

References

- American Psychiatric Association. (2022). *Online assessment measures*. Psychiatry.org.
<https://www.psychiatry.org/psychiatrists/practice/dsm/educational-resources/assessment-measures>
- Araki, M., Shinzaki, S., Yamada, T., Arimitsu, S., Komori, M., Shibukawa, N., Mukai, A., Nakajima, S., Kinoshita, K., Kitamura, S., Murayama, Y., Ogawa, H., Yasunaga, Y., Oshita, M., Fukui, H., Masuda, E., Tsujii, M., Kawai, S., Hiyama, S., & Inoue, T. (2020). Psychologic stress and disease activity in patients with inflammatory bowel disease: A multicenter cross-sectional study. *PLOS ONE*, *15*(5), e0233365.
<https://doi.org/10.1371/journal.pone.0233365>
- Barnes, E. L., Kochar, B., Long, M. D., Kappelman, M. D., Martin, C. F., Korzenik, J. R., & Crockett, S. D. (2017). Modifiable risk factors for hospital readmission among patients with inflammatory bowel disease in a nationwide database. *Inflammatory Bowel Diseases*, *23*(6), 875–881. <https://doi.org/10.1097/mib.0000000000001121>
- Bernstein, C. N., Hitchon, C. A., Walld, R., Bolton, J. M., Sareen, J., Walker, J. R., Graff, L. A., Patten, S. B., Singer, A., Lix, L. M., El-Gabalawy, R., Katz, A., Fisk, J. D., & Marrie, R. A. (2019). Increased burden of psychiatric disorders in inflammatory bowel disease. *Inflammatory Bowel Diseases*, *25*(2), 360–368. <https://doi.org/10.1093/ibd/izy235>
- Bernstein, C. N., Zhang, L., Lix, L. M., Graff, L. A., Walker, J. R., Fisk, J. D., Patten, S. B., Hitchon, C. A., Bolton, J. M., Sareen, J., El-Gabalawy, R., Marriott, J., & Marrie, R. A. (2018). The validity and reliability of screening measures for depression and anxiety disorders in inflammatory bowel disease. *Inflammatory Bowel Diseases*, *24*(9), 1867–1875. <https://doi.org/10.1093/ibd/izy068>

- Bhamre, R., Sawrav, S., Adarkar, S., Sakaria, R., & J Bhatia, S. (2018). Psychiatric comorbidities in patients with inflammatory bowel disease. *Indian Journal of Gastroenterology*, 37(4), 307–312. <https://doi.org/10.1007/s12664-018-0870-9>
- Bhandari, S., Larson, M. E., Kumar, N., & Stein, D. (2017). Association of inflammatory bowel disease (IBD) with depressive symptoms in the United States population and independent predictors of depressive symptoms in an IBD population: A NHANES study. *Gut and Liver*, 11(4), 512–519. <https://doi.org/10.5009/gnl16347>
- Bieliński, M., Lesiewska, N., Bielińska, J., Liebert, A., Mieczkowski, A., Sopońska-Brzoszczyk, P., Brzoszczyk, B., Kłopocka, M., & Borkowska, A. (2018). Affective temperament in inflammatory bowel diseases: Another brick in the wall of differentiation. *PLOS ONE*, 13(11), e0205606. <https://doi.org/10.1371/journal.pone.0205606>
- Byrne, G., Rosenfeld, G., Leung, Y., Qian, H., Raudzus, J., Nunez, C., & Bressler, B. (2017). Prevalence of anxiety and depression in patients with inflammatory bowel disease. *Canadian Journal of Gastroenterology & Hepatology*, 2017(6496727). <https://doi.org/10.1155/2017/6496727>
- Calixto, R. P., Flores, C., & Francesconi, C. F. (2018). Inflammatory bowel disease: Impact on scores of quality of life, depression and anxiety in patients attending a tertiary care center in Brazil. *Arquivos de Gastroenterologia*, 55(3), 202–207. <https://doi.org/10.1590/s0004-2803.201800000-54>
- Calloway, A., Dalal, R., Beaulieu, D. B., Duley, C., Annis, K., Gaines, L., Slaughter, C., Schwartz, D. A., & Horst, S. (2017). Depressive symptoms predict anti-tumor necrosis factor therapy noncompliance in patients with inflammatory bowel disease. *Digestive Diseases and Sciences*, 62(12), 3563–3567. <https://doi.org/10.1007/s10620-017-4800-y>

