

## DAFTAR PUSTAKA

- Abidin, M. Z., Siswanto, S., & Prasetyo, A. (2020). The Influence Spiritual Emotional Freedom Technique (SEFT) Therapy To Decrease The Intensity Of Post Operative Pain In Major Surgery Patients In Hospital Dr . R. Soeprapto Cepu. *Jurnal Studi Kependidikan Keperawatan*, 1(2), 12–16. <https://doi.org/10.31983/j-sikep.v1i2.6352>
- Afifah. (2016). *Pengukuran Kuantitas Nyeri*. 1(1), 1–6.
- Aggarwal, P. (2014). Cervical cancer: Can it be prevented? *World Journal of Clinical Oncology*, 5(4), 775–780. <https://doi.org/10.5306/wjco.v5.i4.775>
- Akechi, T., Okuyama, T., Onishi, J., Morita, T., & Furukawa, T. A. (2018). Psychotherapy for depression among incurable cancer patients. *Cochrane Database Syst Rev*, 2018(11). <https://doi.org/10.1002/14651858.CD005537.PUB3>
- Ambarwati, F. R. (2014). *Konsep Kebutuhan Dasar Manusia*. Dua Satria Offset.
- American Cancer Society. (2015). Cancer Facts & Figures. In *Jiegou Huaxue* (Vol. 30, Issue 6). Atlanta, American Cancer Society.
- Ancok, D., & Suroso, F. N. (1994). *Psikologi Islam*. Pustaka Pelajar.
- Ardiyyani1, M. F. (2014). *PENYULUHAN SPIRITUAL EMOTIONAL FREEDOM TECHNIQUE ( SEFT ) SEBAGAI SOLUSI KESEHATAN PADA WARGA DUSUN*. 3(3), 201–205.
- Arends, M. J., Buckley, C. H., & Wells, M. (1998). *Aetiology , pathogenesis , and pathology of cervical neoplasia*. 96–103.
- Artha, I. P. W. (2018). Analisis Faktor-Faktor Yang Mempengaruhi Intensitas Nyeri Pasien Proses Bedah Abdomen dalam Konteks Asuhan Keperawatan di RSUD Badung Bali. *Jurnal Dunia Kesehatan*, 5(1).
- Asmawati, Ikhlasia, M., & Panduragan, S. L. (2020). The effect of Spiritual Emotional Freedom Technique (SEFT) therapy on the anxiety of NAPZA (narcotics, psychotropic, and other addictive substances) residents. *Enfermeria Clinica*, 30, 206–208. <https://doi.org/10.1016/j.enfccli.2019.11.055>
- Asriati, Bahar, B., & Abdullah, A. Z. (2015). *Hubungan Early Childhood Caries (ECC) dengan Asupan Makanan dan Status Gizi Anak Usia 3-5 Tahun*.
- Bach, D., Groesbeck, G., Stapleton, P., Sims, R., Blickheuser, K., & Church, D. (2019). Clinical EFT (Emotional Freedom Techniques) Improves Multiple Physiological Markers of Health. *J Evid Based Integr Med*, 24, 1–12.

<https://doi.org/10.1177/2515690X18823691>

- Baetz, M., & Bowen, R. (2008). Chronic pain and fatigue: Associations with religion and spirituality. *Pain Research and Management*, 13(5), 383–388. <https://doi.org/10.1155/2008/263751>
- Bahrudin, M. (2017). Patofisiologi Nyeri. *Volume 13 Nomor 1*, 7–13.
- Baral, P., Udit, S., & Chiu, I. M. (2019). Pain and Immunity: Implications for Host Defence. *Nature Reviews Immunology*, 19(7), 433–447. <https://doi.org/10.1038/s41577-019-0147-2>
- Basbaum, A. I., Bautista, D. M., Scherrer, G., & Julius, D. (2009). Cellular and Molecular Mechanisms of Pain. *NIH Public Access*, 139(2), 267–284. <https://doi.org/10.1681/ASN.2015070740>
- Beck, S. L., Dudley, W. N., & Barsevick, A. (2005). Pain, Sleep Disturbance, and Fatigue in Patients with Cancer: Using a Mediation Model to Test a Symptom Cluster. *Oncology Nursing Forum*, 32(3), 542.
- Bhatla, N., Aoki, D., Sharma, D. N., & Sankaranarayanan, R. (2021). Cancer of the cervix uteri: 2021 update. *International Journal of Gynecology and Obstetrics*, 155(S1), 28–44. <https://doi.org/10.1002/ijgo.13865>
- Black, R. E., Allen, L. H., Bhutta, Z. A., Coufield, L. E., Onis, M. de, Ezzati, M., Mathers, C., & Rivera, J. (2008). Maternal and Child Undernutrition: Global and Regional Exposures and health consequences. *The Lancet Journal*, 1–2.
- Bougea, A. M., Spandideas, N., Alexopoulos, E. C., Thomaides, T., Chrouzos, G. P., & Darviri, C. (2013). Effect of the Emotional Freedom Technique on Perceived Stress, Quality of Life, and Cortisol Salivary Levels in Tension-Type Headache Sufferers: A Randomized Controlled Trial. *Explore*, 9(2), 91–99. <https://doi.org/https://doi.org/10.1016/j.explore.2012.12.005>
- Brattberg, G. (2008). Self-administered EFT (Emotional Freedom Techniques) in individuals with fibromyalgia: A randomized trial. *Integrative Medicine*, 7, 30–35.
- Britton, T. M. B., & Purushotham, A. D. (2009). Understanding Breast Cancer Related Lymphoedema. *The Surgeon*, 7(2), 120–124.
- Callahan, R. J., & Callahan, J. (2000). *Stop the Nightmare of Trauma*. Professional Press, Chapel Hill.
- Centers for Disease Control and Prevention (CDC). (2012). Human papillomavirus-associated cancers - United States, 2004-2008. *MMWR. Morbidity and Mortality Weekly Report*, 61(15), 258–261.

