

## Licensed Nursing Staff: Caring for Older Adults in Long-term Care During the Pandemic and

## **Unlicensed Staff: Caring for Older Adults in Long-term Care During the Pandemic**

## References

- Administration for Community Living (ACL). (2020). Coronavirus disease 2019 (COVID-19). What do older adults and people with disabilities need to know? Retrieved May 1, 2020 from: <a href="https://acl.gov/COVID-19">https://acl.gov/COVID-19</a>
- Administration for Community Living (ACL), & Administration on Aging. (2018). 2018 Profile of older Americans.

  <a href="https://acl.gov/sites/default/files/Aging%20and%20Disability%20in%20America/2018OlderAmericansProfile.pdf">https://acl.gov/sites/default/files/Aging%20and%20Disability%20in%20America/2018OlderAmericansProfile.pdf</a>
- American Red Cross (ARC), & American Academy of Nursing (AAN). (2020). Closing the gaps: Advancing disaster preparedness, response and recovery for older Americans. 25 evidence-informed expert recommendations to improve disaster preparedness, response and recovery for older adults across the United States. Author. Retrieved May 6, 2020 from:

  <a href="https://www.redcross.org/content/dam/redcross/training-services/scientific-advisory-council/253901-03%20BRCR-Older%20Adults%20Whitepaper%20FINAL%201.23.2020.pdf">https://www.redcross.org/content/dam/redcross/training-services/scientific-advisory-council/253901-03%20BRCR-Older%20Adults%20Whitepaper%20FINAL%201.23.2020.pdf</a>
- American Federation for Aging Research (AFAR). (2020). Why aging immune systems are more vulnerable to the coronavirus. Retrieved April 30, 2020 from: <a href="https://www.nextavenue.org/immune-systems-vulnerable-coronavirus/">https://www.nextavenue.org/immune-systems-vulnerable-coronavirus/</a>
- American Health Care Association (AHCA), National Center for Assisted Living (NCAL), & National Hospice and Palliative Care Organization (NHPCO). (2020). *Guidance on the role of hospice services in LTC facilities during COVID-19 pandemic*. Retrieved April 20, 2020 from <a href="https://www.nhpco.org/wp-content/uploads/Hospice-and-LTC-Facilities-During-COVID-19\_040920.pdf">https://www.nhpco.org/wp-content/uploads/Hospice-and-LTC-Facilities-During-COVID-19\_040920.pdf</a>? zs=HKBsO1& zl=PWgh5
- American Medical Director Association (AMDA), & American Assisted Living Nurses Association (AALNA). Guidance and resources for assisted living facilities and continuing care retirement communities during COVID-19. Retrieved April 1, 2020 from:

  <a href="http://paltc.org/sites/default/files/01">http://paltc.org/sites/default/files/01</a> Intro/Guidance%20for%20Assisted%20Living%20Facilities%20an d%20Continuing%20Care%20Retirement%20Communities%204-2-20.pdf</a>
- Berry, P., & Griffie, J. (2019). Planning for the actual death. In: B. R. Ferrell and J. Paice (Eds.), *Oxford textbook of palliative nursing*, 5<sup>th</sup> edition (Chapter 33, pp. 420-431). New York, NY: Oxford University Press.



