between ECS and BDI



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	Total of ECS	Total of BDI
Total of ECS	1	.45**
Total of BDI	.45**	1

<sup>\*\*.</sup> Correlation is significant at the 0.01 level (2-tailed).

Table no.5 shows the Pearson Correlation between ECS and BDI. The value is .45, which is a moderate correlation and is positive.

### **Discussion, Conclusion, and Recommendations Discussion**

In this study, the stress-distress relationship among chronic patients is investigated. The significance of the research is the controlling role of constructive spiritual coping and engagement coping in poor welfare and depressed patients.

### **Effects of the Stressors**

In this study poor physical comfort and different stressors is inspected in the prediction of depressed patients. The present outcomes about impact of poor physical comfort on inspected severity of physical signs associated with pain among depressed patients. The present discoveries poor physical comfort shared relatively more discrepancy as the cause of depression. Ordinary result of people's mental skills, limits the societal info as well as knowledges in their lifetime of defamed individuals (Halnon et al., 2001).

Inversely, usage of positive coping efforts in spite of one's stigmatized features have been inspected related to pleasure, happy, high confidence, flexibility to negative experiences and high-level act. Likewise, usage of pious surviving has been discovered linked with low level of suffering among depressed patients.

### **Moderating Effects**

In addition, this research also considered the regulating properties to cope up with constructive divine, involvement and accessibility of social provision in stress-distress relationship among patients. The moderating role was observed in the distress that anticipated self-justifying effects among poor physical well-being and depression.

This study observed controlling between stress-distress relationship among patients. This outcome studied seeking social support related with healthier QOL.

### Conclusion

Noteworthy key effects were found for poor welfare, engagement coping, encouraging religious coping and readiness of social support among depressed patients. Generally, male and female patients in the evaluation of poor welfare and barriers to care in using coping strategies. Countryside patients were high in the discernment of poor wellbeing and blockades to care as compared to city side patients. Variances were more understandable when patients were appraised across illness phases.

### Recommendations

The results of the study recommend that comfort authorities need to give owed care to the related matters, though exercise stratagems for severe patients. Patients with different demographics are visible to different



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stressors, so, similar interferences might not be functioning in controlling suffering of affected role with different features, precisely stage of illness, gender and age.

The current study recommends counselor to bounce importance to divine care of the affected role that has been reduced by the specialists. It has been prior suggested to contribute pious beliefs in emotional treatments.

They might be more informed to the opposing influences of awareness of illness-related judgement, blockades to care, and absence of social provision on the prime of coping policies among the patients, as persons observing lack of social sustenance using detachment approaches, specifically; social rejection, nonadherence to the therapeutic action etc. The stratagems directly or indirectly contribute in the direction of the quicker development of their disease.

Over-all public might be alerted to the condition that lenient and manageable situation regulates person capacity to access facilities, and observance to medicine, that lessens the painful illness but also suspensions the evolution of illness.

Concluded that the average of psycho-drama, profitable pictures, dramatic concert, biographies, talk shows, and all that, crowds need to be alerted to the opposing effects of stigmatization, and helpful influences of social care on the emotional and welfare of the affected role.

### References

- Ahmedani, B. K. (2011). Mental Health Stigma: Society, Individuals, and the Profession. *Journal of Social Work Values and Ethics*, 8(2), 4-1-4-16.
- Alici, H. (2010). Predictors of psychological distress in advanced cancer patients under palliative treatments—Diaz-Frutos—2016—European Journal of Cancer Care—Wiley Online Library. https://onlinelibrary.wiley.com/doi/abs/10.1111/ecc.12521
- Andersen, B. L., & Elliot, M. L. (1993). Sexuality for women with cancer: Assessment, theory, and treatment. *Sexuality and Disability*, 11(1), 7–37. https://doi.org/10.1007/BF01102307
- Annandale, E. (1998). *The sociology of health and medicine: A critical introduction*. Polity Press; Blackwell Publishers.
- Bairan, A., Taylor, G., Blake, B., Akers, T., Sowell, R., & Mendiola, R. (2007). A Model of HIV Disclosure: Disclosure and Types of Social Relationships. *Journal of the American Academy of Nurse Practitioners*, 19, 242–250. https://doi.org/10.1111/j.1745-7599.2007.00221.x
- Balboni, M., Puchalski, C., & Peteet, J. (2014). The Relationship between Medicine, Spirituality and Religion: Three Models for Integration. *Journal of Religion and Health*, 53. https://doi.org/10.1007/s10943-014-9901-8
- Berjot, S., & Gillet, N. (2011). Stress and Coping with Discrimination and Stigmatization. *Frontiers in Psychology*, 2, 33. https://doi.org/10.3389/fpsyg.2011.00033
- Blinderman, C., & Cherny, N. (2005). Existential issues do not necessarily result in existential suffering: Lessons from cancer patients in Israel. *Palliative Medicine*, 19, 371–380. https://doi.org/10.1191/0269216305pm10380a
- Boston, P., Bruce, A., & Schreiber, R. (2011). Existential Suffering in the Palliative Care Setting: An Integrated Literature Review. *Journal of Pain and Symptom Management*, 41(3), 604–618. https://doi.org/10.1016/j.jpainsymman.2010.05.010