- Chavdarov Chonov, D., Magdalena Krasimirova Ignatova, M., Rumenov Ananiev, J., & Vladova Gulubova, M. (2019). IL-6 Activities in the Tumour Microenvironment. Part 1 the Creative Commons Attribution-NonCommercial 4.0 International License (CC BY-NC 4.0). *Macedonian Journal of Medical Sciences*, 7(14), 2391.
- Chen, J. (Steven), Kandle, P. F., Murray, I., Fitzgerald, L. A., & Sehdev, J. S. (2022). Physiology, Pain. In *StatPearls*. StatPearls Publishing.
- Christian, L. M., Graham, J. E., Padgett, D. A., Glaser, R., & Kiecolt-Glaser, J. K. (2006). Stress and Wound Healing. *Neuroimmunomodulation*, 13(5–6), 337. <https://doi.org/10.1159/000104862>
- Church, D., & Brooks, A. J. (2010). The Effect of a Brief Emotional Freedom Techniques Self- Intervention on Anxiety, Depression, Pain, and Cravings in Health Care Workers. *Integrative Medicine*, 9(5), 40–43.
- Church, D., Stapleton, P., Vasudevan, A., & O'Keefe, T. (2022). Clinical EFT as an evidence-based practice for the treatment of psychological and physiological conditions: A systematic review. In *Frontiers in psychology* (Vol. 13, p. 951451). <https://doi.org/10.3389/fpsyg.2022.951451>
- Church, D., Yount, G., & Brooks, A. J. (2012). The effect of emotional freedom techniques on stress biochemistry: a randomized controlled trial. *The Journal of Nervous and Mental Disease*, 200(10), 891–896. <https://doi.org/10.1097/NMD.0b013e31826b9fc1>
- Cimpean, A., & David, D. (2019). The mechanisms of pain tolerance and pain-related anxiety in acute pain. *Health Psychol Open*, 6(2). <https://doi.org/10.1177/2055102919865161>
- Cohen, Paul A.hingran, A., Oaknin, A., & Denny, L. (2019). Cervical cancer. *The Lancet*, 393(10167), 169–182. [https://doi.org/10.1016/S0140-6736\(18\)32470-X](https://doi.org/10.1016/S0140-6736(18)32470-X)
- Corrigan, P., McCorkle, B., Schell, B., & Kidder, K. (2003). Religion and spirituality in the lives of people with serious mental illness. *Community Mental Health Journal*, 39(6), 487–499. <https://doi.org/10.1023/B:COMH.0000003010.44413.37>
- De Heer, E. W., Gerrits, M. M. J. G., Beekman, A. T. F., Dekker, J., Van Marwijk, H. W. J., De Waal, M. W. M., Spinhoven, P., Penninx, B. W. J. H., & Van Der Feltz-Cornelis, C. M. (2014). The Association of Depression and Anxiety with Pain: A Study from NESDA. *PLoS One*, 9(10), 106907. <https://doi.org/10.1371/JOURNAL.PONE.0106907>
- Desmaniarti, & Avianti, N. (2014). Spritual Emotional Freedom Technique (SEFT) Menurunkan Stres Pasien Kanker Serviks. *Jurnal Ners*, 9(1), 91–96.

- Drackley, N. L., Degnim, A. C., Jakub, J. W., Cutshall, S. M., Thomley, B. S., Brodt, J. K., Vanderlei, L. K., & Case, J. K. (2012). Effect of Massage Therapy for Postsurgical Mastectomy Recipients. *Clinical Journal of Oncology Nursing*, 16(2), 121–124.
- Drahansky, M., Paridah, M. ., Moradbak, A., Mohamed, A. ., Owolabi, F. abdulwahab taiwo, Asniza, M., & Abdul Khalid, S. H. . (2016). We are IntechOpen , the world ' s leading publisher of Open Access books Built by scientists , for scientists TOP 1 %. *InTech, i(tourism)*, 13. <https://doi.org/http://dx.doi.org/10.5772/57353>
- Dueñas, M., Ojeda, B., Salazar, A., Mico, J. A., & Failde, I. (2016). A review of chronic pain impact on patients, their social environment and the health care system. *J Pain Res*, 9, 457–467. <https://doi.org/10.2147/JPR.S105892>
- Edwards, K. M., & Mills, P. J. (2009). Effects of Estrogen Versus Estrogen and Progesterone on Cortisol and Interleukin-6. *National Institute of Health*, 61(4), 330–333. <https://doi.org/10.1016/j.maturitas.2008.09.024>.Effects
- Figueira, J. A., Sarafim-Silva, B. A. M., Gonçalves, G. M., Aranha, L. N., Lopes, F. L., Corrente, J. E., Biasoli, É. R., Miyahara, G. I., & Bernabé, D. G. (2022). Predisposing factors for increased cortisol levels in oral cancer patients. *Comp Psychoneuroendocrinol*, 9, 100110. <https://doi.org/10.1016/J.CPNEC.2022.100110>
- Fillingim, R. B. (2017). Individual Differences in Pain: Understanding the Mosaic that Makes Pain Personal. *Pain*, 158(Suppl 1), S11. <https://doi.org/10.1097/J.PAIN.0000000000000775>
- Flint, G. A. (2011). *Emotional Freedom: Techniques for Dealing with Physical and Emotional Distress* (Kindle Edi). eBookIt.com.
- Flint, G. A., Lammers, W., & Mitnick, D. G. (2014). Emotional freedom techniques: A safe treatment intervention for many trauma based issues. *Trauma Treatment Techniques: Innovative Trends*, 22(01), 125–150. <https://doi.org/10.4324/9781315864518-12>
- Fu, J., Zheng, J., Fang, W., & Wu, B. (1998). Effect of Interleukin-6 on the Growth of Human Lung Cancer Cell Line. *Chin Med J (Engl)*, 111(3), 265–268.
- Gajewski, T. F., Schreiber, H., & Fu, Y.-X. (2016). Innate and Adaptive Immune Cells in the Tumor Microenvironment. *Applied Computational Electromagnetics Society Journal*, 31(8), 960–969. <https://doi.org/10.1038/ni.2703>.Innate
- Garbers, C., Thaiss, W., Jones, G. W., Waetzig, G. H., Lorenzen, I., Guilhot, F., Lissilaa, R., Ferlin, W. G., Grötzingier, J., Jones, S. A., Rose-John, S., & Scheller, J. (2011). Inhibition of Classic Signaling Is a Novel Function of Soluble Glycoprotein 130 (sgp130), Which Is Controlled by the Ratio of Interleukin 6 and