- Cacchione, P. Z. (2016). Sensory changes. In: M. Boltz, E. Capezuit, T. Fulmer, & D. Zwicker (Eds.) *Evidenced-based geriatric nursing protocols for best practice*, 5<sup>th</sup> edition (Chapter 5, pp. 57-75). New York, NY: Springer Publishing Company.
- Carpenter, J., & Ersek, M. (2019). Long term care: Focus on nursing homes. In B. R. Ferrell & J. Paice, (eds.). *Oxford textbook of palliative nursing*, 5<sup>th</sup> ed. (Chapter 49, pp. 606-614). Oxford University Press.
- Centers for Disease Control and Prevention (CDC). (2020a). Coronavirus Disease 2019 (COVID-19). Symptoms of coronavirus. Retrieved April 23, 2020 from: <a href="https://www.cdc.gov/coronavirus/2019-ncov/symptoms-testing/symptoms.html">https://www.cdc.gov/coronavirus/2019-ncov/symptoms-testing/symptoms.html</a>).
- Centers for Disease Control and Prevention (CDC). (2020b). *People who need to take extra precautions*. Retrieved May 3 from: <a href="https://www.cdc.gov/coronavirus/2019-ncov/need-extra-precautions/">https://www.cdc.gov/coronavirus/2019-ncov/need-extra-precautions/</a>
- Centers for Disease Control and Prevention (CDC). (2020c). Coronavirus Disease 2019 (COVID-19). *People who are at higher risk for severe illness*. Retrieved April 28, 2020 from: <a href="https://www.cdc.gov/coronavirus/2019-ncov/need-extra-precautions/people-at-higher-risk.html">https://www.cdc.gov/coronavirus/2019-ncov/need-extra-precautions/people-at-higher-risk.html</a>
- Centers for Disease Control and Prevention (CDC). (2020d). Coronavirus Disease 2019 (COVID-19). *Older adults*. Retrieved May 8, 2020 from: <a href="https://www.cdc.gov/coronavirus/2019-ncov/need-extra-precautions/older-adults.html">https://www.cdc.gov/coronavirus/2019-ncov/need-extra-precautions/older-adults.html</a>
- Centers for Disease Control and Prevention (CDC). (2020e). Coronavirus Disease 2019 (COVID-19).

  \*Preparedness checklist for nursing homes and other long-term care settings. Retrieved April 30, 2020 from: <a href="https://www.cdc.gov/coronavirus/2019-ncov/downloads/novel-coronavirus-2019-Nursing-Homes-Preparedness-Checklist\_3\_13.pdf">https://www.cdc.gov/coronavirus/2019-ncov/downloads/novel-coronavirus-2019-Nursing-Homes-Preparedness-Checklist\_3\_13.pdf</a>
- Centers for Disease Control and Prevention (CDC). (2020f). Coronavirus Disease 2019 (COVID-19). *Preparing for COVID-19: Long-term care facilities, Nursing Home*. Retrieved May 8, 2020 from: <a href="https://www.cdc.gov/coronavirus/2019-ncov/hcp/long-term-care.html?CDC\_AA\_refVal=https%3A%2F%2Fwww.cdc.gov%2Fcoronavirus%2F2019-ncov%2Fhealthcare-facilities%2Fprevent-spread-in-long-term-care-facilities.html">https://www.cdc.gov/coronavirus/2019-ncov/hcp/long-term-care-facilities.html</a>
- Centers for Disease Control and Prevention (CDC). (2020g). Coronavirus Disease 2019 (COVID-19). *Checklist for older adults*. Retrieved May 2, 2020 from: <a href="https://www.cdc.gov/coronavirus/2019-ncov/community/retirement/checklist.html">https://www.cdc.gov/coronavirus/2019-ncov/community/retirement/checklist.html</a>
- Centers for Disease Control and Prevention (CDC). (n.d.). *Coping with a disaster or traumatic event*. Retrieved May 2, 2020 from: <a href="https://emergency.cdc.gov/coping/pdf/Coping">https://emergency.cdc.gov/coping/pdf/Coping</a> with Disaster.pdf
- Centers for Medicare & Medicaid Services (CMS). (2013). F tag 155 Advance Directives-Revised Advance Copy. Retrieved April 29, 2020 from: <a href="https://www.cms.gov/Medicare/Provider-Enrollment-and-Certification/SurveyCertificationGenInfo/Downloads/Survey-and-Cert-Letter-13-16.pdf">https://www.cms.gov/Medicare/Provider-Enrollment-and-Certification/SurveyCertificationGenInfo/Downloads/Survey-and-Cert-Letter-13-16.pdf</a>



