Patient-Rated Unmet Needs and Their Relationship with Academic Adjustment

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Abstract

This study aims to examine the relationship between patient-rated unmet needs and academic adjustment. The concept of patient-rated unmet needs refers to areas of healthcare where patients perceive that their needs are not being adequately met. These needs can encompass physical, emotional, and social aspects of care and can vary from person to person. Patient-rated unmet needs have been developed to understand the patients' perspective on their healthcare and to identify areas where improvements can be made. It is important for healthcare providers to actively assess and address patient-rated unmet needs in order to improve patient satisfaction and health outcomes. Serious mental illness (SMI) is a term used to describe a range of severe mental health conditions that can have a significant impact on a person's ability to function in daily life. These conditions include disorders such as schizophrenia, bipolar disorder, and major depression. Individuals living with SMI often experience a wide range of challenges and may have significant unmet needs related to their mental health. In the context of patient-rated unmet needs, individuals with SMI may experience a lack of access to appropriate mental health services or a lack of emotional support. This can lead to increased stress, anxiety, and depression, which can negatively impact their ability to function and overall well-being. The relationship between patient-rated unmet needs and academic adjustment is complex and can vary depending on the individual. However, research has shown that students who have unmet healthcare needs may struggle with academic adjustment. The study will explore the specific ways in which unmet healthcare needs can impact academic adjustment, and the potential strategies for addressing these needs in the university setting. The results of the study will provide insight into the importance of addressing patient-rated unmet needs in order to improve academic outcomes for students.

Introduction

Patient-rated unmet needs refer to areas of healthcare where patients feel their needs are not being adequately met. These needs can include physical, emotional, and social aspects of care. One common example of a patient-rated unmet need is inadequate pain management. Patients may feel that their pain is not being adequately controlled, or that they are not receiving appropriate treatment options. This can lead to dissatisfaction with care, and can negatively impact a patient's

recovery and overall well-being. Another example of a patient-rated unmet need is a lack of emotional support. Patients may feel that their mental health needs are not being addressed, or that they are not receiving adequate counseling or therapy. This can lead to increased anxiety, depression, and other mental health issues, which can negatively impact a patient's overall health and recovery.

Patient-rated unmet needs can also include social needs, such as a lack of support from family and friends. Patients may feel isolated and alone, and may not have access to the resources and support they need to cope with their condition. This can lead to increased stress and anxiety, and can negatively impact a patient's overall well-being. It is important for healthcare providers to actively assess and address patient-rated unmet needs. This can involve regular communication with patients, and actively seeking feedback on their experience of care. By identifying and addressing patient-rated unmet needs, healthcare providers can improve patient satisfaction, and ultimately improve outcomes and overall health.

Patient-rated unmet needs are defined as areas of healthcare where patients perceive that their needs are not being adequately met. These needs can encompass physical, emotional, and social aspects of care and can vary from person to person. The concept of patient-rated unmet needs has been developed to understand the patients' perspective on their healthcare and to identify areas where improvements can be made.

One key aspect of defining patient-rated unmet needs is understanding that they are subjective. What one patient may perceive as an unmet need, another may not. Therefore, it is important to actively seek out patient feedback and perspectives to identify these needs. This can be done through surveys, interviews, or other forms of patient engagement.

Another important aspect of defining patient-rated unmet needs is that they can be categorized into different domains. Physical needs may include issues related to pain management, mobility, or access to medical treatments. Emotional needs may include mental health support, counseling, or access to therapy. Social needs may include support from family and friends, access to community resources, or assistance with transportation. By understanding these different domains, healthcare providers can better target specific areas where improvements are needed. Patient-rated unmet needs can also be influenced by various factors such as patient's demographic, medical condition, and socio-economic status. For example, older adults may have different unmet needs than younger patients, and patients with chronic conditions may have different needs than those with acute conditions. Understanding these factors can help healthcare providers to tailor their approach to addressing patient-rated unmet needs. Patient-rated unmet needs are an important aspect of healthcare that should be actively sought out and addressed. By understanding that these needs are subjective, identifying different domains, and considering the influence of various factors, healthcare providers can improve the overall quality of care for their patients. By doing so, they can improve patient satisfaction and health outcomes.

