

Mental Well-being and Mental Health Education for Managing Suicidality in Students

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Mental well-being and mental health education are critical components in managing suicidality among students. The rising prevalence of mental health issues, including suicidal ideation and behaviors among students, necessitates a comprehensive approach that integrates mental well-being initiatives and educational programs. This paper explores the significance of mental health education in preventing suicide, emphasizing evidence-based strategies and interventions.

The Importance of Mental Well-being in Students

Mental well-being encompasses emotional, psychological, and social aspects of an individual's life, influencing how they think, feel, and act. For students, mental well-being is particularly important as it affects their academic performance, social interactions, and overall quality of life. Poor mental health can lead to increased stress, anxiety, depression, and ultimately, suicidal behaviors. According to the World Health Organization (WHO), suicide is the second leading cause of death among 15-29-year-olds globally.

Role of Mental Health Education

Mental health education plays a vital role in promoting awareness, reducing stigma, and providing students with the tools they need to manage their mental health effectively. Educational programs that focus on mental health can help students recognize the signs of mental distress in themselves and others, understand the importance of seeking help, and develop coping strategies to manage stress and emotional challenges.

1. **Awareness and Early Detection:** Educational initiatives can enhance students' awareness of mental health issues and the importance of early intervention. By recognizing the symptoms of mental health disorders early, students can seek help before their condition worsens. Research has shown that early intervention is crucial in preventing the escalation of mental health problems and reducing the risk of suicide.
2. **Reducing Stigma:** Stigma surrounding mental health issues often prevents students from seeking help. Mental health education can challenge these stigmas by providing accurate information about mental health conditions and promoting a culture of acceptance and support. Programs that include discussions about mental health, sharing of personal stories, and active participation can significantly reduce stigma and encourage help-seeking behaviors.
3. **Coping Strategies and Resilience:** Teaching students effective coping strategies and resilience skills is essential for managing stress and emotional challenges. Cognitive-behavioral techniques, mindfulness practices, and stress management exercises can empower students to handle adverse situations without resorting to harmful behaviors. Studies have demonstrated that students who receive training in these areas are better equipped to manage their emotions and are less likely to engage in suicidal behaviors.

Evidence-Based Interventions

1. **School-Based Mental Health Programs:** Implementing comprehensive mental health programs in schools can provide students with continuous support and resources. These programs often include mental health education, counseling services, peer support groups, and crisis intervention strategies. Evaluations of school-based mental health programs have shown positive outcomes in reducing suicidal ideation and behaviors among students.

2. **Gatekeeper Training:** Gatekeeper training programs educate teachers, school staff, and peers to identify signs of mental distress and suicidal behavior in students. Trained gatekeepers can provide initial support and refer students to appropriate mental health services. Research indicates that gatekeeper training effectively increases knowledge and skills related to suicide prevention, ultimately reducing the incidence of suicide attempts.
3. **Community and Parental Involvement:** Engaging the broader community, including parents, in mental health education can create a supportive environment for students. Community programs that involve parents and caregivers in mental health awareness and education help reinforce positive messages and provide additional support networks for students. Parental involvement has been linked to improved mental health outcomes and lower rates of suicidal behavior in students.

Mental well-being and mental health education are indispensable for managing suicidality in students. By raising awareness, reducing stigma, and teaching coping strategies, educational initiatives can significantly impact students' mental health and reduce the risk of suicide. Implementing evidence-based interventions, such as school-based mental health programs and gatekeeper training, can provide the necessary support and resources to foster a safe and supportive environment for students. As educational institutions and communities continue to prioritize mental health, the incidence of suicide among students can be effectively reduced, promoting a healthier, more resilient student population.

Suicide, suicide attempts, and suicidal thoughts among the student population in India present a significant public health concern. Several studies highlight the prevalence and factors contributing to these issues, often comparing them with global trends.

Suicide Rates and Attempts among Indian Students

Prevalence and Rates: India has seen an alarming rise in suicide rates among students. A study by Gururaj et al. (2016) reported that suicide is the leading cause of death among Indian youth aged 15-29 years, with rates varying by region and socioeconomic status. The National Crime Records Bureau (NCRB) of India reported 10,159 student suicides in 2018, indicating a concerning trend despite various interventions (NCRB, 2018).