- Boyle, L. (1978). The spiritual dimension: Its importance to patients' health, well-being and quality of life and its implications for nursing practice—ScienceDirect. https://www.sciencedirect.com/science/article/abs/pii/002074899500007K
- Brooks, S. M., & Spencer, T. (2014). Importance of decadal scale variability in shoreline response: Examples from soft rock cliffs, East Anglian coast, UK. *Journal of Coastal Conservation*, 18(5), 581–593. https://doi.org/10.1007/s11852-013-0279-7
- Burgess, P., Veitch, E., Costello, A., & Shallice, T. (2000). The cognitive and neuroanatomical correlates of multitasking. *Neuropsychologia*, *38*, 848–863. https://doi.org/10.1016/S0028-3932(99)00134-7
- Cafferky, J. (n.d.). How do 16-18-year-old adolescents experience and respond to parental terminal illness and death? An Interpretative Phenomenological Analysis. 160.
- Caruso, R., & Breitbart, W. (2020). Mental health care in oncology. Contemporary perspective on the psychosocial burden of cancer and evidence-based interventions. *Epidemiology and Psychiatric Sciences*, 29, e86. https://doi.org/10.1017/S2045796019000866
- Case, T., & Williams, K. (2004). Ostracism: A Metaphor for Death.
- Chochinov. (2002). *Dignity in the terminally ill: A cross-sectional, cohort study—PubMed*. https://pubmed.ncbi.nlm.nih.gov/12504398/
- clark, M. (1989). Simple and Rapid F+ Coliphage Culture, Latex Agglutination, and Typing Assay To Detect and Source Track Fecal Contamination | Applied and Environmental Microbiology. https://journals.asm.org/doi/full/10.1128/AEM.02546-06
- Clayton, J. M., Butow, P. N., Arnold, R. M., & Tattersall, M. H. N. (2005). Fostering coping and nurturing hope when discussing the future with terminally ill cancer patients and their caregivers. *Cancer*, 103(9), 1965–1975. https://doi.org/10.1002/cncr.21011
- Coates, B. (2000). Patterns over time in quality of life, coping and psychological adjustment in late stage melanoma patients: An application of multilevel models | SpringerLink. https://link.springer.com/article/10.1023/A:1008995814965
- Cohen, S., & Janicki-Deverts, D. (2009a). Can We Improve Our Physical Health by Altering Our Social Networks? *Perspectives on Psychological Science*, 4(4), 375–378. https://doi.org/10.1111/j.1745-6924.2009.01141.x
- Cohen, S., & Janicki-Deverts, D. (2009b). Can We Improve Our Physical Health by Altering Our Social Networks? *Perspectives on Psychological Science: A Journal of the Association for Psychological Science*, 4(4), 375–378. https://doi.org/10.1111/j.1745-6924.2009.01141.x
- Cohen, S. R., & Leis, A. (2002). What determines the quality of life of terminally ill cancer patients from their own perspective? *Journal of Palliative Care*, 18(1), 48–58.
- Cohen, S., & Wills, T. A. (1985). Stress, social support, and the buffering hypothesis. *Psychological Bulletin*, *98*(2), 310–357. https://doi.org/10.1037/0033-2909.98.2.310
- Compas, B. E., Jaser, S. S., Dunbar, J. P., Watson, K. H., Bettis, A. H., Gruhn, M. A., & Williams, E. K. (2014). Coping and Emotion Regulation from Childhood to Early Adulthood: Points of Convergence and Divergence. *Australian Journal of Psychology*, 66(2), 71–81. https://doi.org/10.1111/ajpy.12043
- Davidson, A. R., Jaccard, J. J., Triandis, H. C., Morales, M. L., & Diaz-Guerrero, R. (1976). Cross-cultural model testing: Toward a solution of the etic-emic dilemma. *International Journal of Psychology*, 11(1), 1–13. https://doi.org/10.1080/00207597608247343
- Emrich, C. (2007). *Interkulturelles Marketing-Management: Erfolgsstrategien, Konzepte, Analysen*. Springer-Verlag.
- Fawzy, A. (1993, 1992). *Biobehavioral Outcomes Following Psychological Interventions for Cancer Patients*. https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2151208/