Serious mental illness (SMI) is a term used to describe a range of severe mental health conditions that can have a significant impact on a person's ability to function in daily life. These conditions include disorders such as schizophrenia, bipolar disorder, and major depression. Individuals living with SMI often experience a wide range of challenges and may have significant unmet needs related to their mental health. In the context of patient-rated unmet needs, individuals with SMI may experience a lack of access to appropriate mental health services. This can include a lack of access to specialized providers, long wait times for appointments, or a lack of continuity of care. Without access to appropriate services, individuals with SMI may struggle to manage their symptoms and may experience increased disability and reduced quality of life.

Another area where individuals with SMI may experience unmet needs is in the realm of social support. Individuals with SMI may have difficulty forming and maintaining relationships and may feel isolated and alone. This can lead to increased stress and anxiety, which can further exacerbate symptoms of their illness. Individuals with SMI may also experience unmet needs related to their physical health. They may have difficulty accessing primary care services and may have higher rates of chronic health conditions. This can lead to a lack of coordinated care and can negatively impact overall health outcomes. It is important for healthcare providers to actively assess and address patient-rated unmet needs in individuals with SMI. This can involve regular communication with patients, and actively seeking feedback on their experience of care. By identifying and addressing patient-rated unmet needs, healthcare providers can improve patient satisfaction, and ultimately improve outcomes and overall health for individuals living with SMI.

Patient-rated unmet needs and academic adjustment

The relationship between patient-rated unmet needs and academic adjustment is complex and can vary depending on the individual. However, research has shown that students who have unmet healthcare needs may struggle with academic adjustment. One area where patient-rated unmet needs can impact academic adjustment is in the realm of mental health. Students who have unmet mental health needs may experience increased stress, anxiety, and depression, which can negatively impact their ability to focus and perform academically. This can lead to decreased academic performance and difficulty in completing assignments and exams. The relationship between patient-rated unmet needs and mental health is complex, but research has shown that unmet healthcare needs can have a significant impact on mental health.

One way that patient-rated unmet needs can impact mental health is through the development of mental health conditions such as depression and anxiety. When individuals have unmet healthcare needs, they may experience chronic stress, which can lead to the development of these conditions. Additionally, individuals who have unmet healthcare needs may feel frustrated, helpless, and hopeless, which can also contribute to the development of mental health conditions.

Another way that patient-rated unmet needs can impact mental health is by exacerbating existing mental health conditions. For example, individuals with unmet needs for pain management may experience increased anxiety and depression due to ongoing pain, or individuals with unmet needs for mental health services may experience an increase in symptoms of their condition.

Patient-rated unmet needs can also impact mental health by creating a sense of isolation and loneliness. Individuals who have unmet needs may feel that they are not receiving the support they need and can feel isolated from others, which can further contribute to mental health conditions.

It is important for healthcare providers to actively assess and address patient-rated unmet needs in order to improve mental health outcomes. This can involve regular communication with patients, and actively seeking feedback on their experience of care. By identifying and addressing patient-rated unmet needs, healthcare providers can improve patient satisfaction and ultimately improve mental health outcomes. In conclusion, patient-rated unmet needs can have a significant impact on mental health. Unmet healthcare needs can lead to the development of mental health conditions, exacerbate existing conditions, and create a sense of isolation. By actively identifying and addressing patient-rated unmet needs, healthcare providers can improve mental health outcomes.

Another area where patient-rated unmet needs can impact academic adjustment is physical health. Students who have unmet physical health needs may experience pain, fatigue, and decreased energy, which can make it difficult for them to attend classes and participate in academic activities. This can lead to reduced academic performance and difficulty in keeping up with coursework. Patient-rated unmet needs can also impact academic adjustment by affecting a student's ability to socialize and form relationships. Students who have unmet social needs may experience isolation and loneliness, which can negatively impact their overall well-being, including their academic adjustment.

The relationship between patient-rated unmet needs and physical health is complex, but research has shown that unmet healthcare needs can have a significant impact on physical health outcomes.