Risk Factors:

Academic Pressure: High academic expectations, competitive exams (such as IIT-JEE, NEET), and parental pressure contribute significantly.

Psychological Distress: Depression, anxiety, and substance abuse are common precursors to suicidal thoughts.

Social and Cultural Factors: Stigma around mental health issues and lack of awareness contribute to underreporting and delayed intervention (Kumar et al., 2020).

Global Comparison

Western Context: Studies in the United States and Europe also highlight academic stress and mental health issues among students. The American College Health Association (ACHA) reports a high prevalence of depression and suicidal thoughts among college students (ACHA, 2019). However, access to mental health services and awareness campaigns may differ, impacting reporting and intervention rates.

Asian Contexts: Countries like South Korea and Japan also face significant student suicide rates, often linked to academic pressures and societal expectations (OECD, 2020).

The issue of suicide and mental health among Indian students reflects broader global trends but is influenced by unique cultural, educational, and socioeconomic factors. Effective prevention strategies must address these complexities, focusing on early identification, reducing stigma, and improving access to mental health resources.

Theoretical Concepts for Managing Suicidality in Students

Suicidality among students is a critical public health issue that requires comprehensive theoretical frameworks to understand and manage effectively. Theoretical concepts provide a foundation for developing interventions and preventive strategies that address the multifaceted nature of suicidal behaviors. Several theoretical models that are pertinent to managing suicidality in students, including the Interpersonal Theory of Suicide, the Integrated Motivational-Volitional Model of Suicidal Behavior, Cognitive-Behavioral Theory, and Ecological Systems Theory. These frameworks offer insights into the risk factors, mechanisms, and preventive strategies for suicidality among students.

Interpersonal Theory of Suicide

The Interpersonal Theory of Suicide, developed by Thomas Joiner, posits that suicidal behavior results from the combination of two primary psychological states: perceived burdensomeness and thwarted belongingness. Perceived burdensomeness is the belief that one is a burden to others, leading to feelings of self-hatred and worthlessness. Thwarted belonging refers to a sense of alienation and lack of meaningful connections with others.

According to this theory, the desire for suicide arises when these two states are present simultaneously. The capability for suicide, which involves overcoming the innate fear of death, is acquired through repeated exposure to painful or provocative experiences. This model underscores the importance of social connectedness and supportive relationships in preventing suicidality among students. Interventions based on this theory focus on reducing feelings of burdensomeness and enhancing social support networks to mitigate the risk of suicidal behavior.

Integrated Motivational-Volitional Model of Suicidal Behavior

The Integrated Motivational-Volitional (IMV) Model of Suicidal Behavior, proposed by Rory O'Connor, provides a comprehensive framework that delineates the process from suicidal ideation to suicidal behavior. The model consists of three phases: pre-motivational, motivational, and volitional.

The pre-motivational phase includes background factors such as genetic, personality, and environmental influences that predispose individuals to suicidal behavior.

The motivational phase focuses on the development of suicidal ideation, driven by factors such as defeat, humiliation, entrapment, and lack of prospects. Protective factors, like social support and problem-solving skills, can counteract these drivers.

The volitional phase involves the transition from ideation to action, influenced by factors such as access to means, exposure to suicidal behavior in others, and the presence of mental health disorders.

The IMV model highlights the need for interventions that address both the cognitive and environmental factors contributing to suicidal ideation and the volitional factors that facilitate the transition to suicidal behavior. For students, this means implementing strategies that enhance coping skills, foster resilience, and restrict access to suicide.

Cognitive-Behavioral Theory

Cognitive-Behavioral Theory (CBT) provides a framework for understanding how negative thought patterns and behaviors contribute to suicidal ideation and attempts. CBT posits that maladaptive cognitive processes, such as hopelessness, black-and-white thinking, and catastrophic thinking, can lead to emotional distress and suicidal behavior.

CBT-based interventions aim to identify and modify these negative thought patterns through cognitive restructuring, behavioral activation, and skills training. For students, CBT can be particularly effective in addressing academic-related stress, social pressures, and self-esteem issues that contribute to suicidal ideation. Teaching students to challenge irrational thoughts, develop problem-solving skills, and engage in positive activities can reduce the risk of suicide.

