



# UK Health Security Agency

## Weekly Care Homes Evidence Digest

### Prevention and control of COVID-19 in home care/care homes settings

18<sup>th</sup> March 2022

#### Summary

This weekly digest contains a selection of evidence published in the last 7 days, in relation to the prevention and control of COVID-19 in home care/care home settings. We search a number of Covid-19 review repositories, an existing UK Health Security Agency (UKHSA) Covid-19 evidence digest (including Covid-19 evidence digests produced by Public Health England prior to October 2021), Ovid Medline and Embase, Social Care Online, medRxiv (pre-print server) and various websites. We select peer reviewed and non-peer reviewed publications (pre-prints), as well as systematic reviews, guidance and evidence summaries.

The digest is produced by UKHSA [Knowledge and Library Services](#) (KLS), in conjunction with a small editorial team.

We do not accept responsibility for the availability, reliability or content of the items included in this resource and do not necessarily endorse the views expressed within them. Our intent is to highlight early emerging research findings as well as research that has been subject to peer review and wider scrutiny.

The digest this week includes; from Italy, further reflections and lessons learned from the experience of protecting older people in long-term care facilities during the COVID-19 pandemic; from the USA, perspectives on staffing the frontline response in nursing homes during the COVID-19 pandemic; and benefits of monoclonal antibody therapy in reducing hospitalisation and mortality from COVID-19 in residents of long-term care facilities; from Austria, a qualitative study of the impact of the COVID-19 pandemic on the workload of nursing home staff; and from Sweden, a retrospective cohort study showing the short term impact of SAR-CoV-2 on the mortality of long-term care residents.

Finally, summaries of other recently published COVID-19 pandemic reports, guidance and statistics.

An ongoing series of UKHSA rapid reviews on a range of COVID-19 related research questions can be also found at <https://ukhsalibrary.koha-ptfs.co.uk/covid19rapidreviews/>. A wider range of UKHSA information resources on the impact of the COVID-19 pandemic may be found at <https://ukhsalibrary.koha-ptfs.co.uk/coronavirusinformation/>.

## Peer-Reviewed Articles

Publication date	Title / URL	Journal / Article type	Digest
09.03.2022	<a href="#">The Italian Experience in Protecting Older People During COVID-19: Lessons Learned for Long-Term Care Facilities (LTCF)</a>	Journal of long Term Care / Study	<ul style="list-style-type: none"> <li>Italy was the first country in Europe to experience high death rates among older people. Analysing the factors which may have determined high mortality rates in LTCF and identifying actions to safeguard older people's health in long-term care settings may be critical for future public health emergencies.</li> <li>To better protect LTCF residents in case of future health emergencies, actions need to be implemented in relation to LTCF's management, governance and capacity building. Furthermore, safety plans and strategies need to be put in place to ensure older residents' protection and maintain high level of care in LTCF during public health emergencies, such as COVID-19.</li> </ul>
10.03.2022	<a href="#">Perspectives of certified nursing assistants and administrators on staffing the nursing home frontline during the COVID-19 pandemic</a>	Health Services Research / Study	<ul style="list-style-type: none"> <li>Semi-structured interviews and focus groups exploring staffing challenges during COVID-19, strategies used to address them, and recommendations moving forward.</li> <li>Primary data collection with CNAs [certified nursing assistants] and administrators in six New York metro area nursing homes during fall 2020.</li> <li>Practices to stabilize the workforce should include 1) teamwork and person-centered operational practices including transparent communication; 2) increasing permanent staff to avoid shortages; and 3) evaluating and building on successful COVID-related innovations (self-managed teams and flexible benefits)</li> </ul>
14.03.2022	<a href="#">Effect of SARS CoV2-Neutralizing Monoclonal Antibody on Hospitalization and Mortality in Long-Term Care Facility Residents</a>	Aging and Disease / Study	<ul style="list-style-type: none"> <li>A retrospective analysis of LTCF residents with confirmed COVID-19, pre-symptomatic, mild to moderate disease, who were treated with bamlanivimab (LY-CoV555) were compared to similar LTCF residents who did not receive monoclonal antibody treatment. Dependent variables investigated included mortality and hospitalization as primary outcomes with adverse effects as the secondary outcome.</li> </ul>