One way that patient-rated unmet needs can impact physical health is by delaying or preventing individuals from receiving appropriate medical treatment. For example, individuals with unmet needs for primary care may not receive preventive screenings or timely diagnoses of conditions such as hypertension or diabetes. This can lead to complications, and ultimately, poorer health outcomes.

Another way that patient-rated unmet needs can impact physical health is by exacerbating existing medical conditions. For example, individuals with unmet needs for pain management may experience increased pain, which can lead to decreased mobility and difficulty in performing activities of daily living.

Patient-rated unmet needs can also impact physical health by creating a sense of hopelessness and helplessness. Individuals who have unmet needs may feel that they are not receiving the support they need and can feel isolated from others, which can further contribute to physical health deterioration.

It is important for healthcare providers to actively assess and address patient-rated unmet needs in order to improve physical health outcomes. This can involve regular communication with patients, and actively seeking feedback on their experience of care. By identifying and addressing patient-rated unmet needs, healthcare providers can improve patient satisfaction and ultimately improve physical health outcomes.

In conclusion, patient-rated unmet needs can have a significant impact on physical health. Unmet healthcare needs can delay or prevent individuals from receiving appropriate medical treatment, exacerbate existing conditions, and create a sense of hopelessness. By actively identifying and addressing patient-rated unmet needs, healthcare providers can improve physical health outcomes.

It is important for universities and colleges to actively assess and address patient-rated unmet needs among their students. This can include providing access to mental health services, primary care, and support resources, as well as promoting overall well-being and providing opportunities for students to connect with peers. By addressing patient-rated unmet needs, universities and colleges can improve academic adjustment and overall student well-being.

In conclusion, there is a relationship between patient-rated unmet needs and academic adjustment. Unmet healthcare needs can negatively impact students' mental and physical health, which can lead to reduced academic performance and difficulty in completing coursework. Universities and colleges should actively assess and address patient-rated unmet needs to improve academic adjustment and overall student well-being.

Strategies

Strategies to combat patient-rated unmet needs can involve a combination of approaches, including improving access to healthcare services, enhancing patient engagement and communication, and providing social support.

One effective strategy is to improve access to healthcare services by increasing the availability of primary care providers, reducing wait times for appointments, and enhancing continuity of care. This can help to ensure that individuals receive the care they need when they need it, which can help to prevent the development of unmet needs.

Another important strategy is to enhance patient engagement and communication. This can involve actively seeking out patient feedback, providing education on health conditions, and involving patients in the development of treatment plans. By engaging with patients and involving them in their care, healthcare providers can better understand the individual needs of patients and develop personalized plans to address those needs.

Social support is also an important strategy to combat patient-rated unmet needs. This can involve connecting individuals with community resources, such as support groups or peer networks. Additionally, providing support and education to family and friends can help them to better understand and support their loved ones.

Another strategy is to integrate mental and physical healthcare. This can involve providing coordinated care between primary care providers and mental health specialists. This can help to identify and address unmet needs, and improve overall health outcomes.

Finally, another strategy is to improve overall health literacy. This can involve educating the public about health and encouraging individuals to seek help when needed. By increasing health literacy, individuals will be more likely to understand their health conditions and make informed decisions about their care.

In conclusion, combatting patient-rated unmet needs can be achieved through a combination of strategies, including improving access to healthcare services, enhancing patient engagement and communication, providing social support, integrating mental and physical healthcare, and improving overall health literacy. By implementing these strategies, healthcare providers can help to identify and address unmet needs and improve overall health outcomes.

There are several strategies that can be implemented to combat the negative impacts of patient-rated unmet needs on mental health. One strategy is to improve access to mental health services. This can involve increasing the number of mental health providers,

reducing wait times for appointments, and increasing continuity of care. By providing access to appropriate services, individuals with unmet mental health needs can receive the care they need to manage their symptoms. Another strategy is to improve patient engagement and communication. This can involve actively seeking out patient feedback, providing education on mental health conditions, and involving patients in the development of treatment plans. By engaging with patients and involving them in their care, healthcare providers can help to identify and address unmet needs, which can improve mental health outcomes.

