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# Patient deterioration and COVID-19: alert no.5

Evidence and Evaluation for Improvement Team  
(EEvIT)

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This is the fifth of a planned series of quarterly alerts for new publications on the topic of patient deterioration and COVID-19. The citation and full-text links for these publications are listed below in the following themes: [general](#), [identification](#), [management](#), and [treatment](#). This list contains literature published between September and December 2021.

## Deterioration (general)

Gaughan MR, Jungquist CR. [Patient Deterioration on General Care Units](#). ANS Adv Nurs Sci. 2021;10.1097/ANS.0000000000000396.

National Institute for Health and Care Excellence. COVID-19 rapid guideline: managing COVID-19 [online]. 2021 [cited 2021 Dec 21]; Available from: <https://www.nice.org.uk/guidance/ng191>

Swearingen D, Boverman G, Tgavalekos K, Noren DP, Raviindranath S, Ghosh E, *et al.* [A Retrospective Cohort Study of Clinical Factors Associated with Transitions of Care among COVID-19 Patients](#). J Clin Med. 2021;10(19):4605.

## Identification

Brook R, Lim HY, Ho P, Choy KW. [Risk factors and early prediction of clinical deterioration and mortality in adult COVID-19 inpatients: an Australian tertiary hospital experience](#). Intern Med J. 2021;10.1111/imj.15631.

Nguyen S, Chan R, Cadena J, Soper B, Kiszka P, Womack L, *et al.* [Budget constrained machine learning for early prediction of adverse outcomes for COVID-19 patients](#). Sci Rep, 2021;11:19543.

Uranga A, Villanueva A, Lafuente I, González N, Legarreta MJ, Aguirre U, *et al.* [Risk factors for clinical deterioration in patients admitted for COVID-19: A case-control study](#). Rev Clin Esp. 2021;S2254-8874(21)00149-1.

## Management

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## Treatment

Facente SN, Reiersen AM, Lenze EJ, Boulware DR, Klausner JD. [Fluvoxamine for the Early Treatment of SARS-CoV-2 Infection: A Review of Current Evidence](#). Drugs. 2021;81:2081-9.