- Soluble Interleukin 6 Receptor. *Journal of Biological Chemistry*, 286(50), 42959–42970. <https://doi.org/10.1074/jbc.M111.295758>
- Gehdoo, R. P. (2006). Cancer Pain Management. *Indian Journal Anesthesia*, 50(5), 375–390.
- Ghaderi, Z., Nazari, F., & Shaygannejad, V. (2021). The Effect of Emotional Freedom Technique on Fatigue among Women with Multiple Sclerosis: A Randomized Controlled Trial. *Iran J Nurs Midwifery Res*, 26(6), 531. [https://doi.org/10.4103/IJNMR.IJNMR\\_188\\_19](https://doi.org/10.4103/IJNMR.IJNMR_188_19)
- Giri, D., Ozen, M., & Ittmann, M. (2001). Interleukin-6 is an Autocrine Growth Factor in Human Prostate Cancer. *American Journal of Pathology*, 159(6), 2159–2165.
- Gregory, J., & Richardson, C. (2014). The Use Of Pain Assessment Tools In Clinical Practice: A Pilot Survey. *Journal of Pain & Relief*, 03(02). <https://doi.org/10.4172/2167-0846.1000140>
- Gritsko, T., Williams, A., Turkson, J., Kaneko, S., Bowman, T., Huang, M., Nam, S., Eweis, I., Diaz, N., Sullivan, D., Yoder, S., Enkemann, S., Eschrich, S., Lee, J.-H., Beam, C. A., Cheng, J., Minton, S., Muro-Cacho, C. A., & Jove, R. (2006). Persistent Activation of Stat3 Signaling Induces Survivin Gene Expression and Confers Resistance to Apoptosis in Human Breast Cancer Cells. *Clinical Cancer Research*, 12(1), 11–19. <https://doi.org/10.1158/1078-0432.CCR-04-1752>
- Grivennikov, S., & Karin, M. (2008). Autocrine IL-6 Signaling: A Key Event in Tumorigenesis? *Cancer Cell*, 13(1), 7–9. <https://doi.org/10.1016/j.ccr.2007.12.020>
- Hadjistavropoulos, T., Craig, K. D., Goubert, L., & Jackson, P. L. (2011). A Biopsychosocial Formulation of Pain Communication. May 2014. <https://doi.org/10.1037/a0023876>
- Handayani, L., Suarmiati, & Ayuningtyas, A. (2012). *Menaklukkan Kanker Serviks dan Kanker Payudara dengan 3 Terapi Alami*. Agromedia.
- Haritha, V. S., Singotia, L., Jain, R., Saxena, A. K., Rawat, S., & Patel, L. (2022). Integration of Consolidation Chemotherapy After Concurrent Chemoradiation in the Treatment of Locally Advanced Uterine Cervical Cancer. *Indian Journal of Gynecologic Oncology*, 20(4), 1–13. <https://doi.org/10.1007/s40944-022-00646-9>
- Hastono, S. P. (2017). *Analisis Data pada Bidang Kesehatan* (1st ed.). Rajawali Pers.
- Hidayat, E., Sari, D. H., & Fitriyati, Y. (2014). Hubungan Kejadian Kanker Serviks dengan Jumlah Paritas di RSUD Dr. Moewardi Tahun 2013. *Jurnal Kedokteran Dan Kesehatan Indonesia*, 6(3), 128–136.

- <https://doi.org/10.20885/jkki.vol6.iss3.art4>
- Hu, J. H., Zheng, X. Y., Yang, J. P., Wang, L. N., & Ji, F. H. (2012). Involvement of spinal monocyte chemoattractant protein-1 (MCP-1) in cancer-induced bone pain in rats. *Neurosci Lett*, 517(1), 60–63. <https://doi.org/10.1016/J.NEULET.2012.04.026>
- Ibeano, O. A. (2011). Molecular Pathogenesis of Pervical Cancer. *Cancer Biology and Therapy*, 11(3), 295–306. <https://doi.org/10.4161/cbt.11.3.14686>
- International Association for the Study of Pain (IASP). (2020). *IASP Announces Revised Definition of Pain*.
- Juwita, S., & Tugasworo, D. (2015). Pengaruh Derajat Depresi dengan Intensitas Nyeri Kronik : Studi Pada Pasien Rawat Jalan RSUP Dr. Kariadi Semarang. *Media Medika Muda*, 4(4), 1460–1466.
- Jv, F., Mgf, C., Taam, D. F., Jmg, A., Prm, A., Jcv, A., & Rv, M. (2013). *Prevalence of Human Papillomavirus Type 58 in Women With or Without Cervical Lesions in Northeast Brazil*. 3(4), 504–510. <https://doi.org/10.4103/2141-9248.122060>
- Kartikodaru, P. C., Hartoyo, M., & M, W. (2015). Pengaruh Pemberian Spiritual Emotional Freedom Technique (SEFT) terhadap Penurunan Kecemasan Pasien Kemoterapi Di SMC RS Telogorejo. *Jurnal Ilmu Keperawatan Dan Kebidanan*.
- Kementrian Kesehatan RI. (2018). *Data dan Informasi*.
- Kiecolt-Glaser, J. K., Preacher, K. J., MacCallum, R. C., Atkinson, C., Malarkey, W. B., & Glaser, R. (2003). Chronic Stress and Age-related Increases in the Proinflammatory Cytokine IL-6. *Proceedings of the National Academy of Sciences of the United States of America*, 100(15), 9090–9095. <https://doi.org/10.1073/pnas.1531903100>
- Kishimoto, T. (2006). Interleukin-6: Discovery of a Pleiotropic Cytokine. *Arthritis Research & Therapy*, 2(2). <https://doi.org/10.1186/ar1916>
- Komalasari, S. (2019). Doa dalam perspektif psikologi. *Proceeding Antasari International Conference*, 422–436. <https://jurnal.uin-antasari.ac.id/index.php/proceeding/article/view/3754>
- Krisnawardhani, K. K., & IGAA Noviekayati. (2021). Terapi SEFT (Spiritual Emotional Freedom Technique) untuk Meredakan Gangguan Cemas Menyeluruh pada Subjek Dewasa. *Syntax Literate: Jurnal Ilmiah Indonesia*, 6(5).
- Kruk, M. E., Gage, A. D., Arsenault, C., Jordan, K., Leslie, H. H., Roder-DeWan, S., Adeyi, O., Barker, P., Daelman, B., Doubova, S. V., English, M., Elorrio, E. G., Guanais, F., Gureje, O., Hirschhorn, L. R., Jiang, L., Kelley, E., Lemango, E. T., Liljestrand, J., ... Pate, M. (2018). High-quality health systems in the Sustainable

- Development Goals era: time for a revolution. *The Lancet Global Health*, 6(11), e1196. [https://doi.org/10.1016/S2214-109X\(18\)30386-3](https://doi.org/10.1016/S2214-109X(18)30386-3)
- Kumari, N., Dwarakanath, B. S., Das, A., & Bhatt, A. N. (2016). Role of Interleukin-6 in Cancer Progression and Therapeutic Resistance. *Tumor Biology*, 37(9), 11553–11572. <https://doi.org/10.1007/s13277-016-5098-7>
- Kurzrock, R., Voorhees, P. M., Casper, C., Furman, R. R., Fayad, L., Lonial, S., Borghaei, H., Jagannath, S., Sokol, L., Usmani, S. Z., Van De Velde, H., Qin, X., Puchalski, T. A., Hall, B., Reddy, M., Qi, M., & Van Rhee, F. (2013). A phase I, open-label study of siltuximab, an anti-IL-6 monoclonal antibody, in patients with B-cell non-Hodgkin lymphoma, multiple myeloma, or Castleman disease. *Clin Cancer Res*, 19(13), 3659–3670. <https://doi.org/10.1158/1078-0432.CCR-12-3349>
- Lazaridou, A., Martel, M. O., Cahalan, C. M., Cornelius, M. C., Franceschelli, O., Campbell, C. M., Haythornthwaite, J. A., Smith, M., Riley, J., & Edwards, R. R. (2018). The impact of anxiety and catastrophizing on interleukin-6 responses to acute painful stress. *J Pain Res*, 11, 637–647. <https://doi.org/10.2147/JPR.S147735>
- Legianawati, D., Puspitasari, I. M., Suwantika, A. A., & Kusumadjati, A. (2019). Profil Penatalaksanaan Kanker Serviks Stadium IIB–IIIB dengan Terapi Radiasi dan Kemoradiasi di Rumah Sakit Umum Pusat Dr. Hasan Sadikin Bandung Periode Tahun 2015–2017. *Indonesian Journal of Clinical Pharmacy*, 8(3). <https://doi.org/10.15416/ijcp.2019.8.3.205>
- Leu, C.-M., Wong, F.-H., Chang, C., Huang, S.-F., & Hu, C. (2003). Interleukin-6 Acts as an Antiapoptotic Factor in Human Esophageal Carcinoma Cells Through the Activation of Both STAT3 and Mitogen-Activated Protein Kinase Pathways. *Oncogene*, 22(49), 7809–7818.
- Li, N., Guo, Y., Gong, Y., Zhang, Y., Fan, W., Yao, K., Chen, Z., Dou, B., Lin, X., Chen, B., Chen, Z., Xu, Z., & Lyu, Z. (2021). The Anti-Inflammatory Actions and Mechanisms of Acupuncture from Acupoint to Target Organs via Neuro-Immune Regulation. In *Journal of Inflammation Research* (Vol. 14, Issue September). <https://doi.org/10.2147/JIR.S341581>
- Linnap, P. (2000). Mental health, religion and culture.". *English, October*, 107–114. [https://www.academia.edu/download/64813223/2020\\_AC\\_The\\_Return\\_of\\_Repressed\\_Subjectivity\\_in\\_China\\_Feng\\_Jizhong\\_and\\_Wang\\_Shu.pdf](https://www.academia.edu/download/64813223/2020_AC_The_Return_of_Repressed_Subjectivity_in_China_Feng_Jizhong_and_Wang_Shu.pdf)
- Lisdiana. (2012). Regulasi Kortisol pada Kondisi Stres dan Addiction. *Biosaintifika: Journal of Biology & Biology Education*, 4(1). <https://doi.org/10.15294/biosaintifika.v4i1.2264>