Social support is another important strategy. This can involve connecting individuals with community resources, such as support groups or peer networks. Additionally, providing support and education to family and friends can help them to better understand and support their loved ones. Integration of mental and physical healthcare is another strategy. This can involve providing coordinated care between primary care providers and mental health specialists. This can help to identify and address unmet needs and improve overall health outcomes.

Finally, another strategy is to improve the overall mental health literacy and reducing the stigma associated with mental health conditions. This can involve educating the public about mental health and encouraging individuals to seek help when needed. By reducing the stigma associated with mental health, individuals will be more likely to seek help, which can improve overall mental health outcomes. In conclusion, there are several strategies that can be implemented to combat the negative impacts of patient-rated unmet needs on mental health. These strategies include improving access to mental health services, improving patient engagement and communication, providing social support, integrating mental and physical healthcare, and improving overall mental health literacy. By implementing these strategies, healthcare providers can help to identify and address unmet needs and improve mental health outcomes.

There are several strategies that can be implemented to combat the negative impacts of patient-rated unmet needs on physical health. One strategy is to improve access to primary care and specialty services. This can involve increasing the number of primary care providers, reducing wait times for appointments, and increasing continuity of care. By providing access to appropriate services, individuals with unmet physical health needs can receive the care they need to manage their symptoms.

Another strategy is to improve patient engagement and communication. This can involve actively seeking out patient feedback, providing education on physical health conditions, and involving patients in the development of treatment plans. By engaging with patients

and involving them in their care, healthcare providers can help to identify and address unmet needs, which can improve physical health outcomes.

Social support is another important strategy. This can involve connecting individuals with community resources, such as support groups or peer networks. Additionally, providing support and education to family and friends can help them to better understand and support their loved ones. Integration of mental and physical healthcare is another strategy. This can involve providing coordinated care between primary care providers and mental health specialists. This can help to identify and address unmet needs and improve overall health outcomes.

Finally, another strategy is to improve health literacy. This can involve educating the public about physical health and encouraging individuals to seek help when needed. By increasing health literacy, individuals will be more likely to understand their health conditions, and make informed decisions about their care, which can improve overall physical health outcomes. In conclusion, there are several strategies that can be implemented to combat the negative impacts of patient-rated unmet needs on physical health. These strategies include improving access to primary care and specialty services, improving patient engagement and communication, providing social support, integrating mental and physical healthcare, and improving health literacy. By implementing these strategies, healthcare providers can help to identify and address unmet needs and improve physical health outcomes.

Conclusion

Patient-rated unmet needs refer to areas of healthcare where patients feel their needs are not being adequately met. These needs can include physical, emotional, and social aspects of care. One common example of a patient-rated unmet need is inadequate pain management, where patients may feel that their pain is not being adequately controlled, or that they are not receiving appropriate treatment options. This can lead to dissatisfaction with care, and can negatively impact a patient's recovery and overall well-being. Another example of a patient-rated unmet need is a lack of emotional support. Patients may feel that their mental health needs are not being addressed, or that they are not receiving adequate counseling or therapy. This can lead to increased anxiety, depression, and other mental health issues, which can negatively impact a patient's overall health and recovery.

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The relationship between patient-rated unmet needs and academic adjustment is complex and can vary depending on the individual. However, research has shown that students who have unmet healthcare needs may struggle with academic adjustment. Unmet healthcare needs can negatively impact students' mental and physical health, which can lead to reduced academic performance and difficulty in completing coursework. Universities and colleges should actively assess and address patient-rated unmet needs to improve academic adjustment and overall student well-being. The relationship between patient-rated unmet needs and mental health is complex, but research has shown that unmet healthcare needs can have a significant impact on mental health.

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References

- Stefanatou, P., Giannouli, E., Konstantakopoulos, G., Vitoratou, S. & Mavreas, V. EPA-1030 – The greek version of the camberwell assessment of need: psychometric properties and associations with quality of life and social disability in schizophrenia. *Eur. Psychiatry* 29, 1 (2014).
- Mayer, M. L., Skinner, A. C., Slifkin, R. T. & National Survey of Children
 With Special Health Care Needs. Unmet need for routine and specialty care:
 data from the National Survey of Children With Special Health Care Needs.