- Centers for Medicare & Medicaid Services (CMS). (2015). *Nursing home compendium 2015*. Retrieved May 8, 2020 from: <a href="https://www.cms.gov/Medicare/Provider-Enrollment-and-Certification/CertificationandComplianc/Downloads/nursinghomedatacompendium\_508-2015.pdf">https://www.cms.gov/Medicare/Provider-Enrollment-and-CertificationandComplianc/Downloads/nursinghomedatacompendium\_508-2015.pdf</a>
- Centers for Medicare & Medicaid Services (CMS). (2017). State Operations Provider Certification. *Revision to State Operations Manual (SOM) Appendix PP Incorporate revised Requirements of Participation for Medicare and Medicaid certified nursing facilities*. Pub. 100-07. Transmittal: 168. Retrieved April 29, 2020 from: <a href="https://www.cms.gov/Regulations-and-Guidance/Guidance/Transmittals/2017Downloads/R168SOMA.pdf">https://www.cms.gov/Regulations-and-Guidance/Guidance/Transmittals/2017Downloads/R168SOMA.pdf</a>
- Centers for Medicare & Medicaid Services (CMS). Center for Clinical Standards and Quality/Quality, Safety and Oversight Group. (2020a). *Upcoming requirements for notification of confirmed COVID-19 among residents and staff in nursing homes*. April 19, 2020. Ref: QSO-20-26-NH. Retrieved April 19, 2020 from: https://www.cms.gov/files/document/qso-20-26-nh.pdf
- Centers for Medicare & Medicaid Services (CMS). Center for Clinical Standards and Quality/Quality, Safety and Oversight Group. (2020b). *Guidance for infection control and prevent of coronavirus disease 2019 (COVID-19) in nursing homes*. Ref: QSO-20-14-NH. Revised. Retrieved April 30, 2020 from: https://www.cms.gov/files/document/qso-20-14-nh-revised.pdf
- Centers for Medicare & Medicaid Services (CMS). (2020c). *COVID-19 long-term care facility guidance*. April 2, 2020. Retrieved May 1, 2020 from: <a href="https://www.cms.gov/files/document/4220-covid-19-long-term-care-facility-guidance.pdf">https://www.cms.gov/files/document/4220-covid-19-long-term-care-facility-guidance.pdf</a>
- Centers for Medicare & Medicaid Services (CMS). Center for Clinical Standards and Quality/Quality, Safety and Oversight Group. (2020d). *Guidance for infection control and prevention concerning coronavirus disease 2019 (COVID-19) by hospice agencies*. March 9, 2020. Ref: QSO-20-16-Hospice. Retrieved May 9, 2020 from: <a href="https://www.cms.gov/files/document/qso-20-16-hospice.pdf">https://www.cms.gov/files/document/qso-20-16-hospice.pdf</a>
- Chai, E., Meier, D., Morris, J., & Goldhirsch, S. (Eds). (2014). The hospice model of palliative care. *Geriatric palliative care: A practical guide for clinicians*. (Chapter 12, pp. 61-66). New York, NY: Oxford University Press.
- Chovan, J. (2019). Principles of patient and family assessment. In: B. R. Ferrell and J. Paice (Eds.), *Oxford textbook of palliative nursing*, 5<sup>th</sup> edition (Chapter 4, pp. 32-54). New York, NY: Oxford University Press.
- Commonwealth of Virginia, Department of Health. (2020). *COVID-19 update for Virginia, April 6, 2020*. Retrieved April 24, 2020 from <a href="http://www.vdh.virginia.gov/clinicians/covid-19-update-for-virginia/">http://www.vdh.virginia.gov/clinicians/covid-19-update-for-virginia/</a>
- Cotter, V. T., & Foxwell, A. M. (2019). The meaning of hope in the dying. In B. R. Ferrell and J. Paice (Eds.), *Oxford textbook of palliative nursing*, 5<sup>th</sup> edition (Chapter 30, pp. 379-389). New York, NY: Oxford University Press.