- Loeser, J. D., & Treede, R. D. (2008). The Kyoto Protocol of IASP Basic Pain Terminology. *Pain*, 137(3), 473–477. <https://doi.org/10.1016/J.PAIN.2008.04.025>
- Mahfud, C. (2014). THE POWER OF SYUKUR: Tafsir Kontekstual Konsep Syukur dalam al-Qur'an. *Epistemé: Jurnal Pengembangan Ilmu Keislaman*, 9(2). <https://doi.org/10.21274/epis.2014.9.2.377-400>
- Mailawati, T., Laksono, R. M., & Fatoni, A. Z. (2020). Hubungan Faktor Sosiodemografi dengan Angka Kejadian Nyeri Kronik pada Pasien Proses Operasi Bedah Mayor di Rumah Sakit Dr. Saiful Anwar Malang. *Journal of Anaesthesia and Pain*, 1(1), 1–6. <https://doi.org/10.21776/UB.JAP.2020.001.01.01>
- Majeed, H., & Gupta, V. (2022). Adverse Effects of Radiation Therapy. *StatPearls*.
- Maryatun, S. (2020). Pengaruh Spiritual Emotional Freedom Technique dan Supportive Therapy terhadap Tingkat Stres Pasien Kanker Serviks. *Jurnal Keperawatan Sriwijaya*, 7(1), 14–25.
- McCaffrey, A. M., Eisenberg, D. M., Legedza, A. T. R., Davis, R. B., & Phillips, R. S. (2004). Prayer for health concerns: results of a national survey on prevalence and patterns of use. *Arch Intern Med*, 164(8), 858–862. <https://doi.org/10.1001/ARCHINTE.164.8.858>
- McDowell, I. (2006). *Measuring Health: A guide to rating scales and questionnaires*. Oxford University Press. <https://doi.org/10.1093/acprof:oso/9780195165678.001.0001>
- Mensah-Nyagan, A. G., Meyer, L., Schaeffer, V., Kibaly, C., & Patte-Mensah, C. (2009). Evidence for a key role of steroids in the modulation of pain. *Psychoneuroendocrinology*, 34(SUPPL. 1), S169–S177. <https://doi.org/10.1016/J.PSYNEUEN.2009.06.004>
- Miaskowski, C., Dodd, M., & Lee, K. (2004). Symptom Clusters: The New Frontier in Symptom Management Research. *JNCI Monographs*, 2004(32), 17–21.
- Mikucki, M. E., Fisher, D. T., Ku, A. W., Appenheimer, M. M., Muhitch, J. B., & Evans, S. S. (2013). Preconditioning thermal therapy: flipping the switch on IL-6 for anti-tumor immunity. *Bone*, 29(5), 464–473. <https://doi.org/10.3109/02656736.2013.807440.Preconditioning>
- Moore-Hafter, B., Barbee, J., Zacharias-Miller, C., & Shaner, L. (2021). *Free Tapping Manual: A Comprehensive Introductory Guide to EFT (Emotional Freedom Techniques)* (1st ed.). EFT International.
- Munawaroh. (2017). Modifikasi Pro SELF Pain Control untuk Menurunkan Nyeri dan

Meningkatkan Kemampuan Aktivitas pada Pasien Kanker Kolorektal yang Menjalani Kemoterapi. In *Journal of Chemical Information and Modeling*. Universitas Diponegoro.

National Cervical Cancer Coalition. (2019). *HPV and Cervical Cancer*.

Nilsson, M. B., Armaiz-Pena, G., Takahashi, R., Lin, Y. G., Trevino, J., Li, Y., Jennings, N., Arevalo, J., Lutgendorf, S. K., Gallick, G. E., Sanguino, A. M., Lopez-Berestein, G., Cole, S. W., & Sood, A. K. (2007). Stress Hormones Regulate Interleukin-6 Expression by Human Ovarian Carcinoma Cells Through a Src-dependent Mechanism. *Journal of Biological Chemistry*, 282(41), 29919–29926. <https://doi.org/10.1074/jbc.M611539200>

Nishimoto, N., Kanakura, Y., Aozasa, K., Johkoh, T., Nakamura, M., Nakano, S., Nakano, N., Ikeda, Y., Sasaki, T., Nishioka, K., Hara, M., Taguchi, H., Kimura, Y., Kato, Y., Asaoku, H., Kumagai, S., Kodama, F., Nakahara, H., Hagihara, K., ... Kishimoto, T. (2005). Humanized anti-interleukin-6 receptor antibody treatment of multicentric Castleman disease. *Blood*, 106(8), 2627–2632. <https://doi.org/10.1182/BLOOD-2004-12-4602>

Noviyani, R., Budiana, I., & Indrayathi, P. (2015). Assessment of Life Quality of Cervical Cancer Patients Delivered Bleomycin Oncovin Mitocyn Platinum (Bomp) Chemotherapy Regimens in Sanglah Denpasar. *International Journal of Biosciences and Biotechnology*, 2(2), 54–62.

Nurmiati, Abubakar, A., & Parhani, A. (2021). Nilai Tawakal dalam Al-Qur'an. *Palita: Journal of Social Religion Research*, 6(1), 81–98. <http://ejournal-iainpalopo.ac.id/palitaDOI:http://10.24256/pal.v6i1.1985%0Ahttps://creativecommons.org/licenses/by-sa/4.0/>

Nuwa, M. S. (2018). *Analysis of Implementation of Spiritual Emotion Freedom Technique (SEFT) Therapy in Psychological Disorder (Stress, Anxious, and Depression): A Literature Review*.