 Pediatrics 113, e109-15 (2004).

- 3. Berkman, A. M., Mittal, N. & Roth, M. E. Adolescent and young adult cancers: unmet needs and closing the gaps. *Curr. Opin. Pediatr.* **35**, 84–90 (2023).
- 4. Stefanatou, P. *et al.* Patient-reported needs predict perceived psychosocial disability and quality of life beyond symptom severity in schizophrenia. *Disabil. Rehabil.* 1–9 (2022).
- 5. Pirana, V. & "Raising Awareness of the Unmet Needs of Breast Cancer in Kosovo" Implemented by: GoldMinds for the "Renaissance" Association, Kosovo. Research on the situation of breast cancer in Kosovo. *J Dise Dis Tre* 1–5 (2022).
- 6. Maurer, M. *et al.* Chronic idiopathic urticaria (CIU) is no longer idiopathic: time for an update. *Br. J. Dermatol.* **168**, 455–456 (2013).
- 7. Stefanatou Pentagiotissa, S. P., George Konstantakopoulos, G. K., Eleni Giannouli, E. G., Silia Vitoratou, S. V. & Venetsanos Mavreas, V. M. The relationship between patients' needs and psychopathology in schizophrenia:

 Do patients and therapists agree? *Eur. Psychiatry* **30**, 1376 (2015).
- 8. Çay, H. F. *et al.* Evaluation of disease burden, patient journey, unmet diagnosis and treatment needs of patients with HIP and knee osteoarthritis in Turkey: A study through Delphi Methodology. *Osteoarthr. Cartil. Open* 5, 100332 (2023).
- 9. Tai-Seale, M. *et al.* Unmet needs for food, medicine, and mental health services among vulnerable older adults during the COVID-19 pandemic. *Health Serv. Res.* **58 Suppl 1**, 69–77 (2023).

- Stefanatou, P., Konstantakopoulos, G., Giannouli, E., Ioannidi, N. & Mavreas, V. Patients' needs as an outcome measure in schizophrenia. *Eur. Psychiatry* 33, S453–S453 (2016).
- 11. Antonsdottir, I. M. *et al.* The associations between unmet needs with protective factors, risk factors and outcomes among care partners of community-dwelling persons living with dementia. *Aging Ment. Health* **27**, 334–342 (2023).
- 12. Jensterle, M., Rizzo, M. & Janež, A. Semaglutide in obesity: Unmet needs in men. *Diabetes Ther.* (2023) doi:10.1007/s13300-022-01360-7.
- 13. Quaglino, P. et al. Identifying unmet needs and challenges in the definition of a plaque in mycosis fungoides: An EORTC-CLTG/ISCL survey. *J. Eur. Acad. Dermatol. Venereol.* (2023) doi:10.1111/jdv.18852.
- 14. Hatzimanolis, A. *et al.* Familial and socioeconomic contributions to premorbid functioning in psychosis: Impact on age at onset and treatment response. *Eur. Psychiatry* **63**, e44 (2020).
- 15. Langhorne, P. & Ricci, S. Unmet needs in acute stroke medicine. *Neurol. Sci.* (2023) doi:10.1007/s10072-022-06595-7.
- 16. Bergerot, C. D., Wang, A. W.-T., Dégi, L. C., Bahcivan, O. & Kim, Y. Cancer patients' unmet needs in three low- to middle- income countries: Perspectives from health care providers. *Cancer Invest.* 1–8 (2023).
- 17. Stefanatou, P. *et al.* Premorbid adjustment predictors of cognitive dysfunction in schizophrenia. *Psychiatry Res.* **267**, 249–255 (2018).
- 18. Berr, K. *et al.* Analyzing web searches for axial spondyloarthritis in Germany: a novel approach to exploring interests and unmet needs. *Rheumatol. Int.* (2023) doi:10.1007/s00296-023-05273-x.