- Fegan, W. (2001). (PDF) Stress, Social Support, and Health Among College Students After September 11, 2001. https://www.researchgate.net/publication/37160754\_Stress\_Social\_Support\_and\_Health\_Among College Students After September 11 2001
- Fegg, M., Wasner, M., Neudert, C., & Borasio, G. (2005). Personal Values and Individual Quality of Life in Palliative Care Patients. *Journal of Pain and Symptom Management*, 30, 154–159. https://doi.org/10.1016/j.jpainsymman.2005.02.012
- Ferrans. (2005). *Conceptual model of health-related quality of life—PubMed*. https://pubmed.ncbi.nlm.nih.gov/16396406/
- French, K., Dumani, S., Allen, T., & Shockley, K. (2018). A Meta-Analysis of Work-Family Conflict and Social Support. *Psychological Bulletin*, *144*, 284–314. https://doi.org/10.1037/bul0000120
- Fudge Schormans, A. (2014). Stigmatization. In A. C. Michalos (Ed.), *Encyclopedia of Quality of Life* and Well-Being Research (pp. 6336–6341). Springer Netherlands. https://doi.org/10.1007/978-94-007-0753-5 2871
- Gidron, Y. (2013). Hopelessness. In M. D. Gellman & J. R. Turner (Eds.), *Encyclopedia of Behavioral Medicine* (pp. 980–981). Springer. https://doi.org/10.1007/978-1-4419-1005-9 1420
- Goldzweig, C. L., Towfigh, A., Maglione, M., & Shekelle, P. G. (2009). Costs and benefits of health information technology: New trends from the literature. *Health Affairs (Project Hope)*, 28(2), w282-293. https://doi.org/10.1377/hlthaff.28.2.w282
- Goodkin, K., Baldewicz, T. T., Blaney, N. T., Asthana, D., Kumar, M., Shapshak, P., Leeds, B., Burkhalter, J. E., Rigg, D., Tyll, M., Cohen, J., & Zheng, W. L. (2004). *Physiological effects of bereavement and bereavement support group interventions*. 671–703.
- Halnon, K., Heatherton, T., Kleck, R., Hebl, M., & Hull, J. (2001a). The Social Psychology of Stigma. *Contemporary Sociology*, 30, 484. https://doi.org/10.2307/3089335
- Harden, C., Rea, H., Buchanan-Perry, I., Gee, B., & Johnson, A. (2020). A Multidisciplinary Educational Approach for Children With Chronic Illness: An Intervention Case Study. *Continuity in Education*, *I*(1), 8–21. https://doi.org/10.5334/cie.2
- Hays. (1992). (PDF) The RAND-36 Measure of Health-Related Quality of Life. https://www.researchgate.net/publication/11852513\_The\_RAND-36\_Measure\_of\_Health-Related\_Quality\_of\_Life
- Heckman, J. J., Ichimura, H., & Todd, P. (1998). Matching As An Econometric Evaluation Estimator. *Review of Economic Studies*, 65(2), 261–294. https://doi.org/10.1111/1467-937X.00044
- Heckman, J. J., & Todd, P. E. (n.d.). A Note on Adapting Propensity Score Matching and Selection Models to Choice Based Samples. 12.
- Heckman, J., Pinto, R., & Savelyev, P. (2013). Understanding the Mechanisms Through Which an Influential Early Childhood Program Boosted Adult Outcomes. *The American Economic Review*, 103(6), 2052–2086.
- Herbert, T. B., & Cohen, S. (1993). Depression and immunity: A meta-analytic review. *Psychological Bulletin*, *113*(3), 472–486. https://doi.org/10.1037/0033-2909.113.3.472
- Hobfoll, S. E. (1998). *Stress, culture, and community: The psychology and philosophy of stress* (pp. xvi, 296). Plenum Press. https://doi.org/10.1007/978-1-4899-0115-6
- Holland, J., & Alici, Y. (2010). Management of distress in cancer patients. *The Journal of Supportive Oncology*, 8, 4–12.
- Ironson, S. (2001). *Health psychology: Psychosocial and biobehavioral aspects of chronic disease management—PubMed.* https://pubmed.ncbi.nlm.nih.gov/11148317/