O'Donovana, A., Hughes, B. M., Slavich, G. M., Lynch, L., Cronin, M.-T., O'Farrelly, C., & Malonea, K. M. (2016). Clinical Anxiety, Cortisol and Interleukin-6: Evidence for Specificity in Emotion–Biology Relationships. *Physiology & Behavior*, 176(1), 139–148. <https://doi.org/10.1016/j.bbi.2010.03.003.Clinical>

Palat, G., Biji, M. S., & Rajargopal, M. R. (2005). Pain Management in Cancer Cervix. *Indian J Palliative Care*, 11(2), 64–73.

Potter, P. A., & Perry, A. G. (2010). *Fundamentals of Nursing: Fundamental Keperawatan Buku 2*. Salemba Medika.

Prawirohardjo, S. (2006). *Buku Acuan Nasional: Onkologi Ginekologi* (M. F. A. Andriyono & A. B. Saifuddin (eds.); 1st ed.). Yayasan Bina Pustaka.

- Rahayu, A., Noor, M. S., Yulidasari, F., Rahman, F., & Putri, A. O. (2017). *Buku Ajar Kesehatan Reproduksi Remaja dan Lansia* (1st ed.). Airlangga University Press.
- Rahman, A., Munandar, S. A., Fitriani, A., Karlina, Y., & Yumriani. (2022). Pengertian Pendidikan, Ilmu Pendidikan dan Unsur-Unsur Pendidikan. *Al Urwatul Wutsqa: Kajian Pendidikan Islam*, 2(1), 1–8.
- Raja, S. N., Carr, D. B., Cohen, M., Finnerup, N. B., Flor, H., Gibson, S., Keefe, F. J., Mogil, J. S., Ringkamp, M., Sluka, K. A., Song, X. J., Stevens, B., Sullivan, M. D., Tutelman, P. R., Ushida, T., & Vader, K. (2020). The revised International Association for the Study of Pain definition of pain: concepts, challenges, and compromises. *Pain*, 161(9), 1976–1982. <https://doi.org/10.1097/J.PAIN.0000000000001939>
- Raphael, J., Ahmedzai, S., Hester, J., Urch, C., Barrie, J., Williams, J., Farquhar-Smith, P., Fallon, M., Hoskin, P., Robb, K., Bennett, M. I., Haines, R., Johnson, M., Bhaskar, A., Chong, S., Duarte, R., & Sparkes, E. (2010a). Cancer Pain: Part 1: Pathophysiology; Oncological, Pharmacological, and Psychological Treatments: A Perspective from the British Pain Society Endorsed by the UK Association of Palliative Medicine and the Royal College of General Practitioners. *Journal of Pain Medicine Wiley Periodicals*, 11(5), 742–764.
- Raphael, J., Ahmedzai, S., Hester, J., Urch, C., Barrie, J., Williams, J., Farquhar-Smith, P., Fallon, M., Hoskin, P., Robb, K., Bennett, M. I., Haines, R., Johnson, M., Bhaskar, A., Chong, S., Duarte, R., & Sparkes, E. (2010b). Cancer Pain: Part 1: Pathophysiology; Oncological, Pharmacological, and Psychological Treatments: A Perspective from the British Pain Society Endorsed by the UK Association of Palliative Medicine and the Royal College of General Practitioners. *Pain Medicine*, 11(5), 742–764. <https://doi.org/10.1111/j.1526-4637.2010.00840.x>
- Rasjidi, I. (2013). *Buku Ajar Onkologi Klinik*. EGC.
- Rice, A., Justin, D., John, T. N.-H., Miaskowski, R. F., & A, C. (2008). *Clinical Pain Management: Acute Pain* (2nd ed.). CRC Press.
- Rippentrop, A. E., Altmaier, E. M., Chen, J. J., Found, E. M., & Keffala, V. J. (2005). The Relationship between Religion/Spirituality and Physical Health, Mental Health, and Pain in a Chronic Pain Population. *Pain*, 116(3), 311–321. <https://doi.org/10.1016/J.PAIN.2005.05.008>
- Ropero Peláez, F. J., & Taniguchi, S. (2016). The gate theory of pain revisited: Modeling different pain conditions with a parsimonious neurocomputational model. *Neural Plasticity*, 2016. <https://doi.org/10.1155/2016/4131395>
- Rosenstein, D. L. (2011). Depression and end-of-life care for patients with cancer. *Dialogues Clin Neurosci*, 13(1), 101.

<https://doi.org/10.31887/DCNS.2011.13.1/DROSENSTEIN>

- Safitri, R. P., & Sadif, R. S. (2013). Spiritual Emotional Freedom Technique (SEFT) to Reduce Depression for Chronic Renal Failure Patients are in Cilacap Hospital to Undergo Hemodialysis. *International Journal of Social Science and Humanity*, 3(3), 300–303. <https://doi.org/10.7763/IJSSH.2013.V3.249>
- Saggini, R., Bellomo, R. G., Carmignano, S. M., & Saggani, A. (2015). *Cancer Pain—The Role of an Integrated, Comprehensive Rehabilitation Program in its Management*.
- Sari, P., T, D. H., & Pradono, J. (2007). Status Kesehatan Masyarakat dan Faktor-faktor yang Berhubungan di Nanggroe Aceh Darussalam. *Media Penelitian Dan Pengembangan Kesehatan*, 17(3). <https://doi.org/10.22435/mpk.v0i0.837>
- Schmidt, B. L. (2014). The neurobiology of cancer pain. *Neuroscientist*, 20(5), 546–562. <https://doi.org/10.1177/1073858414525828>
- Scholz, J., & Woolf, C. J. (2007). The Neuropathic Pain Triad: Neurons, Immune Cells and Glia. *Nature Neuroscience*, 10(11), 1361–1368.
- Schrepf, A., Clevenger, L., Christensen, D., DeGeest, K., Bender, D., Ahmed, A., Goodheart, M. J., Dahmoush, L., Penedo, F., Lucci, J. A., Ganjei-Azar, P., Mendez, L., Markon, K., Lubaroff, D. M., Thaker, P. H., Slavich, G. M., Sood, A. K., & Lutgendorf, S. K. (2013). Cortisol and Inflammatory Processes in Ovarian Cancer Patients Following Primary Treatment: Relationships with Depression, Fatigue, and Disability. *Brain Behav Immun*, 30(0), S126. <https://doi.org/10.1016/J.BBI.2012.07.022>
- Sedlis, A., Bundy, B. N., Rotman, M. Z., Lentz, S. S., Muderspach, L. I., & Zaino, R. J. (1999). A Randomized Trial of Pelvic Radiation Versus no Further Therapy in Selected Patient with Stage IB Carcinoma of the Cervix after Radical Hysterectomy and Pelvic lymphadenectomy: A Gynecologic Oncology Group Study. *Gynecologic Oncology*, 73(2), 177–183.
- Seybold, K. S. (2007). *Physiological mechanisms involved in religiosity/spirituality and health*. 2007.
- Sharpley, C. F. (2009). Neurobiological Pathways between Chronic Stress and Depression: Dysregulated Adaptive Mechanisms? *Clinical Medicine Insights: Psychiatry*, 2, CMPsy.S3658. <https://doi.org/10.4137/cmpsy.s3658>
- Sheng, J., Liu, S., Wang, Y., Cui, R., & Zhang, X. (2017). The Link between Depression and Chronic Pain: Neural Mechanisms in the Brain. *Neural Plast*, 2017. <https://doi.org/10.1155/2017/9724371>
- Silbernagl, S., & Lang, F. (2010). *Color Atlas of Pathophysiology* (2nd ed.). Thieme.

