

## Loneliness and Mental Health: critical points

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Loneliness is a pervasive and insidious issue that affects millions of people worldwide. It can creep into our lives at any moment, often without warning, and can have a profound impact on our mental health. Loneliness is a pervasive and insidious epidemic that affects the transcending geographical boundaries, cultures and socioeconomic statuses. It's a complex and multifaceted issue that can arise from various factors, including social isolation, mental health disorder, trauma, and significant life changes. The devastating impact of loneliness on mental health cannot be overstated, as it can lead to a plethora of negative consequences, including depression, anxiety, cognitive decline, and even premature mortality [1]. Despite its prevalence and far-reaching consequences loneliness remains a taboo topic, often shrouded in stigma and shame. Many individuals struggling with loneliness feels isolated and disconnected from others, unable to share their experiences or seek help. This silence can exacerbate the problem, perpetuating a cycle of loneliness and mental health issues [2].

In recent years, there has been a growing recognition of the importance of addressing loneliness and its impact on mental health. Researchers, policymakers, and mental health professionals are working together to develop effective strategies and interventions to mitigate the effects of loneliness and promote social connection [3].

In today's interconnected world, where social media platforms and digital communication tools have made it easier, it may seem counterintuitive that loneliness has become a pervasive and debilitating issue affecting millions of people worldwide, yet, despite the illusion of connection created by our digital lives, many individuals are struggling with profound feelings of isolation, disconnection, and loneliness [4].

### Loneliness and common psychiatric disorders

**Loneliness and Depression:** it is a devastating duo, Loneliness and depression are two interconnected mental health issues that affect millions of people worldwide, while they can manifest separately, they often co-occur, creating a debilitating cycle that can be challenging to break [5]. Loneliness is a universal human emotion characterized by feelings of isolation, disconnection, and emptiness. And when loneliness persists and becomes a chronic state, it can have severe consequences on mental and physical health. The interconnectedness of loneliness and depression often co-occurs creating a vicious cycle that can be challenging to break. Lonely individuals are more likely to experience depression, and people with depression are more likely to feel lonely.

Consequences of loneliness and depression –

- Decreased physical health and well-being
- Impaired cognitive functioning and decision making
- Strained relationship and social isolation
- Increased risk of suicidal thoughts and behaviours
- Decreased productivity and economic stability.

### Defining Loneliness

Loneliness is a subjective experience characterized by feelings of isolation, disconnection and emotional pain [6]. It is a natural human emotion that can arise from various situations, such as social isolation, relationship breakdowns, migration or relocation, chronic illness or disability, and trauma or loss [7].

### The Prevalence of Loneliness

Loneliness is a widespread issue that affects people of all ages, backgrounds, and socioeconomic statuses. According to a survey conducted by the American Psychological Association (APA), approximately 47% of the population report sometimes or always feeling alone. Another study found that nearly 30% of older adults in the United States reported feeling lonely [8].

### The Effects of Loneliness on Mental Health

**Depression and Anxiety:** Loneliness can contribute to the development of depression and anxiety disorders. A study published in the journal of clinical psychology found that lonely individuals were more likely to experience depressive symptoms and anxiety [9].

**Cognitive Decline:** Loneliness has been linked to cognitive decline and an increased risk of dementia. A study reported that lonely individuals were more likely to experience cognitive decline over a 12 years period [10].

**Sleep Disturbances:** Loneliness can disrupt sleep patterns, leading to insomnia, daytime fatigue, and other sleep-related problems. A study published in the journal sleep found that lonely individuals were more likely to experience sleep disturbances [11].

**Weakened Immune system:** Chronic loneliness can weaken the immune system, making individuals more susceptible to illness. A study found that lonely individuals had lower levels of antibodies against certain viruses [12].

**Increased Mortality Risk:** Severe loneliness can increase the risk of mortality. A study found that socially isolated individuals were more likely to die prematurely [13].

### Breaking the Cycle of Loneliness

While loneliness can have devastating effects on mental health, there are ways to break the cycle –

**Building social connections:** Joining social clubs, volunteering, or participating in group activities can help build social connections and alleviate loneliness.

**Practicing Self-Compassion:** Treating oneself with kindness, understanding, and patience can help alleviate feelings of loneliness and isolation.

**Seeking professional help:** Consulting with mental health professionals can provide individuals with tools and support needed to manage loneliness and improve mental health.

### Causes of loneliness:

- Social isolation: Physical separation from others, whether due to living alone, working remotely, or lacking social connections.
- Relationship issues: conflicts, divorce, or the loss of a loved one can lead to feeling of loneliness.
- Mental health conditions: Depression, anxiety, and other mental health
- Trauma: Experiencing traumatic events, such as abuse or neglect, can lead to chronic loneliness.

### Symptoms of Loneliness

- Feeling of isolation and disconnection
- Difficulty forming and maintaining relationships
- Increased anxiety and depression
- Decreased self-esteem and confidence
- Physical symptoms, such as headaches, fatigue, and sleep disturbances.