- Dahlin, C. M., & Wittenberg, E. (2019). Communication in palliative care: An essential competency for nurses. In: B. R. Ferrell and J. Paice (Eds.), *Oxford textbook of palliative nursing*, 5<sup>th</sup> edition (Chapter 5, pp.55-78). New York, NY: Oxford University Press.
- Donesky, D. (2019). Dyspnea, cough, and terminal secretions. In B. R. Ferrell and J. Paice (Eds.), *Oxford textbook of palliative nursing*, 5<sup>th</sup> edition (Chapter 14, pp. 217-229). New York, NY: Oxford University Press.
- Dose, A. M., Leonard, B., McAlpine, C. P., & Kreitzer, M. J. (2014). The meaning of spirituality at the end of life. *Journal of Palliative and Hospice Nursing*, 16(3), 158-164.
- Dewey C., Hingle, S., Goelz, E., & Linzer, M. (March 20, 2020). Supporting clinicians during the COVID-19 pandemic. *Annals of Internal Medicine*, published ahead of print. Retrieved April 28, 2020 from: <a href="https://annals.org/aim/fullarticle/2763592/supporting-clinicians-during-covid-19-pandemic">https://annals.org/aim/fullarticle/2763592/supporting-clinicians-during-covid-19-pandemic</a>
- Garg, S., Kim, L., Whitaker M., O'Halloran, A., Cummings, C., Holstein, R. ...& Fry, A. Hospitalization rates and characteristics of patients hospitalized with laboratory-confirmed Coronavirus Disease 2019 COVID-NET, 14 States, March 1-30, 2020. *Morbidity and Mortality Weekly Report*, ePub:8. April 2020. Retrieved April 29, 2020 from: https://www.cdc.gov/mmwr/volumes/69/wr/mm6915e3.htm?s\_cid=mm6915e3\_w
- Golden, S. H. (2020). *Coronavirus in African Americans and other people of color*. Johns Hopkins Medicine. Retrieved May 5, 2020 from: <a href="https://www.hopkinsmedicine.org/health/conditions-and-diseases/coronavirus/covid19-racial-disparities">https://www.hopkinsmedicine.org/health/conditions-and-diseases/coronavirus/covid19-racial-disparities</a>
- Gulley, K. H., Altman, B. A., Strauss-Riggs, K., & Schor, K. (Eds). (2015). *Caring for older adults in disasters: A curriculum for health professionals*. Rockville, MD: The National Center for Disaster Medicine and Public Health, Uniformed Services University of the Health Sciences.
- Health in Aging Foundation. (2017). A guide to geriatric syndromes. Retrieved from: <a href="https://www.healthinaging.org/sites/default/files/media/pdf/HIA-TipSheet%20Geriatric%20Syndromes19.pdf">https://www.healthinaging.org/sites/default/files/media/pdf/HIA-TipSheet%20Geriatric%20Syndromes19.pdf</a>
- Homeland Security. (October 28, 2019). *National response framework*. 4<sup>th</sup> ed. Retrieved May 6, 2020 from: <a href="https://www.fema.gov/media-library-data/1582825590194-2f000855d442fc3c9f18547d1468990d/NRF\_FINALApproved\_508\_2011028v1040.pdf">https://www.fema.gov/media-library-data/1582825590194-2f000855d442fc3c9f18547d1468990d/NRF\_FINALApproved\_508\_2011028v1040.pdf</a>
- Hospice & Palliative Nurses Association (HPNA). (2015). *Spiritual care*. Retrieved May 10, 2020 from: <a href="https://advancingexpertcare.org/position-statements/">https://advancingexpertcare.org/position-statements/</a>
- Institute for Healthcare Improvement (IHI). (2020). *COVID-19 Resources: Care for older adults*. Retrieved May 2, 2020 from: <a href="http://www.ihi.org/Topics/COVID-19/Pages/COVID-19-Care-of-Older-Adults.aspx">http://www.ihi.org/Topics/COVID-19/Pages/COVID-19-Care-of-Older-Adults.aspx</a>
- Kravits, K. G. (2019). Self-care. In B. R. Ferrell and J. Paice (Eds.), *Oxford textbook of palliative nursing*, 5<sup>th</sup> edition (Chapter 69, pp. 817-823). New York, NY: Oxford University Press.



