

## Troponin-T and B-Type Natriuretic Peptide in COVID-19

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Dear Editor,

We would like to share ideas on the publication "Prognostic Value of Troponin-T and B-Type Natriuretic Peptide in Patients Hospitalized for COVID-19 [1]." Almeida Jr. et al.<sup>1</sup> reported using Memory box as a tool to support grief and concluded that "In the first 24h of admission, TnT, but not BNP, was an independent marker of mortality or need for invasive mechanical ventilation."<sup>1</sup> In COVID-19, cardiac complication is possible

and is common in severe infection.<sup>2</sup> Myocardial involvement is a common cardiac problem and immunological myocarditis is an important severe manifestation of COVID-19.<sup>3</sup> Therefore, troponin-T, which is a good biomarker for myocardial injury, might have good prognostic factor for severity of COVID-19. Nevertheless, it should be noted that renal problems can also induce troponin-T abnormality.<sup>4</sup> If the patient has an underlying renal problem, the interpretation of troponin-T in COVID-19 patients must be careful.

### Keywords

COVID-19/complications; Betacoronavirus; Mortality; Hospitalization; Myocarditis; Biomarkers; Troponin-T; Natriuretic B-Type

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