- Jones. (1984). (PDF) Review of Social stigma—The psychology of marked relationships. https://www.researchgate.net/publication/248825242\_Review\_of\_Social\_stigma—The psychology of marked relationships
- Kerr, N. (1987). B. W. Duldt and K. Griffin (1985). Theoretical Perspectives For Nursing. Boston: Little, Brown and Company, 267 pp., \$18.95 (softcover). https://doi.org/10.1002/NUR.4770100112
- Ladd, K., & Mcintosh, D. (2008). Meaning, God, and prayer: Physical and metaphysical aspects of social support. *Mental Health, Religion & Culture, 11*, 23–38. https://doi.org/10.1080/13674670701475053
- Larsen, L. (n.d.). Lubkin's Chronic Illness: Impact and Intervention: 9781284128857: Medicine & Health Science Books @ Amazon.com. Retrieved July 31, 2021, from https://www.amazon.com/Lubkins-Chronic-Illness-Impact-Intervention/dp/1284128857
- Lazarus, F. (1988). *Coping as a mediator of emotion. PsycNET*. https://psycnet.apa.org/record/1988-16864-001
- Leserman, J., Jackson, E. D., Petitto, J. M., Golden, R. N., Silva, S. G., Perkins, D. O., Cai, J., Folds, J. D., & Evans, D. L. (1999). Progression to AIDS: The effects of stress, depressive symptoms, and social support. *Psychosomatic Medicine*, 61(3), 397–406. https://doi.org/10.1097/00006842-199905000-00021
- Leserman, J., Petitto, J. M., Perkins, D. O., Folds, J. D., Golden, R. N., & Evans, D. L. (1997). Severe stress, depressive symptoms, and changes in lymphocyte subsets in human immunodeficiency virus-infected men. A 2-year follow-up study. *Archives of General Psychiatry*, *54*(3), 279–285. https://doi.org/10.1001/archpsyc.1997.01830150105015
- lester. (n.d.). The mediating role of psychological contract violation on the relations between psychological contract breach and work-related attitudes and behaviors | Emerald Insight.

  Retrieved July 31, 2021, from https://www.emerald.com/insight/content/doi/10.1108/02683940910928856/full/html
- Li, J., Carlson, B. E., & Lacis, A. A. (2009). A study on the temporal and spatial variability of absorbing aerosols using Total Ozone Mapping Spectrometer and Ozone Monitoring Instrument Aerosol Index data. *Journal of Geophysical Research*, 114(D9), D09213. https://doi.org/10.1029/2008JD011278
- Lubkin, I. M., & Larsen, P. D. (2006a). *Chronic illness: Impact and interventions*. Jones & Bartlett Learning.
- Luszczynska, A., Sarkar, Y., & Knoll, N. (2007). Received social support, self-efficacy, and finding benefits in disease as predictors of physical functioning and adherence to antiretroviral therapy. *Patient Education and Counseling*, 66(1), 37–42. https://doi.org/10.1016/j.pec.2006.10.002
- Major, B. (2006a). New Perspectives on Stigma and Psychological Well-Being. In *Stigma and group inequality: Social psychological perspectives* (pp. 193–210). Lawrence Erlbaum Associates Publishers.
- Major, B. (2006b). New Perspectives on Stigma and Psychological Well-Being. In *Stigma and group inequality: Social psychological perspectives* (pp. 193–210). Lawrence Erlbaum Associates Publishers.
- Major, B., Eliezer, D., & Rieck, H. (2012). The Psychological Weight of Weight Stigma. *Social Psychological and Personality Science*, 3(6), 651–658. https://doi.org/10.1177/1948550611434400
- Marini, D. I., Glover-Graf, N. M., & Millington, M. J. (2011b). *Psychosocial Aspects of Disability: Insider Perspectives and Strategies for Counselors*. Springer Publishing Company.