- 19. Henning-Smith, C., Lahr, M., Mulcahy, J. & MacDougall, H. Unmet needs for help with mobility limitations among older adults aging in place: The role of rurality. *J. Aging Health* 8982643231151777 (2023).
- Xenaki, L.-A. *et al.* Organization framework and preliminary findings from the Athens First-Episode Psychosis Research Study. *Early Interv. Psychiatry* 14, 343–355 (2020).
- 21. van Biljon, H. *et al.* Correction: The health equity characteristics of research exploring the unmet community mobility needs of older adults: a scoping review. *BMC Geriatr.* **23**, 19 (2023).
- Furness, M. S. *et al.* Modeling Approaches to Reimagine Stability (MARS) for enabling earlier access to critical drugs for patients with unmet medical needs.
 AAPS PharmSciTech 24, 35 (2023).
- 23. Konstantakopoulos, G. *et al.* The impact of neurocognition on mentalizing in euthymic bipolar disorder versus schizophrenia. *Cogn. Neuropsychiatry* **25**, 405–420 (2020).
- 24. Gitterman, D. P., Hay, W. W., Jr & Langford, W. S. The NIH childhood adversity portfolio: unmet needs, emerging challenges. *Pediatr. Res.* (2023) doi:10.1038/s41390-022-02440-x.
- 25. Tabari-Khomeiran, R. *et al.* Unmet care needs in breast cancer survivors: An integrative review. *J. Holist. Nurs. Midwifery* **33**, 1–14 (2023).
- 26. Kritikou, M. & Giovazolias, T. Emotion regulation, academic buoyancy, and academic adjustment of university students within a self-determination theory framework: A systematic review. *Front. Psychol.* **13**, 1057697 (2022).

- 27. Wei, W., Witherspoon, D. P., Hughes, D. & Way, N. Chinese American adolescents' academic performance and psychological adjustment: The role of neighborhood and family. *Asian Am. J. Psychol.* **12**, 26–40 (2021).
- 28. Xenaki, L. A. *et al.* The relationship between early symptom severity, improvement and remission in first episode psychosis with jumping to conclusions. *Schizophr. Res.* **240**, 24–30 (2022).
- 29. Smith, S. M. *et al.* Abstract B042: Understanding unmet needs of adult survivors of childhood cancer in California's Salinas Valley: A community-academic partnership to develop programs for families after cancer treatment. *Cancer Epidemiol. Biomarkers Prev.* **32**, B042–B042 (2023).
- 30. Vassileva, S. *et al.* Unmet palliative care needs of a child with cancer in Indonesia. *Psychooncology* **32**, 170–173 (2023).
- 31. The effect of locus of control, cultural intelligence and academic self-efficacy on the academic adjustment among Yemeni students in turkey. *aijssr* 1–16 (2022).
- 32. Jung, S. The mediating effect of core self-evaluation on the relationship between college students' academic stress and college life adjustment. *J. Humanit. Soc. Sci. 21* **12**, 1091–1104 (2021).
- 33. Dimitrakopoulos, S. *et al.* Don't blame psychosis, blame the lack of services: a message for early intervention from the Greek standard care model. *BMC Psychiatry* **22**, 565 (2022).
- 34. Kim, Y. M., Kim, J. & Academic Society of Global Business Administration. Employee adjustment costs and asymmetric cost behavior. *Acad. Soc. Glob. Bus. Adm.* **19**, 272–292 (2022).

- 35. Almukhambetova, A. & Hernández-Torrano, D. On being gifted at university: Academic, social, emotional, and institutional adjustment in Kazakhstan. *J. Adv. Acad.* **32**, 70–91 (2021).
- 36. Ogakwu, N. V. *et al.* School-based intervention for academic stress management and school adjustment among industrial technical education students: Implications for educational administrators. *Medicine (Baltimore)* **102**, e32547 (2023).
- Plevinsky, J. M., Maddux, M. H., Fishman, L. N., Kahn, S. A. & Greenley,
 R. N. Perceived effect of pediatric inflammatory bowel diseases on academics,
 college planning, and college adjustment. *J Am. Coll. Health* 70, 940–947 (2022).