- Sjamsuhidajat, Jong, D., Prasetyono, T. O. H., Rudiman, R., Riwanto, I., & Tahalele, P. (2017). *Buku Ajar Ilmu Bedah* (4th ed.). EGC.
- Slavich, G. M., O'Donovan, A., Epel, E. S., & Kemeny, M. E. (2010). Black Sheep Get the Blues: A Psychobiological Model of Social Rejection and Depression. *Neurosci Biobehav Rev*, 35(1), 39–45. <https://doi.org/10.1016/j.neubiorev.2010.01.003>.Black
- Small, W., Bacon, M. A., Bajaj, A., Chuang, L. T., Fisher, B. J., Harkenrider, M. M., Jhingran, A., Kitchener, H. C., Mileshkin, L. R., Viswanathan, A. N., & Gaffney, D. K. (2017). Cervical cancer: A global health crisis. *Cancer*, 123(13), 2404–2412. <https://doi.org/10.1002/cncr.30667>
- Smoak, K. A., & Cidlowski, J. A. (2004). Mechanisms of glucocorticoid receptor signaling during inflammation. *Mech Ageing Dev*, 125(10–11), 697–706. <https://doi.org/10.1016/J.MAD.2004.06.010>
- Soetrisno, Cahyanto, E. B., Mulyani, S., Nugraheni, A., Nurinasari, H., & Tjiang, R. E. (2020). The cortisol level, depression anxiety stress score, and quality of life in patient with advance stage cervical cancer after two years of psychorative intervention. *BMJ*, 9(1), 6–12. <https://doi.org/10.15562/BMJ.V9I1.1636>
- Stapleton, P., Crighton, G., Sabot, D., & O'Neill, H. M. (2020). Reexamining the effect of emotional freedom techniques on stress biochemistry: A randomized controlled trial. *Psychological Trauma*, 12(8), 869–877. <https://doi.org/10.1037/tra0000563>
- Sucitra, E., Mar'at, S., & Tiatri, S. (2019). Penerapan Gratitude Journal Untuk Menurunkan Gejala Depresif Pada Penderita Kanker: Studi Dengan Ecological Momentary Assessment. *Jurnal Muara Ilmu Sosial, Humaniora, Dan Seni*, 3(1), 123. <https://doi.org/10.24912/jmishumsen.v3i1.3466>
- Sugathot, A. I., & W.U., N. (2018). Hubungan Umur dengan Tingkat Nyeri Proses Persalinan Setelah Melakukan Teknik Relaksasi Napas Dalam. *Medika Respati : Jurnal Ilmiah Kesehatan*, 13(3), 1–6. <https://doi.org/10.35842/mr.v13i3.205>
- Sugiyono. (2012). *Metode Penelitian Kuantitatif dan Kualitatif*. Alfabeta.
- Sugiyono. (2014). *Metode Penelitian Pendidikan Kuantitatif, Kualitatif, dan R&D*. Alfabeta.
- Sulistyowati, S., Ardhianto, A., & Hadi, S. (2016). The effect of Logotherapy on the Expressions of Cortisol, HSP70, Beck Depression Inventory (BDI), and Pain Scales in Advanced Cervical Cancer Patients. *Health Care for Women International*, 1–9.
- Suso-Ribera, C., Camacho-Guerrero, L., Osma, J., Suso-Vergara, S., & Gallardo-Pujol, D. (2019). A reduction in pain intensity is more strongly associated with improved

- physical functioning in frustration tolerant individuals: A longitudinal moderation study in chronic pain patients. *Front Psychol*, 10(APR), 1–12. <https://doi.org/10.3389/fpsyg.2019.00907>
- Suwyoga, K. (2007). Kanker Serviks: Penyakit Keganasan Fatal yang Dapat Dicegah. *Majalah Obstetri Dan Ginekologi Indonesia*, 31(1), 3–25.
- Tanaka, T., Minami, M., Nakagawa, T., & Satoh, M. (2004). Enhanced production of monocyte chemoattractant protein-1 in the dorsal root ganglia in a rat model of neuropathic pain: Possible involvement in the development of neuropathic pain. *Neurosci Res*, 48(4), 463–469. <https://doi.org/10.1016/j.neures.2004.01.004>
- Tanaka, T., Narazaki, M., & Kishimoto, T. (2014). *IL-6 in Inflammation, Immunity, and Disease*. 6(Kishimoto 1989), 1–16.
- Tansumri, A. (2007). *Konsep dan Penatalaksanaan Nyeri*. EGC.
- Tennant, F. (2013). The Physiologic Effects of Pain on the Endocrine System. *Pain and Therapy*, 2(2), 75–86. <https://doi.org/10.1007/s40122-013-0015-x>
- Thahir, A., Basirun, S., & Almurhan. (2014). Emotional Freedom Technique. *Jurnal Kesehatan*, 5(1), 84–89. <https://doi.org/10.26630/jk.v5i1.71>
- Thong-Ngam, D., Tangkijvanich, P., Lerknimitr, R., Mahachai, V., Theamboonlers, A., & Poovorawan, Y. (2006). Diagnostic Role of Serum Interleukin-18 in Gastric Cancer Patients. *World J Gastroenterol*, 12(28), 4473–4477. <https://doi.org/10.3748/wjg.v12.i28.4473>
- Triana, W. (2007). *Dampak Psikologi pada Perempuan Penderita Kanker Payudara*. Universitas Katolik Soegijapranata Semarang.
- Wang, L., Dai, G., Yang, J., Wu, W., & Zhang, W. (2018). *Cervical Cancer Cell Growth , Drug Resistance , and Epithelial-Mesenchymal Transition Are Suppressed by g -Secretase Inhibitor RO4929097*. 4046–4053. <https://doi.org/10.12659/MSM.909452>
- Wijayati, S., Fitriyanti, S. A., & Arwani, A. (2020). Pengaruh Terapi Spiritual Emotional Freedom Technique (SEFT) Terhadap Penurunan Tingkat Depresi Pada Pasien Kanker Serviks. *Medica Hospitalia : Journal of Clinical Medicine*, 7(2), 398–402. <https://doi.org/10.36408/mhjem.v7i2.511>
- William, L., & Philadelphia, W. (2001). *Management of Pain*.
- World Health Organization. (2019). Indonesia Source Global Cancer Observatory. *International Agency for Research on Cancer*, 256, 1–2.
- Wriht, A. A., Howitt, B. E., Myers, A. P., Dahlberg, S. E., Palescandolo, E., Van Hummelen, P., Macconail, L. E., Shoni, M., Wagle, N., Jones, R. T., Quick, C.