- McCallion, P. (2021). *End-of-Life Care Among Older Minorities*. Springer Publishing Company. https://connect.springerpub.com/content/book/978-0-8261-0964-4/part/part03/chapter/ch16
- Millington, M. J., Jenkins, B. C., & Cottone, R. R. (2015). Finding the family in rehabilitation counseling. In *Families in rehabilitation counseling: A community-based rehabilitation approach* (pp. 1–20). Springer Publishing Company.
- Moos, B. (1981). The role of coping responses and social resources in attenuating the stress of life events | SpringerLink. https://link.springer.com/article/10.1007/BF00844267
- Moskowitz, F. (2004). *Coping: Pitfalls and promise—PubMed.* https://pubmed.ncbi.nlm.nih.gov/14744233/
- Nelson, C., Nandy, N., & Roth, A. (2007). Nelson CJ, Nandy N, Roth AJChemotherapy and cognitive deficits: Mechanisms, findings, and potential interventions. Palliat Support Care 5: 273-280. *Palliative & Supportive Care*, 5, 273–280. https://doi.org/10.1017/S1478951507000442
- Nicolussi, A. C., & Sawada, N. O. (2010). Fatores que influenciam a qualidade de vida de pacientes com câncer de cólon e reto. *Acta Paulista de Enfermagem*, 23(1), 125–130. https://doi.org/10.1590/S0103-21002010000100020
- Nietert, J. (2003). *Religion and Spirituality in Surrogate Decision Making for Hospitalized Older Adults*. https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4779068/
- Nordin & Glimelius, C. (1998, 2002). Biopsychosocial Assessment in Clinical Health Psychology—Books. Google

  Books. https://books.google.com.pk/books?id=RjL2BQAAQBAJ&pg=PA169&lpg=PA169&dq=(Cohen,+2002;+Nordin+%26+Glimelius,+1998)&source=bl&ots=NDOg00JecZ&sig=ACfU3U2PM26e82IEPGfhUVzmJpJnTj15-A&hl=en&sa=X&ved=2ahUKEwiiobGFppLyAhWH6aQKHRYVD0AQ6AEwBnoECBQQAw#v=onepage&q=(Cohen%2C%202002%3B%20Nordin%20%26%20Glimelius%2C%201998)&f=false
- Norris, F. H., & Kaniasty, K. (1996). Received and perceived social support in times of stress: A test of the social support deterioration deterrence model. *Journal of Personality and Social Psychology*, 71(3), 498–511. https://doi.org/10.1037/0022-3514.71.3.498
- O'Brien, M. (2005). System-Justifying Beliefs and Psychological Well-Being: The Roles of Group Status and Identity—Laurie T. O'Brien, Brenda Major, 2005. https://journals.sagepub.com/doi/10.1177/0146167205278261
- Ohlen. (2002). Nurses' perceptions of quality end-of-life care on an acute medical ward—Thompson—2006—Journal of Advanced Nursing—Wiley Online Library. https://onlinelibrary.wiley.com/doi/10.1111/j.1365-2648.2006.03712.x
- Pargament. (1990). (PDF) God Help Me: (I): Religious Coping Efforts as Predictors of the Outcomes to Significant Negative Life Events. https://www.researchgate.net/publication/226778959\_God\_Help\_Me\_I\_Religious\_Coping\_E fforts as Predictors of the Outcomes to Significant Negative Life Events
- Pelto, P. J. (1968). The differences between "tight" and "loose" societies. *Trans-Action*, 5(5), 37–40. https://doi.org/10.1007/BF03180447
- Perczek. (2002). RACE, COPING STRATEGIES, AND SUBSTANCE USE BEHAVIORS: A PRELIMINARY ANALYSIS EXAMINING WHITE AND AMERICAN INDIAN ADOLESCENTS. https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3971635/
- Pitkänen, A., Kontio, R., Lahti, M., Katajisto, J., & Välimäki, M. (2015). The Impact of an eLearning Course on Nurses' Attitudes towards Mental Illness. *Open Journal of Nursing*, 05(11), 1004–1011. https://doi.org/10.4236/ojn.2015.511107



