

## Public Health | Review article

# Death and Dying: A reflection on how mourning changed during the pandemic

Gabriel M. Alexandre Silva<sup>1</sup>, Michelle Vanessa Santiago Franco<sup>1</sup>,  
Artur Diogenes Pinheiro Paiva<sup>1</sup>, Isadora Sousa de Oliveira<sup>2</sup>,  
Manuela Berto Pucca<sup>1\*</sup>

<sup>1</sup>Medical School, Federal University of Roraima, Boa Vista, RR, Brazil

<sup>2</sup>Department of BioMolecular Sciences, School of Pharmaceutical Sciences of Ribeirão Preto, University of São Paulo, Ribeirão Preto, Brazil

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**Address for correspondence:** Manuela Berto Pucca, Medical School of Roraima, Federal University of Roraima, Av. Capitão Ene Garcez, 2413, Boa Vista, RR, 69310-000, Brazil, E-mail: manupucca@ufr.br

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## Abstract

**Introduction:** The pandemic scenario created by the Severe Acute Respiratory Syndrome – Coronavirus-2 (SARS-CoV-2) brought physical and psychological distress among people who found themselves under a situation which unabled most of them to proceed with their usual routine or rites of passing to cope with losses of lifestyle, relatives, and friends.

**Objective:** This short review explores the role of mourning rites as coping mechanisms in order to maintain mental stability during the stressing scenario proposed by the pandemic.

**Methods:** This review was performed by searching published articles in national and international journals indexed in the *National Library of Medicine* (PubMed), and *Scientific Electronic Library Online* (SciELO), using the keywords "SARS-CoV-2", "grief", "mourning", "pandemic", and "health models", both in Portuguese and English. We included papers published between 1996 and August 2020.

**Discussion:** Due to a cultural composition, the subject of both death and dying are mostly avoided. During the pandemic, the imposed sanitary measures disrupted most of the mourning process, which has a therapeutic role to both family and those surrounding them. Thus, the repercussions of this post-death process during pandemic are causing mental and emotional conflicts for the family members, hindering the long-term coping process.

**Conclusion:** The pandemic scenario poses a challenge concerning the 'dignity' of dying, which has caused many mental problems in people involved. Thus, this aspect of pandemic requests much more attention of the health professionals. However, the narrow relationship of health professional with bereaved family members has generated anxiety, making the process of coping with post-death mourning even more difficult. Nonetheless, this challenge can be faced through holistic measures and appropriate support from both caregivers and civilians involved.

**Keywords:** SARS-CoV-2; Pandemics; Death; Mourning; Grief.

## Resumo

**Introdução:** O cenário de pandemia criado pelo Coronavírus-2 da Síndrome Respiratória Aguda Grave trouxe muitas mudanças nas vidas das pessoas, que se viram pegadas em situação de estresse físico e psicológico, muitos sendo incapazes de seguir com suas rotinas e ritos para lidar com a perda tanto de seu estilo de vida quando de seus parentes e amigos.

**Objetivos:** Esta curta revisão explora o papel dos ritos de luto como mecanismos de enfrentamento que buscam manter a estabilidade mental diante do cenário estressor proposto pela pandemia e sua repercussão sobre a saúde mental de diversos indivíduos

**Métodos:** Esta revisão foi realizada através de uma pesquisa por artigos publicados em jornais indexados nacionais e internacionais na *National Library of Medicine* (PubMed) e *Scientific Electronic Library Online* (SciELO) utilizando os descritores “SARS-CoV-2”, “pesar” “luto”, “pandemia” e “modelos de saúde”, tanto em inglês quanto seus equivalentes em português. Foram inclusos artigos publicados entre 1996 e agosto de 2020. Análise crítica após leitura detalhada dos artigos foi o fator determinante de inclusão.