- M., Laury, A., Katz, I. T., Hahn, W. C., Matulonis, U. A., Hirsch, M. S., Wijayakusuma, M. H., Sulistiowati, E., Sirait, A. M., ... Kementrian Kesehatan RI. (2013). Panduan Penatalaksanaan Kanker Serviks. *Cancer*, 8(1), 33–39. <https://doi.org/10.7314/APJCP.2012.13.1.021>
- Yang, Y. L., Liu, L., Wang, Y., Wu, H., Yang, X. S., Wang, J. N., & Wang, L. (2013). The Prevalence of Depression and Anxiety among Chinese Adults with Cancer: A systematic review and meta-analysis. *BMC Cancer*, 13, 1–15. <https://doi.org/10.1186/1471-2407-13-393>
- Yuniarsih, S. M., Ropi, H., & Maryati, I. (2004). *Pain and Anxiety Reduction of First Stage Maternity Mothers using SEFT Intervention*.
- Yusuf, A., Nihayati, H. E., Isari, Mi. F., & Okviasanti, F. (2017). *Kebutuhan Spiritual: Konsep dan Aplikasi dalam Asuhan keperawatan*. Mitra Wacana Media.
- Zainuddin, A. F. (2009). *Spiritual Emotional Freedom Technique (SEFT) Cara Tercepat dan Termudah Mengatasi Masalah Fisik dan Emosi*. PT. Arga Publishing.
- Zhang, J. M., & An, J. (2007). Cytokines, inflammation, and pain. *Int Anesthesiol Clin*, 45(2), 27–37. <https://doi.org/10.1097/AIA.0B013E318034194E>
- Zhang, X., Zeng, Q., Cai, W., & Ruan, W. (2021). Trends of cervical cancer at global, regional, and national level: data from the Global Burden of Disease study 2019. *BMC Public Health*, 21(1), 1–10. <https://doi.org/10.1186/s12889-021-10907-5>

Lampiran 1 *Informed Consent*

**INFORMED CONSENT**

Kepada Yth.  
Ibu, Sdr/Sdri  
Di -  
Tempat

Dengan hormat,

Perkenalkan saya **Hamidah** mahasiswa Prosessarjana Universitas Hasanuddin Makassar. Saat ini saya sedang melaksanakan penelitian yang berjudul “Pengaruh *Spiritual Emosional Freedom Technique (Seft)* terhadap Derajat Nyeri, Kortisol serum, dan IL 6 Serum pada Pasien Kanker Serviks Di RS Gatot Soebroto Jakarta.”

Kuesioner ini adalah alat pengumpulan data yang hasilnya akan digunakan sebagai data utama dalam penelitian ilmiah ini. Saya mohon kerjasama Ibu, Sdr/Sdri untuk menjawab pertanyaan kuesioner ini sesuai dengan keadaan dan pendapat yang sejurnya.

Tidak ada penilaian benar atau salah dalam kuesioner ini. Jawaban Ibu, Sdr/Sdri hanya akan digunakan untuk kepentingan penelitian semata-mata. Saya menjamin kerahasiaan identitas serta informasi atau keterangan yang disampaikan sesuai dengan etika yang berlaku.

Bila Ibu, Sdr/Sdri bersedia ikut serta dalam penelitian ini, mohon menandatangani formulir persetujuan ini. Sebelum dan sesudahnya saya ucapan terimakasih.

Tanggal : 2021  
Nama :  
Alamat :  
Tanda Tanganan

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## Lampiran 2 Kuesioner

### a. Karakteristik Responden

Beri tanda (✓) pada kotak di depan pilihan jawaban yang telah disediakan.

1. Nama / Kode Responden :

2. Umur : tahun

3. Agama :  1. Islam  4. Hindu

2. Kristen  5. Buddha

3. Katholik  6. Lainnya

4. Pendidikan :  1. Tidak sekolah  4. SMU

2. SD  5. PT

3. SMP  6. Lainnya

5. Usia pertamakali menikah : tahun

6. Jumlah anak (paritas) :

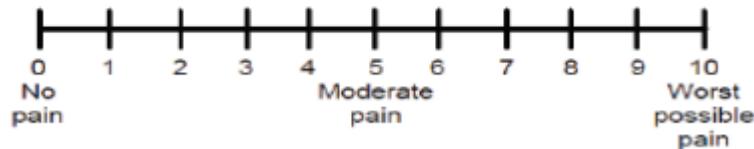
7. Jenis kontrasepsi :

8. IMT :

### b. Skala Pengukuran Nyeri

Pengukuran nyeri menggunakan *Numerical Rating Scale* (NRS) mulai dari 0 sampai dengan 10. Minta pasien untuk menunjukkan angka (1-10) atau intensitas nyeri yang dirasakan saat ini. Lingkari (O) nomor nyeri yang Ibu rasakan.

**0–10 Numeric Pain Rating Scale**



Keterangan:

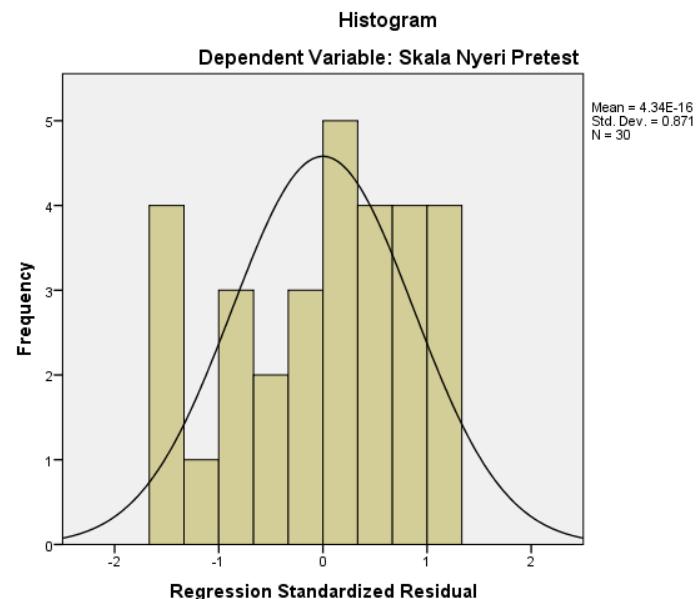
- Skala 0: Tidak nyeri
- Skala 1-3: Nyeri ringan
- Skala 4-6: Nyeri sedang
- Skala 7-10: Nyeri berat