- Power, J. D., Cohen, A. L., Nelson, S. M., Wig, G. S., Barnes, K. A., Church, J. A., Vogel, A. C., Laumann, T. O., Miezin, F. M., Schlaggar, B. L., & Petersen, S. E. (2011). Functional network organization of the human brain. *Neuron*, 72(4), 665–678. https://doi.org/10.1016/j.neuron.2011.09.006
- Ransom, P. (2005, 2002). (PDF) Individual differences in adolescent health symptoms: The effects of gender and coping. https://www.researchgate.net/publication/7815684\_Individual\_differences\_in\_adolescent\_he alth symptoms The effects of gender and coping
- Rebbeck, T. R., Weber, A. L., Spangler, E., & Zeigler-Johnson, C. M. (2013). What stresses men? Predictors of perceived stress in a population-based multi-ethnic cross sectional cohort. *BMC Public Health*, *13*, 113. https://doi.org/10.1186/1471-2458-13-113
- Reker, G., & Wong, P. (1984). Psychological and Physical Well-Being in the Elderly: The Perceived Well-Being Scale (PWB). *Canadian Journal on Aging*, 23–32. https://doi.org/10.1017/S0714980800006437
- Rutledge. (2007). Predicting High Physical Function in People With Fibromyalgia—Rutledge—2007—Journal of Nursing Scholarship—Wiley Online Library. https://sigmapubs.onlinelibrary.wiley.com/doi/abs/10.1111/j.1547-5069.2007.00187.x
- Rydahl-Hansen, S. (2005). Hospitalized patients experienced suffering in life with incurable cancer. Scandinavian Journal of Caring Sciences, 19, 213–222. https://doi.org/10.1111/j.1471-6712.2005.00335.x
- Sampoornam, W. (2016). Coping to Alleviate Stress and Improve Quality of Life among Breast Cancer Patients. *International Journal of Nursing Education and Research*, 4(4), 427. https://doi.org/10.5958/2454-2660.2016.00077.6
- Schilling, E. (1999). Biopsychosocial-Spiritual Model for the Care of Patients at the End of Life | The Gerontologist | Oxford Academic. https://academic.oup.com/gerontologist/article/42/suppl 3/24/569213
- Schneiderman, N., Ironson, G., & Siegel, S. D. (2005). STRESS AND HEALTH: Psychological, Behavioral, and Biological Determinants. *Annual Review of Clinical Psychology*, *1*, 607–628. https://doi.org/10.1146/annurev.clinpsy.1.102803.144141
- Schulz, U., & Schwarzer, R. (2004). Long-Term Effects of Spousal Support on Coping with Cancer After Surgery. *Journal of Social and Clinical Psychology*, 23(5), 716–732. https://doi.org/10.1521/jscp.23.5.716.50746
- Sears. (2007). The co-occurrence of adolescent boys' and girls' use of psychologically, physically, and sexually abusive behaviours in their dating relationships | Request PDF. https://www.researchgate.net/publication/6901588\_The\_co-occurrence\_of\_adolescent\_boys'\_and\_girls'\_use\_of\_psychologically\_physically\_and\_sexually abusive behaviours in their dating relationships
- Smith, H. (2002, 2000). (PDF) Long-Term Effects of Spousal Support on Coping with Cancer After Surgery. https://www.researchgate.net/publication/251439351\_Long-Term Effects of Spousal Support on Coping with Cancer After Surgery
- Sorosky, L. (1999). A social–cognitive processing model of emotional adjustment to cancer. PsycNET. https://psycnet.apa.org/record/2001-00682-006
- Stuber, J., Meyer, I., & Link, B. (2008). Stigma, prejudice, discrimination and health. *Social Science & Medicine* (1982), 67(3), 351–357. https://doi.org/10.1016/j.socscimed.2008.03.023
- Swindells, L. (1991, 1999). Promoting Adaptive Coping by Persons with HIV Disease: Evaluation of a Patient/Partner Intervention Model. https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2743914/



- Tarakeshwar, F. (2006, 1994). Religious coping among caregivers of terminally ill cancer patients:

  Main effects and psychosocial mediators—PubMed.