Ecological Systems Theory

Ecological Systems Theory, developed by Urie Bronfenbrenner, emphasizes the complex interplay between individuals and their environmental contexts. This theory posits that behavior is influenced by multiple layers of the environment, from immediate settings like family and school (microsystem) to broader societal and cultural influences (macrosystem).

Applying this theory to suicidality in students involves examining the various environmental factors that contribute to suicidal behavior. For example, family dynamics, peer relationships, school climate, and community resources all play a role in shaping students' mental health. Interventions based on this theory focus on creating supportive environments across these different levels, such as implementing school-wide mental health programs, fostering positive family relationships, and promoting community engagement.

Managing suicidality in students requires a multifaceted approach grounded in robust theoretical frameworks. The Interpersonal Theory of Suicide, Integrated Motivational-Volitional Model of Suicidal Behavior, Cognitive-Behavioral Theory, and Ecological Systems Theory each offer valuable insights into the risk factors and mechanisms underlying suicidal behavior. By integrating these theoretical concepts, interventions can be designed to address the cognitive, social, and environmental factors that contribute to suicidality. Effective management of suicidality in students involves enhancing social connectedness, building resilience, promoting positive cognitive processes, and creating supportive environments at multiple levels.

The social determinants of suicide among students in India are multifaceted, influenced by a combination of social, economic, cultural, and environmental factors. Understanding these determinants is crucial for developing effective prevention strategies and interventions.

Academic Pressure and Educational System

Competitive Environment: India's education system places immense pressure on students to excel academically, particularly in competitive exams like the IIT-JEE and NEET. Failure or perceived failure in these exams can lead to feelings of hopelessness and despair.

Parental Expectations: High expectations from parents to succeed academically can create a stressful environment for students, exacerbating mental health issues.

Social Support and Family Dynamics

Family Conflict: Conflict within the family, such as parental expectations conflicting with a student's aspirations or abilities, can contribute to stress and feelings of isolation.

Lack of Support Systems: Limited social support networks or strained relationships with peers and family members can increase feelings of loneliness and depression.

Economic Factors

Socioeconomic Status: Students from lower socioeconomic backgrounds may face additional stressors related to financial instability, lack of access to educational resources, and limited opportunities for advancement.

Financial Pressure: Pressure to succeed academically to improve future economic prospects can create significant mental health challenges.

Cultural and Societal Norms

Stigma around Mental Health: There is a pervasive stigma in Indian society regarding mental health issues, which can prevent students from seeking help and support when experiencing psychological distress.

Gender Norms: Gender roles and expectations can impact how mental health issues are perceived and addressed, potentially influencing suicidal behavior.

Access to Mental Health Services

Limited Availability: Inadequate access to mental health professionals, particularly in rural areas, can hinder early intervention and treatment.

Awareness and Education: Lack of awareness about mental health and available support services among students, parents, and educators can delay help-seeking behaviors.

Addressing Social Determinants

Addressing the social determinants of suicide among students in India requires a comprehensive approach that includes:

Education and Awareness: Promoting mental health literacy and awareness campaigns to reduce stigma and encourage early intervention.

Supportive Environments: Creating supportive school environments that prioritize mental health and well-being alongside academic achievement.

Policy and Resource Allocation: Developing policies that improve access to mental health services, particularly in underserved communities, and allocate resources for mental health education and support programs.

By addressing these social determinants holistically, stakeholders can work towards reducing the incidence of suicide and promoting mental well-being among students in India.

Biological Mechanisms of Mental Well-being and Suicidality

Mental well-being and suicidality are complex phenomena influenced by a multitude of factors, including biological mechanisms. Understanding the biological underpinnings of mental health can provide insights into effective interventions and prevention strategies. The neurobiological and physiological mechanisms associated with mental well-being and suicidality, highlighting key factors such as neurotransmitter systems, brain structure and function, genetic and epigenetic influences, and the role of inflammation and stress are fundamental to our understanding in this matter.

Neurotransmitter Systems: Neurotransmitters play a critical role in regulating mood, cognition, and behavior, making them central to mental well-being and suicidality. Some neurotransmitters implicated in these processes include serotonin, dopamine, and norepinephrine.

Low levels of serotonin have been associated with depression, anxiety, and suicidal behavior. The serotonergic system influences mood regulation, impulse control, and aggression. Selective serotonin reuptake inhibitors (SSRIs), which increase serotonin levels in the brain, are commonly used to treat depression and reduce suicidal ideation.