- Lazenby, M., & Moore, M. A. (2019). The ethos of palliative nursing. In B. R. Ferrell and J. Paice (Eds.), *Oxford textbook of palliative nursing*, 5<sup>th</sup> edition (Chapter 76, pp. 877-880). New York, NY: Oxford University Press.
- Levine, S., Bonner, A., Perry, A., Melady, D., & Unroe, K. T. (2020). COVID-19 in older adults: Transfers between nursing homes and hospitals. *Journal of Geriatric Emergency Medicine*, 1(5), 1-7.
- Long, C. O. (2016). Team communication in the nursing home setting. In E. Wittenberg-Lyles, B. Ferrell, J. Goldsmith, T. Smith, S. Ragan, M. Glajchen & G. Handro (Eds.). *Textbook of palliative care communication* (pp. 346-354). New York: Oxford University Press.
- Long, C. (2019). Older adult patients in the community. In: B. R. Ferrell and J. Paice (Eds.), *Oxford textbook of palliative nursing*, 5<sup>th</sup> edition (Chapter 38, pp. 483-489). New York, NY: Oxford University Press.
- Long, C. O., & Hector, P. (2017). Palliative care in nursing homes. In & P. J. Coyne, B. Bobb and K. Plakovic (Eds.). *Conversations in palliative care. Questions and answers with experts* (4<sup>th</sup> edition). (pp. 323-336). Pittsburgh, PA: Hospice and Palliative Nurses Association.
- Malone, M. L., Hogan, T. M., Perry, A., Biese, K., Bonner, A., Pagel, P., & Unroe, K. T. (March 18, 2020). COVID-19 in older adults: Key points for emergency department providers. *Journal of Geriatric Emergency Medicine*, *1*(4), 2-11.
- Mazanec, P., Reimer, R., Bullington, J., Coyne, P., Harris, H., Dubois, M. C., et al. (2019). Interdisciplinary palliative care teams: specialists in delivering palliative care. In: B. R. Ferrell and J. Paice (Eds.), *Oxford textbook of palliative nursing*, 5<sup>th</sup> edition (Chapter 7, pp. 89-97). New York, NY: Oxford University Press.
- Medicare.gov. (2020). *Is my test, item, or service covered? Telehealth*. Retrieved May 11, 2020 from: https://www.medicare.gov/coverage/telehealth
- Miller, C. A. (2018). *Nursing for wellness in older adults*, 8<sup>th</sup> edition. Philadelphia, PA: Wolters Kluwer/Lippincott Williams & Wilkins.
- National Comprehensive Cancer Network (NCCN). (2019). *Clinical practice guidelines in oncology: distress management*, Version 3.2019. Retrieved April 24, 2020 from: <a href="https://www.nccn.org/professionals/physician\_gls/pdf/distress.pdf">https://www.nccn.org/professionals/physician\_gls/pdf/distress.pdf</a>
- National Consensus Project (NCP) for Quality Palliative Care. (2018). *Clinical practice guidelines for quality palliative care*, 4<sup>th</sup> edition. Richmond, VA: National Coalition for Hospice and Palliative Care. Retrieved April 27, 2020 from: <a href="https://www.nationalcoalitionhpc.org/ncp/">https://www.nationalcoalitionhpc.org/ncp/</a>



