Vol 3 No 5

Caregivers and alzheimer's disease through the covid-19 pandemic

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adults, especially who previously suffered from health problems. This population are more especially during the expansion and pandemic by COVID-19. Since higher levels of distress, anxiety and depression were observed among caregivers Now we need to unite even more to create an unyielding of dementia patients and Alzheimer's harm of the COVID-19 pandemic and its consequences for patients with AD and related dementias (ADRD) and their caregivers.

Introduction

their job difficult through the concomitance of COVID-19 pandemic. Caring for people with Alzheimer's disease (AD) and other dementias during this period of The most important thing to do is to practice right general recommendations can be helpful.

Older adults are more vulnerable to the onset of natural disasters and other types of crises, and this has especially true during the expansion and subsequent pandemic by COVID-19 (1). With the Severe Acute Respiratory Syndrome (SARS-CoV-2) pandemic, the number of deaths has increased worldwide (2) (3). Furthermore, most of those who died were older adults, especially who therefore, its possible spread (13). previously suffered from health problems (4).

Globally, more than 50 million people have dementia, and a new case occurs every 3 seconds (5). Dementia is a pandemic in our increasingly ageing population (6).

concern for people who have dementia and their relatives increased stress and behavioural problems (8).

access to the necessary information and news about the COVID-19 pandemic. It can be difficult for them to learn and remember recommendations for their care and AD (or another dementia) during the pandemic brings distancing measures.

COVID-19 pandemic has carried a high number of Tom Meuser, director of the Center for Excellence in deaths worldwide. Most of those who died were older Aging and Health at the University of New England, said: "there is no perfect solution for anyone these days, but if vulnerable, you are a caregiver of someone with dementia in your subsequent home or a facility, you face territory completely unknown"(10).

disease commitment and adherence to the principles of decency, individuals, we may be able to prevent or reduce the justice and equity in the allocation of scarce health and social care resources. By doing this, we will demonstrate our caring potential and capacity in a way that reflects our shared humanity, not only in the current crisis but into the future (11).

The main recommendations are summarized here. Any caregiver, as a relative as a professional, may find However, as we delve into the new situation, more points are emerging, in the face of this exceedingly tricky scenario.

social estrangement can be a challenge, but a few simple infection control measures, including proper and frequent hand washing, as well as the use of personal protective equipment (PPE) when indicated.

> Because people with Alzheimer's and other types of dementia can forget to wash their hands, caregivers should be more attentive to help people practise safe hygiene. When caring for someone with COVID-19, hygiene standards (12) must be met to prevent contagion and

Hands should often be washed with soap and water for at least 20 seconds or with a hand sanitizer, which contains between 60% and 95% alcohol. The entire surface of the hands should be washed and rubbed until dry. Avoid The union of the two pandemics has created great touching the eyes, nose and mouth with unwashed hands. Clean often and disinfect daily contact objects. Put on a or caregivers (7). A new environment can lead to mask and gloves when getting in touch with the recipient's blood, faeces or bodily fluids, such as saliva, sputum, People with Alzheimer's disease have more difficult nasal mucus, and urine. Put on the mask before entering the patient's home.

When removing the PPE, the gloves must be removed and discarded (do not reuse them). Then, wash the hands with protection. Such as using a mask or understanding the the use of soap and water or hand sanitizer with alcohol. pandemic data they receive. All of this is an increased Next, remove the mask and discarding it, immediately risk of being exposed (9). Caring for a loved one with rewash hands. If possible, remove the PPE when leaving the sick person's home and throw it away. Under normal challenges, especially with the implementing social circumstances, masks should also not be reused. However, there are not enough masks available to follow the standard practice of throwing masks after using them.

Vol.3No.5

to reuse them.

useful in this education.

In the middle of this whole situation, the sick person can etc. lose his mind and present unnecessary stress because not Preserve routines Action must be taken as the situation of the patient.

Present the situation in simple terms

to calm and comfort.

patients, and if they are very distressed or otherwise, they stimulation are calm in daily life. The caregivers must ponder It is necessary to make the person with AD participate in difficult to understand.

isolation, among others. Although today is not the same, psychostimulation there may be parallelism.