Dopamine is involved in reward processing, motivation, and pleasure. Dysregulation of the dopaminergic system is linked to depression and anhedonia (loss of pleasure), which can contribute to suicidal thoughts and behaviors. Antidepressants and antipsychotics that modulate dopamine levels can help alleviate these symptoms.

Norepinephrine is involved in the body's stress response and regulation of arousal and alertness. Abnormalities in norepinephrine levels are associated with mood disorders and suicidal behavior. Medications that target norepinephrine pathways, such as serotonin-norepinephrine reuptake inhibitors (SNRIs), can be effective in treating depression and reducing suicidality.

Brain Structure and Function

Neuroimaging studies have identified several brain regions associated with mental well-being and suicidality, including the prefrontal cortex, amygdala, hippocampus, and anterior cingulate cortex.

Prefrontal Cortex: This region is involved in executive functions such as decision-making, impulse control, and emotional regulation. Reduced activity or structural abnormalities in the prefrontal cortex are associated with depression and suicidal behavior. Enhancing prefrontal cortex function through therapeutic interventions can improve mental well-being and reduce suicide risk.

Amygdala: The amygdala is critical for processing emotions and fear responses. Hyperactivity in the amygdala is linked to anxiety and emotional dysregulation, which can increase the risk of suicidality. Therapeutic approaches that target the amygdala, such as cognitive-behavioral therapy (CBT), can help manage emotional responses and reduce suicidal ideation.

Hippocampus: The hippocampus is essential for memory formation and stress regulation. Reduced hippocampal volume and impaired neurogenesis have been observed in individuals with depression and suicidal behavior. Interventions that promote hippocampal health, such as exercise and stress management, can enhance mental well-being and decrease suicidality.

Anterior Cingulate Cortex: This region is involved in emotion regulation, decision-making, and impulse control. Dysfunction in the anterior cingulate cortex is associated with mood disorders and suicidal behavior. Enhancing the function of this brain region through therapeutic strategies can improve emotional regulation and reduce suicide risk.

Genetic and Epigenetic Influences

Genetic and epigenetic factors significantly contribute to the risk of mental health disorders and suicidality. Twin and family studies have demonstrated a heritable component to depression, anxiety, and suicidal behavior.

Specific genes, such as those involved in the serotonergic and dopaminergic systems, have been associated with increased risk of depression and suicidality. For example, polymorphisms in the serotonin transporter gene (5-HTTLPR) have been linked to depression and suicidal behavior.

Epigenetic modifications, such as DNA methylation and histone acetylation, can influence gene expression and contribute to mental health outcomes. Environmental stressors, trauma, and adverse childhood experiences can induce epigenetic changes that increase the risk of depression and suicidality. Interventions aimed at reversing negative epigenetic modifications, such as pharmacological treatments and lifestyle changes, can improve mental well-being.

Inflammation and Stress

The role of inflammation and the body's stress response are critical components in understanding the biological mechanisms of mental well-being and suicidality.

Inflammation: Chronic inflammation has been linked to depression and suicidal behavior. Elevated levels of pro-inflammatory cytokines, such as interleukin-6 (IL-6) and tumor necrosis factor-alpha (TNF- α), have been observed in individuals with depression and those who have attempted suicide. Anti-inflammatory treatments, such as nonsteroidal anti-inflammatory drugs (NSAIDs) and omega-3 fatty acids, have shown promise in reducing depressive symptoms and suicidality.

Stress Response: The hypothalamic-pituitary-adrenal (HPA) axis regulates the body's response to stress. Dysregulation of the HPA axis, characterized by elevated cortisol levels, is associated with depression and increased suicide risk. Interventions that modulate the stress response, such as mindfulness-based stress

reduction (MBSR) and cognitive-behavioral therapy (CBT), can enhance mental well-being and reduce suicidality.

The biological mechanisms underlying mental well-being and suicidality are multifaceted and involve complex interactions between neurotransmitter systems, brain structure and function, genetic and epigenetic influences, and inflammation and stress responses. Understanding these mechanisms is essential for developing effective interventions and prevention strategies. By targeting these biological factors through pharmacological treatments, therapeutic interventions, and lifestyle modifications, it is possible to improve mental well-being and reduce the risk of suicidality among students and the general population.

