



This work is licensed under a Creative Commons Attribution-NonCommercial 4.0 International License.

Convalescent (Immune) Plasma Therapy and COVID-19

Viroj Wiwanitkit

Dear Editor,

I would like to share ideas on the publication “Convalescent (Immune) Plasma Therapy with all Aspects: Yesterday, Today and COVID-19 (1).” Özdemir and Arsoy concluded that “Clinicians can encourage COVID-19– infected patients in visits to donating plasma after hospital discharge. If the results of large-scale randomized clinical trials demonstrate efficacy, the use of this therapy also could help change the course of this pandemic (1).” During the COVID-19 outbreak, medical society tries to seek new alternative therapies against the new disease and convalescent plasma therapy is a new choice. There may be much usefulness of convalescent plasma therapy in COVID-19 management, but there is still no conclusion on its exact therapeutic effectiveness and safety. The possible repeated infection in some COVID-19 patients may challenge the use of convalescent plasma therapy (2, 3). In addition, the chance of remained virus in convalescent plasma is also another important concern in using this new therapy (4). There is no doubt that convalescent plasma collection may be performed at this time, but we may have to wait for more clinical data on the safety of convalescent plasma therapy before it is accepted as a novel standard treatment for COVID-19.

Peer-review: Externally peer-reviewed.

Conflict of Interest: The author have no conflict of interest to declare.

Financial Disclosure: The author declared that this study has received no financial support.

REFERENCES

1. Özdemir Ö, Arsoy HEM. Convalescent (Immune) Plasma Therapy with all Aspects: Yesterday, Today and COVID-19. Erciyas Med J 2020; 42(3): 252–9. [\[CrossRef\]](#)
2. Law SK, Leung AWN, Xu C. Is reinfection possible after recovery from COVID-19? Hong Kong Med J 2020; 26(3): 264–5
3. Bongiovanni M, Basile F. Re-infection by COVID-19: a real threat for the future management of pandemia?. Infect Dis (Lond) 2020; 52(8): 581–2. [\[CrossRef\]](#)
4. Hartman WR, Hess AS, Connor J. Persistent viral RNA shedding after COVID-19 symptom resolution in older convalescent plasma donors. Transfusion. 2020 Jun 13. doi: 10.1111/trf.15927. [Epub ahead of print]. [\[CrossRef\]](#)

Cite this article as:
Wiwanitkit V. Convalescent (Immune) Plasma Therapy and COVID-19. Erciyas Med J 2020; 42(4): 493.

DY Patil University,
Pune, India

Submitted
18.06.2020

Accepted
19.06.2020

Available Online Date
25.06.2020

Correspondence
Viroj Wiwanitkit,
Bangkok, Thailand 10160
Phone: +6624132436
e-mail: wviroj@yahoo.com

©Copyright 2020 by Erciyas
University Faculty of Medicine -
Available online at
www.erciyasmedj.com