### c. Prosedur SEFT (*Spiritual Emosional Freedom Tehnik*)

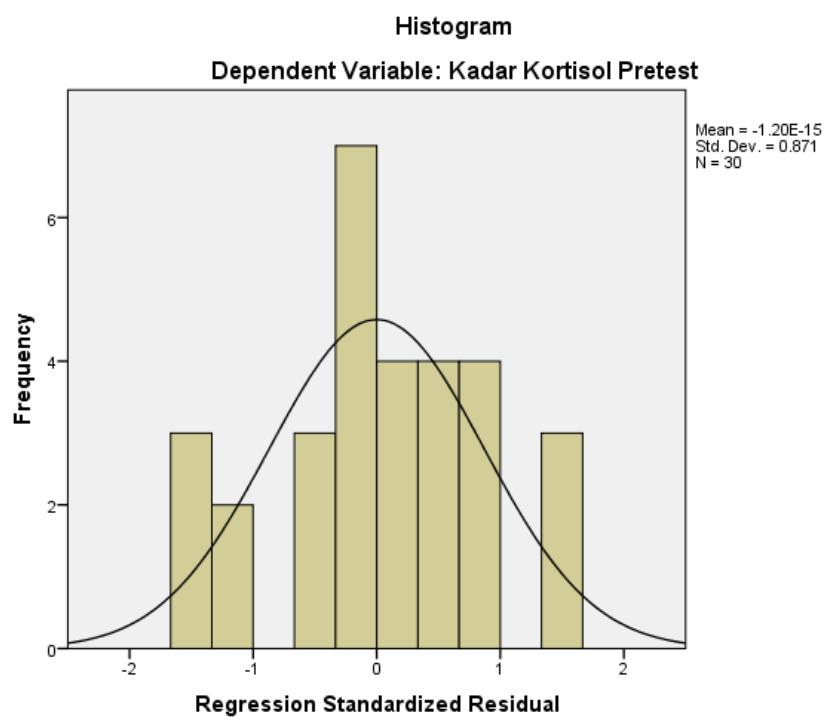
<b>1</b>	<b>Tujuan:</b> <ol style="list-style-type: none"><li>1. Untuk mengurangi nyeri pada pasien kanker serviks</li><li>2. Memberikan rasa nyaman pada kanker serviks</li></ol>
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2	<p><b>Cara melakukan teknik SEFT (<i>Spiritual Emosional Freedom Technique</i>)</b></p> <ol style="list-style-type: none"><li>1. Jelaskan pada responden tentang pengertian, manfaat, dan tujuan teknik SEFT (<i>Spiritual Emosional Freedom Tehnique</i>)</li><li>2. Mengajarkan kepada responden cara melakukan teknik SEFT (<i>Spiritual Emosional Freedom Tehnique</i>)</li></ol>
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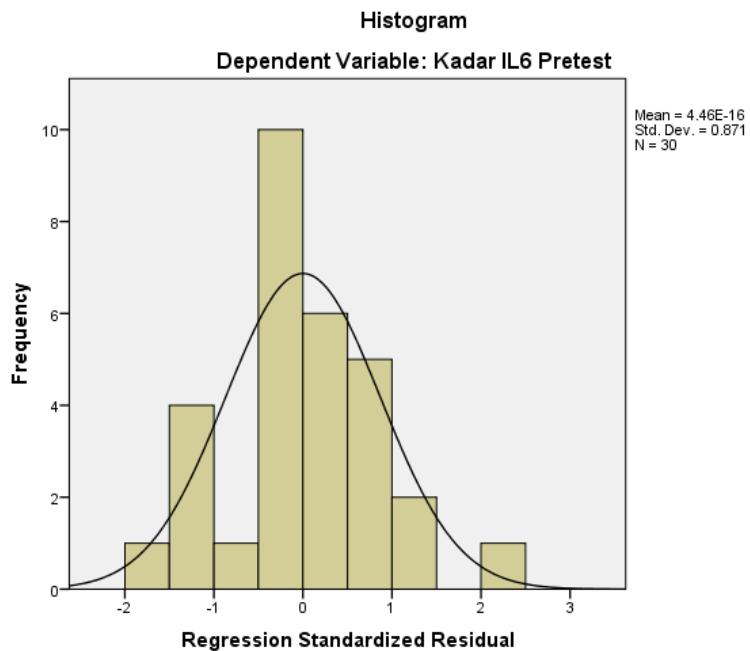
## Lampiran



**Uji Normalitas Histogram Tingkat Nyeri**



### **Uji Normalitas Histogram Kadar Kortisol**



### **Uji Normalitas Histogram Kadar IL6**



**REKOMENDASI PERSETUJUAN ETIK**

Nomor : 493/UN4.6.4.5.31/ PP36/ 2021

Tanggal: 30 Juli 2021

Dengan ini Menyatakan bahwa Protokol dan Dokumen yang Berhubungan Dengan Protokol berikut ini telah mendapatkan Persetujuan Etik :

No Protokol	UH21070442	No Sponsor Protokol	
Peneliti Utama	<b>Hamidah, SST,MKM</b>	Sponsor	
Judul Peneliti	PENGARUH SPIRITAL EMOSIONAL FREEDOM TECHNIQUE (SEFT) TERHADAP DERAJAT NYERI, CORTISOL, DAN IL 6 SERUM PADA PASIEN KANKER SERVIKS PASCA KEMOTERAPI DI RS GATOT SOEBROTO DKI JAKARTA		
No Versi Protokol	<b>2</b>	Tanggal Versi	<b>28 Juli 2021</b>
No Versi PSP	<b>2</b>	Tanggal Versi	<b>28 Juli 2021</b>
Tempat Penelitian	<b>RS Gatot Soebroto dan RS Kanker Darmais Jakarta</b>		
Jenis Review	<input type="checkbox"/> Exempted <input type="checkbox"/> Expedited <input checked="" type="checkbox"/> Fullboard Tanggal <b>28 Juli 2021</b>	Masa Berlaku <b>30 Juli 2021</b> sampai <b>30 Juli 2022</b>	Frekuensi review lanjutan
Ketua Komisi Etik Penelitian Kesehatan FKUH	Nama <b>Prof.Dr.dr. Suryani As'ad, M.Sc.,Sp.GK (K)</b>	<b>Tanda tangan</b> 	
Sekretaris Komisi Etik Penelitian Kesehatan FKUH	Nama <b>dr. Agussalim Bukhari, M.Med.,Ph.D.,Sp.GK (K)</b>	<b>Tanda tangan</b> 	

Kewajiban Peneliti Utama:

- Menyerahkan Amandemen Protokol untuk persetujuan sebelum di implementasikan
- Menyerahkan Laporan SAE ke Komisi Etik dalam 24 jam dan dilengkapi dalam 7 hari dan Lapor SUSAR dalam 72 Jam setelah Peneliti Utama menerima laporan
- Menyerahkan Laporan Kemajuan (progress report) setiap 6 bulan untuk penelitian resiko tinggi dan setiap setahun untuk penelitian resiko rendah
- Menyerahkan laporan akhir setelah Penelitian berakhir
- Melaporkan penyimpangan dari protokol yang disetujui (protocol deviation / violation)
- Mematuhi semua peraturan yang ditentukan