Methods for Maintaining Mental Well-being

Maintaining mental well-being is essential for overall health and quality of life. Mental well-being not only influences how individuals think, feel, and act but also affects their ability to handle stress, build relationships, and make decisions. Various methods can be employed to maintain mental well-being, encompassing strategies from psychological, social, and lifestyle domains. We explore evidence-based methods for maintaining mental well-being, highlighting the roles of mindfulness, physical activity, social support, balanced nutrition, and professional help.

Mindfulness and Meditation

Mindfulness and meditation practices have gained widespread recognition for their positive impact on mental health. Mindfulness involves paying attention to the present moment without judgment, which can help individuals manage stress, reduce anxiety, and enhance emotional regulation. Studies have shown that mindfulness-based interventions can significantly decrease symptoms of depression and anxiety, improve attention and cognitive function, and increase overall psychological well-being.

Mindfulness practices can be easily incorporated into daily routines. Techniques such as deep breathing, body scanning, and mindful walking can be practiced anywhere and at any time. Regular mindfulness meditation, even for a few minutes each day, can lead to long-term improvements in mental health.

Physical Activity

Regular physical activity is a well-documented method for maintaining mental well-being. Exercise releases endorphins, which are natural mood lifters, and reduces levels of the body's stress hormones, such as adrenaline and cortisol. Engaging in physical activity has been associated with lower rates of depression and anxiety, improved mood, and better sleep quality.

Both aerobic exercises, such as running, swimming, and cycling, and anaerobic exercises, like weightlifting and yoga, have been shown to benefit mental health. The World Health Organization recommends at least 150 minutes of moderate-intensity aerobic activity or 75 minutes of vigorous-intensity aerobic activity per week for adults, along with muscle-strengthening activities on two or more days a week.

Social Support

Strong social connections are vital for maintaining mental well-being. Positive relationships with family, friends, and community members provide emotional support, enhance feelings of belonging and self-worth, and offer practical help during difficult times. Social support can buffer the effects of stress and reduce the risk of mental health issues.

Engaging in social activities, joining clubs or groups with shared interests, volunteering, and maintaining regular communication with loved ones are effective ways to build and maintain social connections. Research has consistently shown that individuals with strong social support networks have better mental health outcomes and are more resilient to stress.

Balanced Nutrition

Nutrition plays a crucial role in mental well-being. A balanced diet that includes a variety of nutrients supports brain function and can affect mood and energy levels. Diets rich in fruits, vegetables, whole grains, lean proteins, and healthy fats have been associated with lower risks of depression and cognitive decline. Certain nutrients, such as omega-3 fatty acids, B vitamins, and antioxidants, are particularly important for brain health. Omega-3 fatty acids, found in fatty fish, flaxseeds, and walnuts, have been linked to improved mood and cognitive function. B vitamins, present in leafy greens, legumes, and whole grains, support neurotransmitter function and energy metabolism. Antioxidants, abundant in fruits and vegetables, protect brain cells from oxidative stress.

Professional Help

Seeking professional help is essential for maintaining mental well-being, especially when dealing with severe or persistent mental health issues. Mental health professionals, such as psychologists, psychiatrists, and counselors, can provide evidence-based therapies and interventions tailored to individual needs. Cognitive-behavioral therapy (CBT) is one of the most effective treatments for a range of mental health conditions, including depression, anxiety, and PTSD. CBT focuses on identifying and changing negative thought patterns and behaviors to improve emotional regulation and mental health. Other therapeutic approaches, such as dialectical behavior therapy (DBT), acceptance and commitment therapy (ACT), and psychodynamic therapy, can also be beneficial.

Integrative Approaches

Combining multiple methods can create a comprehensive approach to maintaining mental well-being. Integrative approaches that include mindfulness practices, physical activity, social support, balanced nutrition, and professional help can address various aspects of mental health and provide a robust foundation for overall well-being.

Maintaining mental well-being requires a multifaceted approach that integrates psychological, social, and lifestyle strategies. Mindfulness and meditation, regular physical activity, strong social support, balanced nutrition, and seeking professional help are all effective methods for promoting mental health. By incorporating these practices into daily life, individuals can enhance their mental well-being, build resilience to stress, and improve their overall quality of life.