- Chan, W., Shim, H. H., Lim, M. S., Sawadjaan, F. L. B., Isaac, S. P., Chuah, S. W., Leong, R., & Kong, C. (2017). Symptoms of anxiety and depression are independently associated with inflammatory bowel disease-related disability. *Digestive and Liver Disease*, *49*(12), 1314–1319. <https://doi.org/10.1016/j.dld.2017.08.020>
- Chang, L.-Y., Wu, S.-Y., Chiang, C.-E., & Tsai, P.-S. (2017). Depression and self-care maintenance in patients with heart failure: A moderated mediation model of self-care confidence and resilience. *European Journal of Cardiovascular Nursing*, *16*(5), 435–443. <https://doi.org/10.1177/1474515116687179>
- Dahlhamer, J. M., Zammitti, E. P., Ward, B. W., Wheaton, A. G., & Croft, J. B. (2016). Prevalence of inflammatory bowel disease among adults aged ≥ 18 years — United States, 2015. *MMWR. Morbidity and Mortality Weekly Report*, *65*(42), 1166–1169. <https://doi.org/10.15585/mmwr.mm6542a3>
- Dang, D., & Dearholt, S. (2018). *Johns Hopkins nursing evidence-based practice: Model and guidelines* (3rd ed.). Sigma Theta Tau International.
- Gaines, L. S., Slaughter, J. C., Horst, S. N., Schwartz, D. A., Beaulieu, D. B., Haman, K. L., Wang, L., Martin, C. F., Long, M. D., Sandler, R. S., & Kappelman, M. D. (2016). Association between affective-cognitive symptoms of depression and exacerbation of Crohn's disease. *American Journal of Gastroenterology*, *111*(6), 864–870. <https://doi.org/10.1038/ajg.2016.98>
- Gaines, L. S., Slaughter, J. C., Schwartz, D. A., Beaulieu, D. B., Horst, S. N., Dalal, R. L., Scoville, E. A., Sandler, R. S., & Kappelman, M. D. (2020). Does reverse causality underlie the temporal relationship between depression and Crohn's disease? *Inflammatory Bowel Diseases*, *26*(3), 423–428. <https://doi.org/10.1093/ibd/izz123>

Gao, X., Tang, Y., Lei, N., Luo, Y., Chen, P., Liang, C., Duan, S., & Zhang, Y. (2021).

Symptoms of anxiety/depression is associated with more aggressive inflammatory bowel disease. *Scientific Reports*, *11*(1), 1440. <https://doi.org/10.1038/s41598-021-81213-8>

Geiss, T., Schaefert, R. M., Berens, S., Hoffmann, P., & Gauss, A. (2018). Risk of depression in patients with inflammatory bowel disease. *Journal of Digestive Diseases*, *19*(8), 456–467. <https://doi.org/10.1111/1751-2980.12644>

Gracie, D. J., Williams, C. J. M., Sood, R., Mumtaz, S., Bholah, H. M., Hamlin, J. P., & Ford, A. C. (2016). Poor correlation between clinical disease activity and mucosal inflammation, and the role of psychological comorbidity, in inflammatory bowel disease. *American Journal of Gastroenterology*, *111*(4), 541–551. <https://doi.org/10.1038/ajg.2016.59>

Hashash, J. G., Vachon, A., Ramos Rivers, C., Regueiro, M. D., Binion, D. G., Altman, L., Williams, C., & Szigethy, E. (2019). Predictors of suicidal ideation among IBD outpatients. *Journal of Clinical Gastroenterology*, *53*(1), e41–e45. <https://doi.org/10.1097/mcg.0000000000001094>

IsHak, W. W., Pan, D., Steiner, A. J., Feldman, E., Mann, A., Mirocha, J., Danovitch, I., & Melmed, G. Y. (2017). Patient-Reported outcomes of quality of life, functioning, and gi/psychiatric symptom severity in patients with inflammatory bowel disease (IBD). *Inflammatory Bowel Diseases*, *23*(5), 798–803. <https://doi.org/10.1097/mib.0000000000001060>

Jackson, B. D., Con, D., Gorelik, A., Liew, D., Knowles, S., & De Cruz, P. (2018). Examination of the relationship between disease activity and patient-reported outcome measures in an inflammatory bowel disease cohort. *Internal Medicine Journal*, *48*(10), 1234–1241. <https://doi.org/10.1111/imj.13937>