**Discussão:** Em decorrência da composição cultural, os temas de morte e morrer são majoritariamente evitados, o que acaba por resultar em uma abordagem inadequada em relação ao cuidado do paciente e seus parentes. Durante a pandemia, as medidas sanitárias impostas interromperam a maioria dos processos de luto, o qual possui papel terapêutico para a família e aqueles que a cercam. Assim, as repercussões desse processo pós-óbito implicam em conflitos tanto mentais quanto emocionais para os familiares envolvidos, dificultando o processo de enfrentamento a longo prazo.

**Conclusão:** O cenário de pandemia se mostra um desafio no que tange a dignidade de morrer, o que tem causando diversos problemas de ordem mental aos envolvidos. Portanto, o atual cenário demanda muito mais do que apenas atenção dos profissionais de saúde. A ínfima relação profissional de saúde com os familiares enlutados gera ansiedade generalizada, dificultando ainda mais o processo de enfrentamento do luto pós-óbito. Não obstante, é um desafio que pode ser enfrentado com medidas holísticas e suporte apropriado tanto de cuidadores quanto dos civis envolvidos.

**Palavras-chave:** SARS-CoV-2; Pandemias; Morte; Luto; Pesar.

## Introduction

As the Severe Acute Respiratory Syndrome - Coronavirus-2 (SARS-CoV-2) struck the world with a swift and widespread movement, many lifestyle changes were enforced onto the population as countermeasures in order to save as many lives as possible and to lower the resource consumption as much as possible [1]. The sudden changes into human lives represent a situation of distress, associated with the constant fear of the new disease, resulting in difficulties to people adapt to such stressful environment along with social distancing rules. Indeed, all these changes deeply affected psychology of people. The psychological situation even worsen during the mourning of a beloved person, since funerals are, in most countries, completely prohibited by law as a sanitary measure [2,3].

This short review explores the role of mourning rites as coping mechanisms in order to maintain mental stability in face of the stressing scenario caused by the pandemic and its repercussion over the mental health of many individuals.

## Methods

We searched 60 published articles in national and international journals indexed in the *National Library of Medicine* (PubMed), and *Scientific Electronic Library Online* (SciELO). We used the keywords “SARS-CoV-2”, “grief”, “mourning”, “pandemic”, and “health models” both in Portuguese and English. The analyzed period was between 1996 and August 2020, with a quarter of references from 2020.

## Discussion

### SARS-CoV-2: the impact into human life

Coronaviruses are part of a virus family known since 1960. Amongst the six different kinds of previously known coronaviruses, only two are capable of causing severe symptoms and have already caused a high impact on the public health worldwide: the Severe Acute Respiratory Syndrome - Coronavirus (SARS-CoV), affected China during the period of 2002 to 2003, and the Middle East Respiratory Syndrome - Coronavirus (MERS-CoV), afflicted the middle east specially in 2012. Despite most of coronavirus family members cases only cause mild respiratory symptoms, it is undeniable the worry warranted by the ascension of the new coronavirus, named SARS-CoV-2 [1,4].

Although SARS-CoV-2 lethality is significantly lower when compared to both SARS-CoV and MERS-CoV, the pandemic scenario resulted in a higher absolute number of cases. According to the World Health Organization (WHO, <https://covid19.who.int/>) it was registered more than 105 million confirmed cases worldwide so far (data collected on 02.11.2021). In fact, the widespread infection evolved to such a point that changed the way of living throughout the world, despite the high investment in resources seeking to contain the viral spread. Moreover, the SARS-CoV-2 created the need of holistic actions to mitigate the damage and the population mental health, since most people do not possess emotional support to deal with a stressful environment [1,3][5-7].

In this context, it is necessary to find a way to assist those with greater vulnerability, prone to develop disorders in their mental health during and after the pandemic scenario, aiming to support the death rituals of people close to them.

It is known that each individual sustains a deep and intricate series of needs, ranging from material to psychological needs, which can be as simple as food and water, or can be something more complex, such as an adequate social interaction [8]. Nevertheless, the pandemic scenario created a hindering environment, capable of either limit or completely prevent the adequate acquisition of all these necessary elements. It is necessary to remember that the basic human needs are classically categorized as biophysical and psychological, and the pandemic *per se* created a stressful factor under the biophysical aspect (the need to avoid dangers in the environment), along with many psychological damages caused mainly by the social distancing [9].