- National Hospice and Palliative Care Organization (NHPCO). (2018). *NHPCO facts and figures 2018 edition*. Retrieved May 5, 2020 from: <a href="https://39k5cm1a9u1968hg74aj3x51-wpengine.netdna-ssl.com/wp-content/uploads/2019/07/2018\_NHPCO\_Facts\_Figures.pdf">https://39k5cm1a9u1968hg74aj3x51-wpengine.netdna-ssl.com/wp-content/uploads/2019/07/2018\_NHPCO\_Facts\_Figures.pdf</a>
- National Quality Forum (NQF). (2006). A national framework and preferred practices for palliative and hospice care: A consensus report. Washington DC: Author.
- O'Neill, L. B., & Morrison, R. S. (2018). Palliative care: issues specific to geriatric patients. *UpToDate*. Retrieved April 29, 2020 from: <a href="https://www.uptodate.com/contents/palliative-care-issues-specific-to-geriatric-patients#">https://www.uptodate.com/contents/palliative-care-issues-specific-to-geriatric-patients#</a>!
- Paice, J. A. (2019). Pain management. In: B. R. Ferrell and J. Paice. (Eds.), *Textbook of palliative nursing*, 5<sup>th</sup> edition (Chapter 9, pp. 116-131). New York, NY: Oxford University Press.
- Prince-Paul, M., & Daly, B. J. (2019). Ethical considerations in palliative care. In B. R. Ferrell and J. Paice (Eds.), *Oxford textbook of palliative nursing*, 5<sup>th</sup> edition (Chapter 80, pp. 824-836). New York, NY: Oxford University Press.
- Probari. (April 5, 2020). *Symptom management support for COVID-19 in the nursing home*. Retrieved May 11, 2020 from: <a href="https://www.optimistic-care.org/docs/pdfs/COVID">https://www.optimistic-care.org/docs/pdfs/COVID</a> symptom treatment in NHs 4-5-20.pdf
- Puchalski, C., & Ferrell, B. (2010). *Making health care whole: Integrating spirituality into patient care*. West Conshohocken, PA: Templeton Press.
- Roland, K., & Markus, M. (2020). COVID-19 pandemic: palliative care for elderly and frail patients at home and in residential and nursing homes. *Swiss Medical Weekly*, *150*:w20235 doi:10.4414/smw.2020.20235
- Smith, C. M., & Cotter, V. T. (2016). Age-related changes in health. In: M. Boltz, E. Capezuit, T. Fulmer and D. Zwicker (Eds.), *Evidenced-based geriatric nursing protocols for best practice*, 5<sup>th</sup> edition (Chapter 3, pp. 23-42.) New York, NY: Springer Publishing Company.
- Substance Abuse and Mental Health Services Administration (SAMHSA). (October, 2014). *Coping with stress during infectious disease outbreak*. Pub. ID SMA14-4885. Retrieved April 28, 2020 from: <a href="https://store.samhsa.gov/product/Coping-with-Stress-During-Infectious-Disease-Outbreaks/sma14-4885">https://store.samhsa.gov/product/Coping-with-Stress-During-Infectious-Disease-Outbreaks/sma14-4885</a>
- Substance Abuse and Mental Health Services Association (SAMHSA). (n.d.) *Tips for social distancing, quarantine, and isolation during an infectious disease outbreak.* SAMHSA Pub. No. PEP20-01-01-007. Retrieved April 28, 2020 from: <a href="https://www.samhsa.gov/sites/default/files/tips-social-distancing-quarantine-isolation-031620.pdf">https://www.samhsa.gov/sites/default/files/tips-social-distancing-quarantine-isolation-031620.pdf</a>
- Taylor, E. J. (2019). Spiritual screening, history, and assessment. In: B.R. Ferrell and J. Paice (Eds.), *Oxford textbook of palliative nursing*, 5<sup>th</sup> edition (Chapter 34, pp.432-446). New York, NY: Oxford University Press.



- U.S. Bureau of Labor Statistics. (2020). Nursing assistants and orderlies. *Occupational outlook handbook*. Retrieved May 15, 2020 from: https://www.bls.gov/ooh/healthcare/nursing-assistants.htm#tab-3
- University of Maryland School of Pharmacy. (April 10, 2020). *Optimizing medication management during the COVID-19 pandemic: Implementation guide for post-acute and long-term care*. Retrieved May 22, 2020 from: <a href="https://www.pharmacy.umaryland.edu/centers/lamy/optimizing-medication-management-during-covid19-pandemic/">https://www.pharmacy.umaryland.edu/centers/lamy/optimizing-medication-management-during-covid19-pandemic/</a>
- Zhao, M., Gao, J., Ming, L., & Wang, K. (2019). Relationship between loneliness and frailty among older adults in nursing homes: The mediating role of activity engagement. *Journal of the American Medical Directors Association*, 20(6), 759-764.

FINAL June 8, 2020