- Jordan, C., Ohlsen, R., Hayee, B., & Chalder, T. (2017). A qualitative study exploring the experience of people with IBD and elevated symptoms of anxiety and low mood and the type of psychological help they would like. *Psychology & Health, 33*(5), 634–651.
<https://doi.org/10.1080/08870446.2017.1381958>
- Keefer, L., & Kane, S. V. (2017). Considering the bidirectional pathways between depression and IBD: Recommendations for comprehensive IBD care. *Gastroenterology and Hepatology, 13*(3), 164–169.
- Kim, M. C., Jung, Y. S., Song, Y. S., Lee, J. I., Park, J. H., Sohn, C. I., Choi, K. Y., & Park, D. I. (2016). Factors associated with anxiety and depression in Korean patients with inactive inflammatory bowel disease. *Gut and Liver, 10*(3). <https://doi.org/10.5009/gnl15188>
- Kochar, B., Barnes, E. L., Long, M. D., Cushing, K. C., Galanko, J., Martin, C. F., Raffals, L. E., & Sandler, R. S. (2018). Depression is associated with more aggressive inflammatory bowel disease. *American Journal of Gastroenterology, 113*(1), 80–85.
<https://doi.org/10.1038/ajg.2017.423>
- Kochar, B., Martin, C. F., Kappelman, M. D., Spiegel, B. M., Chen, W., Sandler, R. S., & Long, M. D. (2018). Evaluation of gastrointestinal patient reported outcomes measurement information system (GI-PROMIS) symptom scales in subjects with inflammatory bowel diseases. *American Journal of Gastroenterology, 113*(1), 72–79.
<https://doi.org/10.1038/ajg.2017.240>
- Kroenke, K., Spitzer, R. L., & Williams, J. B. W. (2001). The PHQ-9: Validity of a brief depression severity measure. *Journal of General Internal Medicine, 16*(9), 606–613.
<https://doi.org/10.1046/j.1525-1497.2001.016009606.x>
- Lichtenstein, G. R., Loftus, E. V., Isaacs, K. L., Regueiro, M. D., Gerson, L. B., & Sands, B. E.

- (2018). ACG clinical guideline: Management of Crohn's Disease in adults. *The American Journal of Gastroenterology*, 113(4), 481–517. <https://doi.org/10.1038/ajg.2018.27>
- Litster, B., Bernstein, C. N., Graff, L. A., Walker, J. R., Fisk, J. D., Patten, S. B., Bolton, J. M., Sareen, J., El-Gabalawy, R., & Marrie, R. A. (2018). Validation of the PHQ-9 for suicidal ideation in persons with inflammatory bowel disease. *Inflammatory Bowel Diseases*, 24(8), 1641–1648. <https://doi.org/10.1093/ibd/izy032>
- Lorig, K. R., & Holman, H. R. (2003). Self-management education: History, definition, outcomes, and mechanisms. *Annals of Behavioral Medicine*, 26(1), 1–7. https://doi.org/10.1207/s15324796abm2601_01
- Ludvigsson, J. F., Olén, O., Larsson, H., Halfvarson, J., Almqvist, C., Lichtenstein, P., & Butwicka, A. (2021). Association between inflammatory bowel disease and psychiatric morbidity and suicide: A Swedish nationwide population-based cohort study with sibling comparisons. *Journal of Crohn's and Colitis*, 15(11), 1824–1836. <https://doi.org/10.1093/ecco-jcc/jjab039>
- Luther, J., & Dave, M. (2019). Rising inflammatory bowel disease prevalence highlights the need for effective, cost-effective therapies. *Inflammatory Bowel Diseases*, 26(4). <https://doi.org/10.1093/ibd/izz203>
- Marín-Jiménez, I., Gobbo Montoya, M., Panadero, A., Cañas, M., Modino, Y., Romero de Santos, C., Guardiola, J., Carmona, L., & Barreiro-de Acosta, M. (2017). Management of the psychological impact of inflammatory bowel disease. *Inflammatory Bowel Diseases*, 23(9), 1492–1498. <https://doi.org/10.1097/mib.0000000000001205>
- Mikocka-Walus, A., Pittet, V., Rossel, J.-B., von Känel, R., & Swiss IBD Cohort Study Group. (2016). Symptoms of depression and anxiety are independently associated with clinical