  https://pubmed.ncbi.nlm.nih.gov/16908470/
- Thoits, P. A. (1986). Social support as coping assistance. *Journal of Consulting and Clinical Psychology*, 54(4), 416–423. https://doi.org/10.1037/0022-006X.54.4.416
- Thomsen, T. G., Hansen, S. R., & Wagner, L. (2012). Prioritising, downplaying and self-preservation: Processes significant to coping in advanced cancer patients. *Open Journal of Nursing*, 2(2), 720–726. https://doi.org/10.4236/ojn.2012.22009
- Triandis, H. C. (n.d.). The Self and Social Behavior in Differing Cultural Contexts. 15.
- Triandis, H. C. (1972). The analysis of subjective culture (pp. xii, 383). Wiley-Interscience.
- Triandis, H. C. (1989). The self and social behavior in differing cultural contexts. *Psychological Review*, 96(3), 506–520. https://doi.org/10.1037/0033-295X.96.3.506
- Udo, C. (2014). The concept and relevance of existential issues in nursing. *European Journal of Oncology Nursing: The Official Journal of European Oncology Nursing Society*, 18. https://doi.org/10.1016/j.ejon.2014.04.002
- University, C. M. (n.d.). *Social Support—Gender, Relationships, and Health Lab—Carnegie Mellon University*. Retrieved July 31, 2021, from https://www.cmu.edu/dietrich/psychology/gender-relationships-health/publications/articles/social-support.html
- Ursaru, M., Crumpei, I., & Crumpei, G. (2014). Quality of Life and Religious Coping in Women with Breast Cancer. *Procedia Social and Behavioral Sciences*, 114, 322–326. https://doi.org/10.1016/j.sbspro.2013.12.705
- Vance, R. J. (n.d.). Employee Engagement and Commitment. 53.
- Vegas, O., Garmendia, L., Arregi, A., & Azpiroz, A. (2011). Effects of Social Stress on Immunomodulation and Tumor Development. https://doi.org/10.5772/18817
- Vernooij-Dassen, M., Osse, B., Schadé, E., & Grol, R. (2005). Patient Autonomy Problems in Palliative Care: Systematic Development and Evaluation of a Questionnaire. *Journal of Pain and Symptom Management*, 30, 264–270. https://doi.org/10.1016/j.jpainsymman.2005.03.010
- Watakakosol, R. (n.d.). Of the requirements for the degree. 121.
- White, M., & Dorman, S. M. (2001). Receiving social support online: Implications for health education. *Health Education Research*, *16*(6), 693–707. https://doi.org/10.1093/her/16.6.693
- Wills&Fegan, R. (2001, 1994). (PDF) Health Psychology: Psychological Adjustment to Chronic Disease.
  - $https://www.researchgate.net/publication/6858444\_Health\_Psychology\_Psychological\_Adjustment\_to\_Chronic\_Disease$
- Wilson, B. (2007a). Religions | Free Full-Text | Spiritual Distress in Cancer Patients: A Synthesis of Qualitative Studies | HTML. https://www.mdpi.com/2077-1444/9/10/285/htm
- Wilson, B. (2007b). The Nature of Suffering and its Relief in the Terminally Ill: A Qualitative Study | Request PDF. https://www.researchgate.net/publication/8573811\_The\_Nature\_of\_Suffering\_and\_its\_Relief \_\_in\_the\_Terminally\_Ill\_A\_Qualitative\_Study
- Winterling. (2006). (PDF) Psychological therapies for people with borderline personality disorder. https://www.researchgate.net/publication/230678740\_Psychological\_therapies\_for\_people\_w ith\_borderline\_personality\_disorder
- Wouters, P., van Nimwegen, C., van Oostendorp, H., & van der Spek, E. D. (2013). A meta-analysis of the cognitive and motivational effects of serious games. *Journal of Educational Psychology*, 105(2), 249–265. https://doi.org/10.1037/a0031311



- Wright, A. A., Zhang, B., Ray, A., Mack, J. W., Trice, E., Balboni, T., Mitchell, S. L., Jackson, V. A., Block, S. D., Maciejewski, P. K., & Prigerson, H. G. (2008). Associations between end-of-life discussions, patient mental health, medical care near death, and caregiver bereavement adjustment. *JAMA*, 300(14), 1665–1673. https://doi.org/10.1001/jama.300.14.1665
- Zimet, G. D., Dahlem, N. W., Zimet, S. G., & Farley, G. K. (1988). The Multidimensional Scale of Perceived Social Support. *Journal of Personality Assessment*, 52(1), 30–41. https://doi.org/10.1207/s15327752jpa5201 2
- Zimmer, T. J., & Johnson, K. A. (1989). Subtalar dislocations. *Clinical Orthopaedics and Related Research*, 238, 190–194.
- Zimmerman, V. (1989). "In Sickness and in Health": Patterns of Social Support and Undermining in Older Married Couples—Amiram D. Vinokur, Diane Vinokur-Kaplan, 1990. https://journals.sagepub.com/doi/10.1177/089826439000200205