			<ul style="list-style-type: none"> <li>Intravenous administration of monoclonal antibody bamlanivimab (LY-CoV555) to LTCF residents recently diagnosed with pre-symptomatic, mild to moderate COVID-19 was significantly associated with reduced mortality and hospitalization. The monoclonal antibody was well-tolerated.</li> </ul>
14.03.2022	COVID-19 pandemic: Burdens on and consequences for nursing home staff	Journal of Advanced Nursing / Study	<ul style="list-style-type: none"> <li>The objective of this qualitative descriptive interview study was to assess burdens placed on and consequences of the COVID-19 pandemic on nursing home staff.</li> <li>Regarding the qualitative work load, participants stated that they were required to perform additional tasks to care for residents, because the pandemic interventions placed the residents under stress and dealing with relatives presented significant challenges. Nursing home staff reported that psychological consequences such as uncertainty, fear and stress represented major effects of the COVID-19 situation.</li> </ul>

### Preprints

Publication Date	Title / URL	Preprint Source	Digest
13.03.2022	Time-Varying Death Risk After SARS-CoV-2-Infection in Swedish Long-Term Care Facilities	MedRxiv	<ul style="list-style-type: none"> <li>The case fatality rate of SARS-CoV-2 has been high among residents of long-term care (LTC) facilities. It is important to know if the excess mortality persists beyond the acute infection.</li> <li>This retrospective cohort study involved 3731 LTC residents with SARS-CoV-2 and 3731 controls (n=3604 in each group in the sensitivity analysis).</li> <li>No excess mortality was observed in LTC residents who survived the acute SARS-CoV-2 infection (the first month). The life expectancy of uninfected residents was much lower than that of the general population of the same age and sex.</li> </ul>

**Guidance**

Publication date	Title / URL	Author(s)	Digest
Updated 15.03.2022	<a href="#">Visiting arrangements in care homes</a>	DHSC	<ul style="list-style-type: none"> <li>Sets out how care homes can support families and visitors to visit residents.</li> </ul>
Updated 15.03.2022	<a href="#">Coronavirus (COVID-19): admission and care of people in care homes</a>	DHSC, CQC, UKHSA	<ul style="list-style-type: none"> <li>How to protect care home residents and staff during the coronavirus outbreak.</li> </ul>

**Statistics**

Publication date	Title / URL	Author(s)	Digest
15.03.2022	<a href="#">Number of deaths in care homes notified to the Care Quality Commission, England</a>	ONS, CQC	<ul style="list-style-type: none"> <li>Provisional counts of deaths in care homes caused by the coronavirus (COVID-19) by local authority. Published by the Office for National Statistics and Care Quality Commission.</li> </ul>
15.03.2022	<a href="#">Care home resident deaths registered in England and Wales, provisional</a>	ONS	<ul style="list-style-type: none"> <li>Provisional counts of the number of care home resident deaths registered in England and Wales, by region, including deaths involving coronavirus (COVID-19), in the latest weeks for which data are available.</li> </ul>
15.30.2022	<a href="#">Notifications to Care Inspectorate Wales related to COVID-19 in adult care homes (headline data): 9 March 2022</a>	Welsh Government	<ul style="list-style-type: none"> <li>Notifications related to COVID-19 in adult care homes during the coronavirus pandemic for 9 March 2022.</li> </ul>
16.03.2022	<a href="#">Coronavirus (COVID-19): adult care homes - additional data</a>	Scottish Government	<ul style="list-style-type: none"> <li>Weekly data on COVID-19 in adult care homes in Scotland.</li> </ul>