On worse conditions, there are people who were put into a socially frail position and turned to be unable to provide for themselves. These people are represented mainly by informal workers and people with low income, which do not have savings or financial stability to pass through the imposed economic situation, creating the demand for governmental measures. Thus, especially for this low-income population, a network of solidarity (including health workers and any kind of people) is extremely necessary. In fact, both individual and governmental measures are able to prevent many mental complications brought by economic crisis and social withdrawal on coping strategies [3][10-13].

### **The way modern western society deals with death and dying**

Due to a societal composition centered around longevity, youth, and health, the discussion of themes that brings up the human finitude are usually faced with certain strangeness or even avoided under the false guise that 'negation' would be enough to spare the suffering that permeates the event [14,15].

The discussion regarding the death and the process of dying is equally important as this dichotomy is frequently a motive for reflection. There are different interpretations for both terms: (i) Death can be considered a gradual phenomenon, in which an individual dies slightly every day (i.e. being a synonym of dying), therefore dying would be a process through the natural cycle of existence, in other words, to live is to die until the person reaches the death. (ii) Another interpretation presents death as the final event where an individual has its life finished [16,17].

We cannot deny the fact that death, both as event and process, is a result of both social and historical context, along with personal interpretations and coping techniques, which are built upon personal values and experiences including health condition and spirituality [18,19]. It is interesting to understand how different cultures

handle the process of death and mourning considering the religious symbolism [20-22]. For instance, the traditional African belief assumes that the course of life is cyclical, therefore supporting the thought that the deceased has merely faced a passage to another world [23]. While the ancient Persian tradition, following the Zoroastrianism, deals death with calm and acceptance, in a process surrounded by family and friends and even witnessed by children. Since they considered the soil as a pure element, they did not bury their bodies, instead allocating them in special places (*Dakhme*) to be decomposed or eaten by animals [24]. Additionally, Abrahamic religions such as Judaism and Catholicism hold the tradition of performing the last rites of a person in their deathbed, as a mean to provide both the family and the person spiritual solace. These religions present different means and peculiarities during mourning rituals, such as ointments or confessions to Catholics, or familial prayers of affirmation and hope of "salvation" in the afterlife in Judaism. Even though, death still stays a taboo topic [25].

It is noticeable the human need of providing and attributing meaning to the elements that permeate the finitude as a way to seek solace in a more familiar environment, making it capable of providing greater comfort and lessen the suffering [26]. In fact, it is a traditional part of human nature to seek meaning in phenomena that surround the existence. Such anthropocentric vision is extremely present in human lives, which are centered around meaningful events created by ourselves in order to point the flow of life [27].

### **The grief and the role to overcoming events**

One of the pivotal factors of discussion are the phases that compose the grief, traditionally described by Kubler-Ross (Fig. 1). The grief stages are markers of individual reaction after the death situation. They might be predisposed to last more or less in each specific stage according to particularities of the environment surrounding the person, such as cultural behavior, religious rites, and familial customs [28-30]. Many authors argue and criticize such an over-simplified model, while working in favor of a more fluid and complex model upon the overlapping of more stages. Others completely disagree with any grief model, believing that the grief and bereavement are singular to each individual and yet unsuccessfully described [31-33].



**Figure 1.** Five stages of the grief. Sequence of phases presented by an individual during mourning: denial, anger, bargaining, depression, and acceptance [34].

Regarding the discussion over the mourning composition and its manifestation as a phenomenon, it is undeniable the necessity that people have of coping mechanisms and instruments to deal and overcome stressful events in a healthy manner, seeking to decrease the possibility of emotional disorders. Thus, the grief broadens its definition to a sensation of loss, not being exclusively tied to death, therefore being applicable to relationships and lifestyles [35–37].