Indian Research in Mental Well-being and Suicidality

Mental health research in India has grown significantly over the past few decades, reflecting the increasing recognition of mental health as a crucial component of public health. Research efforts have focused on understanding the prevalence, determinants, and consequences of mental health disorders and suicidality, as well as developing and evaluating interventions aimed at improving mental well-being. This discussion highlights key areas of research, notable studies, and their implications for public health policy and practice in India.

Several epidemiological studies have provided valuable insights into the prevalence of mental health disorders and suicidality in India. Notable among these are:

Conducted by the National Institute of Mental Health and Neurosciences (NIMHANS), the NMHS is one of the most comprehensive surveys on mental health in India. It found that nearly 14% of India's population required active mental health interventions, with common mental disorders, severe mental disorders, and substance use disorders being highly prevalent. The survey also highlighted significant treatment gaps, with nearly 70-80% of those with mental disorders not receiving adequate treatment.

The GBD study provides data on the burden of various diseases, including mental health disorders, in India. According to the GBD 2017 data, mental disorders accounted for 4.7% of the total disease burden in India, with depression and anxiety disorders being the most significant contributors.

Indian researchers have also focused on developing and evaluating interventions to address mental health challenges and suicidality:

Community-Based Interventions: Community-based mental health programs have shown promise in improving mental health outcomes. For example, the MANAS (Manashanti Sudhar Shodh) trial demonstrated the effectiveness of a community-based intervention led by lay health workers in reducing the symptoms of common mental disorders in primary care settings.

School-Based Programs: School-based mental health programs aim to promote mental well-being and prevent suicidality among students. Studies have shown that integrating mental health education into school curricula can reduce stigma, increase awareness, and provide students with coping strategies to manage stress and emotional challenges.

Digital Interventions: With the increasing use of digital technology, digital mental health interventions have gained traction in India. These interventions include mobile apps, telepsychiatry, and online counseling services, which provide accessible and scalable mental health support. Research has shown that digital interventions can be effective in reaching underserved populations and providing timely mental health care.

Implications for Public Health Policy

The findings from Indian research have significant implications for public health policy and practice:

Policy Development: Research evidence should inform the development and implementation of mental health policies that prioritize prevention, early intervention, and the integration of mental health services into primary healthcare.

Resource Allocation: Adequate funding and resources should be allocated to mental health programs, with a focus on community-based interventions and capacity building for mental health professionals.

Stigma Reduction: Public health campaigns and education programs should aim to reduce stigma and discrimination associated with mental health disorders, encouraging individuals to seek help without fear of judgment.

Research and Data Collection: Continued research and data collection are essential for understanding the evolving mental health needs of the population and evaluating the effectiveness of interventions.

Indian research on mental well-being and suicidality has provided valuable insights into the prevalence, determinants, and effective interventions for mental health challenges. These findings highlight the importance of comprehensive, evidence-based approaches to mental health care that address socio-economic, cultural, and environmental factors. By integrating research findings into public health policy and practice, India can improve mental health outcomes, reduce suicidality, and promote the overall well-being of its population.

The National Education Policy (NEP) 2020

The National Education Policy (NEP) 2020 in India introduces several reforms aimed at transforming the education system, which could potentially have a positive impact on reducing suicide rates among students. Here's a discussion of how NEP 2020 might influence this issue, along with relevant references:

Reducing Academic Pressure

Flexible Learning: NEP 2020 emphasizes a shift towards a more flexible and holistic approach to education, promoting multidisciplinary learning, vocational education, and reduced emphasis on rote memorization (NEP, 2020). This could alleviate some of the intense academic pressure that contributes to stress and suicidal ideation among students.

Promoting Mental Health Awareness

Integrated Support Services: The policy advocates for the integration of mental health support services within educational institutions (NEP, 2020). This could lead to better awareness, early identification, and intervention for students experiencing mental health issues, potentially reducing suicide rates.

Skill Development and Well-being

Life Skills Education: NEP 2020 emphasizes the importance of holistic development, including life skills education and promoting emotional well-being among students (NEP, 2020). These initiatives can equip students with coping mechanisms and resilience against academic and personal stressors.

Enhanced Career Counseling

Early Career Guidance: The policy stresses early career counseling and guidance, helping students make informed decisions about their future without undue pressure (NEP, 2020). Clear career pathways and informed decision-making can reduce anxiety and depression associated with academic uncertainty.