Avoid disputes

Know the emotional state

quarantine on healthy, previously socially affectively active older individuals (15).

agitated, even depressed. The AD patients may become disease). confused or extremely nervous with any change in the Take advantage of new technologies home environment. Therefore, it is essential to keep the Take environment calm and to have a plan for mediations or communications, such as computers and tablets or

Only due to impossibility supply of masks, you may need strategies to help situations in case the patient or behaviour becomes too challenging to handle. Caregivers In some situations, caregivers can help the patient wash should be honest with how they feel and do not hesitate to their hands washing, whether you set a time for it, or ask for help if they feel overflowed. Caring can be a putting indications in the bathroom or in the kitchen sink difficult job on a typical day. Furthermore, at a time when for washing his hands for 20 seconds. This routine which people undergo more stress and anxiety as well, they leads to a repetition helps positive changes in people suffer a loss of daily routine, it is crucial to think of with moderate dementia. Likewise, the physical yourself and recognize what takes to get your job well demonstration of the behaviour to be followed can be done. This can be to take a snack, read the newspaper, going for a walk (where allowed by law), taking a nap,

being able to learn and remember new information. The day-to-day life of a person with AD always results more comfortable with guidelines for tasks, as well as simplifying tasks, schedules and routines. In the With the COVID-19 pandemic in daily life, what exceptional situation, we are experiencing now, home information to select to a person with Alzheimer's confinement means not being able to continue with some disease? How to explain the needs and social distancing? of the usual routines, such as attending adult day centres, The responses depend on the exact condition of the go for a walk, and visiting or receiving visits from friends person (14). It would help if you spoke to a family or family. For this reason, we now need to generate new member or patient about the pandemic in a way that he routines, because maintaining order during the day, can understand according to sick's state. It is also good including some schedules, will carry the sick person from a frame of reference.

It is crucial to know if the small details stimulate these Promote physical activity and cognitive and functional

whether it is useful to share many details of something the tasks and daily spaces of leisure and activity. Family caregivers should facilitate Because the memories fade in persons suffering AD, a psychomotricity for maintaining good physical condition person with moderate dementia can still clearly in a cared person, along with cognitive stimulation. These remember his youth. The first and old memories to measures help to maintain autonomy as long as possible. explain and contextualize the present can help clarify the Conveniently, people with dementia keep the maximum pandemic. For example, World War II and other cognitive activity dependence on the ability of every historical situations that brought rationing, shortages, person. People who care this kind of patients can carry out activities programs exercises, board games, reading newspapers, crossword puzzles and other tasks).

People with AD may not be able to process information Moreover, on the other hand, following daily assignments correctly, so it is best to avoid discussions about COVID- that have a cognitive component and they are significant for the person with Alzheimer's disease (make the beds, cooking with supervision, set the table for meals, etc.). The first area of investigation should be an exploration. These activities stimulate and entertain them and improve of the neuropsychological and psychological effects of their self-esteem because they feel useful. Another and activity could be a conversation about objects with a strong emotional charge (letters, Since the rules of social distancing and isolation can photographs). Too, be busy and supervised with crafts, make more difficult to be with important persons for small house responsibilities, taking care plants or pets. Of your own, family members and caregivers can be course, they are adapted to their possibilities (stage of the

advantage technologies

Vol.3No.5

possible, the use of these devices. This has shown that, 1969 despite age, creates new synapses and circuits that are 7. The Lancet. COVID-19: protecting health-care workers. very beneficial, since you are manipulating something Lancet. 2020;395(10228):922

Caring for the caregiver

other psychological disorders.

stressful for individuals and communities. Each person public. Published reacts differently to traumatic situations. There are a few 2020. Accessed April 26, 2020 recommendations that can be taken to help avoid stress 11.0'Shea E. Remembering people with dementia during excessive exposure to media coverage; take a break from doi:10.12688/hrbopenres.13030.1 watching, reading, or listening to news; take care of the 12. body breathing deeply, stretching or meditating; try to Available eat meals healthy and well balanced, exercise (comply https://www.who.int/emergencies/diseases/novelenough sleep and stay away of alcohol and drugs and 2020 have a good support network to share concerns, 13 Weiss C. Science Saturday: More COVID-19 cases, information, problems and feelings with friends or take common sense precautions. family.

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