- recurrence of inflammatory bowel disease. *Clinical Gastroenterology and Hepatology: The Official Clinical Practice Journal of the American Gastroenterological Association*, 14(6), 829-835.e1. <https://doi.org/10.1016/j.cgh.2015.12.045>
- Navabi, S., Gorrepati, V. S., Yadav, S., Chintanaboina, J., Maher, S., Demuth, P., Stern, B., Stuart, A., Tinsley, A., Clarke, K., Williams, E. D., & Coates, M. D. (2018). Influences and impact of anxiety and depression in the setting of inflammatory bowel disease. *Inflammatory Bowel Diseases*, 24(11), 2303–2308. <https://doi.org/10.1093/ibd/izy143>
- Nguyen, G. C., Chong, C. A., & Chong, R. Y. (2014). National estimates of the burden of inflammatory bowel disease among racial and ethnic groups in the United States. *Journal of Crohn's and Colitis*, 8(4), 288–295. <https://doi.org/10.1016/j.crohns.2013.09.001>
- Page, M. J., McKenzie, J. E., Bossuyt, P. M., Boutron, I., Hoffmann, T. C., Mulrow, C. D., Shamseer, L., Tetzlaff, J. M., Akl, E. A., Brennan, S. E., Chou, R., Glanville, J., Grimshaw, J. M., Hróbjartsson, A., Lalu, M. M., Li, T., Loder, E. W., Mayo-Wilson, E., McDonald, S., & McGuinness, L. A. (2021). The PRISMA 2020 statement: An updated guideline for reporting systematic reviews. *BMJ*, 372(71), n71. <https://doi.org/10.1136/bmj.n71>
- Pfizer Inc. (2010, June 21). *Pfizer to offer free public access to mental health assessment tools to improve diagnosis and patient care* | [pfpfizeruscom](https://www.pfizer.com/news/press-release/press-release-detail/pfizer_to_offer_free_public_access_to_mental_health_assessment_tools_to_improve_diagnosis_and_patient_care). Pfizer.com. https://www.pfizer.com/news/press-release/press-release-detail/pfizer_to_offer_free_public_access_to_mental_health_assessment_tools_to_improve_diagnosis_and_patient_care
- Rubin, D. T., Sninsky, C., Siegmund, B., Sans, M., Hart, A., Bressler, B., Bouhnik, Y., Armuzzi, A., & Afzali, A. (2021). International perspectives on management of inflammatory

- bowel disease: Opinion differences and similarities between patients and physicians from the IBD GAPPS survey. *Inflammatory Bowel Diseases*, 27(12), 1942–1953.
<https://doi.org/10.1093/ibd/izab006>
- Siu, A. L., Bibbins-Domingo, K., Grossman, D. C., Baumann, L. C., Davidson, K. W., Ebell, M., García, F. A. R., Gillman, M., Herzstein, J., Kemper, A. R., Krist, A. H., Kurth, A. E., Owens, D. K., Phillips, W. R., Phipps, M. G., & Pignone, M. P. (2016). Screening for depression in adults. *JAMA*, 315(4), 380–387. <https://doi.org/10.1001/jama.2015.18392>
- Sun, Y., Fu, Z., Bo, Q., Mao, Z., Ma, X., & Wang, C. (2020). The reliability and validity of PHQ-9 in patients with major depressive disorder in psychiatric hospital. *BMC Psychiatry*, 20(1). <https://doi.org/10.1186/s12888-020-02885-6>
- Tomazoni, E. I., & Benvegnù, D. M. (2018). Symptoms of anxiety and depression, and quality of life of patients with Crohn's disease. *Arquivos de Gastroenterologia*, 55(2), 148–153.
<https://doi.org/10.1590/s0004-2803.201800000-26>
- Tsui, J. J., & Huynhb, H. Q. (2018). Is top-down therapy a more effective alternative to conventional step-up therapy for Crohn's disease? *Annals of Gastroenterology*, 31(4).
<https://doi.org/10.20524/aog.2018.0253>
- Williet, N., Sarter, H., Gower-Rousseau, C., Adrianjafy, C., Olympie, A., Buisson, A., Beaugerie, L., & Peyrin-Biroulet, L. (2017). Patient-reported outcomes in a french nationwide survey of inflammatory bowel disease patients. *Journal of Crohn's and Colitis*, 11(2), 165–174. <https://doi.org/10.1093/ecco-jcc/jjw145>
- Wong, J. J., Sceats, L., Dehghan, M., Wren, A. A., Sellers, Z. M., Limketkai, B. N., Bensen, R., Kin, C., & Park, K. T. (2019). Depression and health care use in patients with inflammatory bowel disease. *Journal of Crohn's and Colitis*, 13(1), 19–26.

<https://doi.org/10.1093/ecco-jcc/jjy145>

Yan, X., Qiao, Y., Tong, J., Mao, R., Liang, J., Lv, C., Chen, Y., Wang, Y., & Shen, J. (2020).

Assessment of patient-centered outcomes (pros) in inflammatory bowel disease (IBD): A multicenter survey preceding a cross-disciplinary (functional) consensus. *Health and Quality of Life Outcomes*, 18(1). <https://doi.org/10.1186/s12955-020-01489-8>

Ye, Y., Manne, S., & Bennett, D. (2018). Prevalence of inflammatory bowel disease in the U.S.

adult population: Recent estimates from large population-based national databases. *American Journal of Gastroenterology*, 113(Supplement), S373–S374.

<https://doi.org/10.14309/00000434-201810001-00654>