The funeral rites, which predate written history, are a necessary part of a healthy mourning and act as the representation of needs and beliefs, allowing people to express their feeling and consolidate bonds with those nearby as an assistance network in order to push through tough times [38,39]. These passing rites hold a role as a therapeutic measure, as it helps the family to affirm the value of the deceased as much as their own, placing their lives in different perspectives and even serving as protective factor against emotional scarring [40,41].

Thus, during the pandemic due to COVID-19, feelings of insecurity and uncertainty were automatically increased and all of those involved with the grief (e.g. patient, healthcare workers, and the social circle of the diseased) were suffering a much higher emotional impact, requiring proper coping mechanisms. Thankfully, psychological coping mechanisms can be applied by a healthcare team to support patients, family circle, and colleagues, aiming to mitigate the mental health of these individuals [42–46].

A coping mechanism can be defined as “something that promotes resilience against traumatic experiences”. The examples of coping mechanisms are: (1) Innate personality traits or applicable mindsets, audacity being an example of both, taking into consideration the meaning of “being able to face and learn from both positive and negative experiences”; (2) The availability of a religious creed, as it should provide a refuge; (3) The sense of belonging to a group or community, as the individual won’t feel isolated under the stressful event; (4) Psychotherapy focused on restructuring and providing new meaning to previous events. Moreover, mechanisms derived from individual experiences shouldn’t be neglected, such as pleasurable activities that work as a reliever of the stressful moment, or the mourning rite itself, as they provide a sense of comfort under a controlled situation. [20,27,33,36,40]

#### **Shifts in the healthcare model and its impacts over the mourning process**

The healthcare system is still centered around hospital units, according to the biomedical standard. The mentioned centralization leads to several problems that negatively impact the quality of the health assistance, especially regarding psychological assistance [47–50]. With the pandemic scenario, these problems got even worse, with an unrealistic expectation of an immediate and invasive solution. The expectation of immediate cure delays or at least acts as a barrier to a proper way to address the death during the pandemic period [47–49]. The referred problem can be even more prevalent in patients that, due to chronic or acute disease (e.g., long term cancer, vascular event, etc.) are nearing the end of

life [51–55]. Thus, proper approach regarding palliative care (to be under the program of palliative care does not mean that the health team has given up on the patient and will not care for it) is necessary as a protective measure to the psychological health of both the patient and their families.

The adequate execution and offer of palliative care in any situation (during pandemic or not) reflect directly the quality of the health service to the population as well as the costs for the health system. Palliative care intends not to delay artificially a situation that cannot be reverted, but to guarantee the right to die without suffering and with dignity as the health team will always fight to save a life, no matter how small seems to be the chance [47][51–54]. Other related problem lies in communication. It has been proven that proper communication between the patient/family and the assistant professional not only increases the assistance quality, but also lowers the rates of judicial dispute, as the family takes part of the whole treatment and understands the processes performed by the hospital or health unit. Although communication is a fundamental element present on routine of health professionals, it can be affected by the overwhelmed team during pandemic [56–58].

Recent changes imposed by the evolution of the health sciences have laid ground to the creation of a new model of care, centered in the patient, aiming to cover all of the complexity that a person represents, avoiding to center the assistance to the illness or disease [59]. Thus, the patient-centered healthcare model can provide proper assistance and approach to both patient and family, acting through multidisciplinary teams that provide the best assistance and care [60].

Therefore, it is highly recommended that a patient-centered care model associated with multidisciplinary teams are implemented in order to optimize the resources available and allow the patient and its family to receive the much needed assistance in their time of distress.

## Conclusion

It is a noticeable challenge to deal with a scenario of widespread anxiety and social reclusion, where the process of mourning is interrupted due to quarantine and isolation during 2020 pandemic. The isolation recommended for individual protection also reduced psychosocial support offered by overwhelmed health teams to bereaved family members, either due to the risk of contamination or the requirement for rapid intensive care, thus generating a scenario of psychological damage and confinement. Nonetheless, all these consequences imposed by COVID-19 could be overcome with holistic measures and appropriate support from both caregivers and civilians involved.

## Conflicts of Interest

The authors declare no conflict of interest.

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