Digital Education Initiatives

Technology Integration: NEP 2020 advocates for leveraging technology to enhance access to education and improve learning outcomes (NEP, 2020). This could democratize educational opportunities, reduce disparities, and provide support to students in remote areas who may face additional challenges.

While NEP 2020 introduces promising reforms that could positively impact student mental health and potentially reduce suicide rates, its effectiveness will depend on effective implementation, allocation of resources, and collaboration between educational institutions, mental health professionals, and policymakers. Continuous monitoring and evaluation will be crucial to ensure that the intended benefits translate into tangible improvements in student well-being across India.

Methods for Mental Health Education to Decrease Suicidality in Students

Mental health education is a crucial strategy for addressing the rising rates of suicidality among students. By promoting awareness, reducing stigma, teaching coping strategies, and providing support, mental health education can play a pivotal role in preventing suicide.

Comprehensive Mental Health Curriculum: Implementing a comprehensive mental health curriculum in schools and universities can significantly impact students' mental well-being. Such a curriculum should cover a range of topics including emotional regulation, stress management, recognizing signs of mental health issues, and seeking help. Research shows that educational programs that include mental health literacy can improve students' knowledge and attitudes towards mental health, thereby encouraging help-seeking behaviors and reducing suicide risk.

Peer Education Programs: Peer education programs leverage the influence of peer relationships to promote mental health awareness and support. Training students as peer educators can create a supportive environment where students feel comfortable discussing their mental health issues. Peer educators can provide information, support, and referrals to mental health services. Studies have shown that peer education programs can effectively reduce stigmatizing attitudes and increase mental health service utilization among students.

Gatekeeper Training: Gatekeeper training involves educating teachers, school staff, and students to recognize the warning signs of suicidal behavior and respond appropriately. Gatekeepers are trained to identify at-risk individuals, provide initial support, and refer them to professional help. Programs like Question, Persuade, Refer (QPR) and Applied Suicide Intervention Skills Training (ASIST) have been shown to increase participants' confidence and competence in addressing suicidal crises, thereby potentially reducing suicide rates among students.

Integration of Technology: Digital platforms and mobile applications offer innovative ways to deliver mental health education and support. Online modules, webinars, and mental health apps can provide students with accessible resources and tools to manage their mental health. Digital platforms can offer anonymity and flexibility, making it easier for students to seek help without fear of stigma. Research indicates that technology-based interventions can effectively improve mental health literacy and reduce symptoms of depression and anxiety, contributing to decreased suicidality.

Involving Families and Communities

Family and community involvement in mental health education can create a supportive network for students. Schools can organize workshops and seminars for parents and community members to raise awareness about mental health issues and the importance of early intervention. Community-based programs that involve families can enhance the overall effectiveness of mental health education by providing additional support and resources. Evidence suggests that parental involvement in mental health education is associated with better mental health outcomes for students.

School-based Mental Health Services

Providing school-based mental health services ensures that students have immediate access to professional help. On-site counselors, psychologists, and social workers can offer individual and group therapy, crisis intervention, and mental health screenings. Integrating mental health services within the school environment can reduce barriers to access and promote early intervention. Studies have demonstrated that school-based mental health services can effectively reduce symptoms of mental health disorders and suicidal behaviors among students.

Promoting a Supportive School Environment

Creating a positive and supportive school environment is essential for mental health education to be effective. Schools should foster a culture of inclusivity, respect, and openness where students feel safe expressing their concerns. Anti-bullying programs, student support groups, and extracurricular activities can contribute to a supportive environment that promotes mental well-being. Research highlights the importance of a positive school climate in reducing mental health issues and suicidal behaviors among students.

Mental health education is a powerful tool for decreasing suicidality among students. By implementing comprehensive curricula, peer education programs, gatekeeper training, and integrating technology, schools can significantly improve students' mental health literacy and support systems. Involving families and communities, providing school-based mental health services, and promoting a supportive school environment are also critical components of an effective mental health education strategy. As educational institutions prioritize mental health education, they can play a crucial role in preventing suicide and promoting the overall well-being of students.

Relevant Public Health Policy on Mental Well-being and Suicidality

Mental health is a critical aspect of public health policy, given its profound impact on individuals' well-being, academic performance, and overall societal productivity. Effective public health policies are essential for addressing mental health challenges, reducing suicidality, and promoting mental well-being among populations. We examine relevant public health policies at the national and international levels, highlighting key initiatives, strategies, and recommendations for improving mental health and preventing suicidality.