### Loneliness and Old Age

Research over the past several decades has repeatedly shown that a lack of social ties in the elderly increases the risk for poor health [14]. Older adults are disproportionately represented in the growing segment of socially isolated adults, and despite increased prevalence of loneliness in older adults, loneliness levels are relatively stable across the lifespan, at least until the oldest old age i.e. 85 years and

older [15]. Age-related similarities in loneliness levels do not necessarily mean age-related similarities in the correlates or consequences of loneliness. Loneliness contributes to, and accelerates, age related decreases in physiological resilience through its influences on health behaviour, stress exposure, psychological and physiological stress responses, and restorative processes that replenish physiological reserves and fortify against future stress [16]. The working hypothesis is that loneliness hastens physiological decline through its association with one or more pre-disease pathways, and that the contributory pathways may differ in kind and potency across the lifespan. In addition, we expect that loneliness differences in physiological reserves will be evident primarily in precursors to disease in younger adults (e.g., alterations in physiological functioning that may indicate subclinical disease processes), whereas loneliness related influences on slowly progressing physiological disease processes will eventually manifest as frank disease and dysregulation across multiple physiological systems in older adults [17].

### **Loneliness, aging, health and resilience in the elderly**

The accrual of loneliness effects with age is well illustrated in a recent longitudinal study [18]. In this study, social isolation in childhood and feelings of loneliness in adolescence and young adulthood predicted how many cardiovascular risk factors (e.g., body mass index, waist circumference, blood pressure, cholesterol) were elevated in young adulthood. Moreover, the number of developmental occasions (i.e., childhood, adolescence, young adulthood) at which participants were lonely predicted the number of elevated risk factors in young adulthood. These data suggest that the effects of loneliness accrue in a dose-response fashion to accelerate the rate of physiological decline. If loneliness effects accrue across the lifespan, then we might see age differences in the relative importance and/or potency of causal pathways through which loneliness acts to diminish resilience [19].

Poor health behaviours are appealing mechanistic candidates for associations between loneliness and health. High-calorie, high fat diets and sedentary lifestyles, for example, contribute to being overweight or obese, major risk factors for disease in all societies. Stress appraisals and threat perceptions are associated with patterns of physiological activity that work to the detriment of physiological resilience and health and may therefore contribute to accelerated physiological decline with age in lonely individuals [20]. Lonely individuals also employ different coping strategies than non-lonely individuals do. Loneliness was inversely associated with active coping, seeking emotional support, and seeking instrumental support, and was positively associated with behavioral withdrawal i.e., the tendency to “give up” or “quit trying” to deal with a stressor [21]. Lonely individuals again were found to be less likely to seek emotional support and more likely to report behavioral withdrawal coping styles that tend to perpetuate stress. In addition, lonely individuals may employ qualitatively different behavioral coping strategies with increasing age. Loneliness has been associated with a higher probability of membership in a religious group but to what extent religious affiliation is an effective coping strategy for lonely individuals in older age remains to be determined [22].

### **Understanding Loneliness**

Loneliness, is the unpleasant experience that occurs when a person’s network of relationships is felt to be deficient in some important way [23]. One hallmark of loneliness is that it is a subjective experience and a second is that it involves negative affect [24]. Loneliness is more strongly associated with qualitative than with quantitative characteristics of relationships [25]. It is important to draw the distinction between loneliness and social isolation. Loneliness is a negative, subjective experience, whereas social isolation is the objective condition of not having ties with others. There are two components of loneliness i.e. emotional and social loneliness [26]. Emotional loneliness is missing an intimate attachment, such as a marital partner, and is accompanied by feelings of desolation and insecurity, and of not having someone to turn to [27]. Social loneliness is lacking a wider circle of friends and acquaintances that can provide a sense of belonging, of companionship and of being a member of a community [28]. Explanations of loneliness are generally sought in three sets of factors. The first pertains to social network characteristics viz. the number and the quality of the relationships in which people are involved. People who are unmarried are lonelier than the married, and that those with small, unsupportive networks are lonelier than those who are actively involved in social networks. The second set of determinants pertains

to relationship standards viz. the preferences, expectations and desires for personal relationships. A focus on relationship standards can help understand why people who are socially isolated do not feel lonely, or why people who are embedded in large networks nevertheless feel lonely. The third set pertains to predisposing conditions. Poor self-esteem is one of them: people who lack confidence might be inhibited in their social interactions and might not be attractive to others [29-30].

## Conclusion

Loneliness is a complex and pervasive issue that affects millions of people worldwide. Its effects on mental health can be severe and long-lasting, but there is hope. By building social connections, practicing self-compassion, and seeking professional help, individuals can break the cycle of loneliness and improve their mental health. We can work towards developing effective interventions and support systems.

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Acknowledgements – Nil

Source of Funding – Nil

Conflict of Interest – Nil