World Health Organization (WHO) Mental Health Action Plan 2013-2020

The WHO Mental Health Action Plan provides a comprehensive framework for improving mental health worldwide. Key objectives of the plan include:

Strengthening Leadership and Governance: Developing and implementing mental health policies and plans that prioritize mental health and allocate adequate resources.

Comprehensive Mental Health Services: Providing integrated, responsive, and accessible mental health services in community-based settings.

Promotion and Prevention: Implementing strategies for mental health promotion and the prevention of mental disorders, including suicide prevention initiatives.

Information Systems and Research: Strengthening mental health information systems and conducting research to improve knowledge and inform policy and practice.

Sustainable Development Goals (SDGs)

The United Nations Sustainable Development Goals (SDGs) recognize the importance of mental health for sustainable development. SDG 3 aims to ensure healthy lives and promote well-being for all at all ages, with specific targets related to mental health:

Target 3.4: By 2030, reduce by one-third premature mortality from non-communicable diseases through prevention and treatment, and promote mental health and well-being.

Target 3.5: Strengthen the prevention and treatment of substance abuse, including narcotic drug abuse and harmful use of alcohol.

Target 3.8: Achieve universal health coverage, including financial risk protection, access to quality essential health care services, and access to safe, effective, quality, and affordable essential medicines and vaccines.

Recommendations for Policy Implementation

Effective implementation of public health policies for mental well-being and suicidality requires a multi-faceted approach. These recommendations include:

- Developing and implementing care models that integrate mental health services into primary healthcare and ensure continuity of care.
- Promoting community-based interventions that engage local stakeholders, reduce stigma, and provide culturally sensitive care.
- Enhancing public awareness of mental health issues through education campaigns and integrating mental health education into school curricula.
- Implementing screening programs for early identification of mental health issues and providing timely interventions to prevent the escalation of symptoms.
- Strengthening research on mental health and suicidality and improving data collection systems to inform policy and practice.
- Fostering collaboration between government agencies, non-governmental organizations, healthcare providers, and communities to enhance the effectiveness of mental health programs.

Public health policies play a crucial role in addressing mental well-being and suicidality. National and international initiatives provide frameworks for improving mental health care, promoting mental well-being, and preventing suicidality. Effective implementation of these policies requires a comprehensive approach that includes integrated care models, community-based interventions, education and awareness campaigns, early identification and intervention, research, and collaboration. By prioritizing mental health in public health policy, we can enhance mental well-being, reduce the burden of mental disorders, and prevent suicidality.

Conclusion

Mental well-being is a cornerstone of public health policy, crucial for both individual and societal advancement. Addressing mental health challenges and suicidality requires comprehensive, multi-level strategies that incorporate national and international policy frameworks. National initiatives such as India's National Mental Health Policy and the National Mental Health Programme (NMHP) highlight the importance of accessible, integrated mental health services, community participation, capacity building, and human rights protection. Internationally, the WHO Mental Health Action Plan and the Sustainable Development Goals (SDGs) emphasize the need for strong leadership, comprehensive mental health services, prevention strategies, and universal health coverage.

Implementing these policies effectively involves a multi-faceted approach. Key recommendations include developing integrated care models, promoting community-based interventions, enhancing public awareness, implementing early identification and intervention strategies, strengthening research and data

collection, and fostering collaboration among stakeholders. By prioritizing mental health within public health policies, we can significantly improve mental well-being, reduce the prevalence of mental disorders, and prevent suicidality.

The task ahead involves not only addressing current mental health challenges but also fostering an environment that supports mental well-being and resilience. This includes integrating mental health education into school curricula, promoting culturally sensitive care, and ensuring the continuity of mental health services across different levels of healthcare. Through these efforts, we can create a supportive environment that nurtures both mental health and academic success, ultimately contributing to the overall well-being and productivity of society.

By embracing these comprehensive and collaborative approaches, public health policies can effectively address the complexities of mental health and suicidality, ensuring that mental well-being is prioritized and protected. This holistic strategy will not only enhance individual quality of life but also foster a healthier, more resilient society capable of facing future challenges with strength and unity.

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