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• April 1, 2020 • **Conflict of Interest:** *FMTVDM issued to first author.*

Measuring Hydroxychloroquine and Chloroquine safety and efficacy with FMTVDM for the Treatment of CoVid-19 Pneumonia (CVP) and Inflammation.

Efforts to address the benefits and risks of inter alia antimalarial, antiviral, angiotensin receptor blocker (ARB), interferon, steroids, convalescent antibodies from CoVid-19 survivors plasma – both with and potentially without the additional immune support of folate, B12, DHEA, and vitamins C and D – are currently being addressed.

While most centers are focusing on clinical monitoring and outcomes – death or survival – such monitoring will not allow us to sort out the details of what is and is not working for patients with CoVid-19 Pneumonia (CVP) and the associated inflammatory changes, which may include ARDS.

The utilization of FMTVDM [1,2] to measure changes in tissue is critical to our being able to both understand the severity of CVP and treatment responses. Such FMTVDM measurement can be done before treatment begins and again 48 to 72-hours after treatment has started, to determine the success or failure of treatment; from which clinicians can make decisions to either maintain, change or augment any particular patients treatment based upon their actual measured response.

FMTVDM can be performed at most hospitals using standard nuclear imaging cameras. The licensing costs of FMTVDM are being waived for CoVid-19 patients during this pandemic. Requests for further information and to be included in this investigational study is available by writing to the first author.

References:

1. The Fleming Method for Tissue and Vascular Differentiation and Metabolism (FMTVDM) using same state single or sequential quantification comparisons. Patent Number 9566037. Issued 02/14/2017.
2. Fleming RM, Fleming MR, Dooley WC, Chaudhuri TK. Invited Editorial. The Importance of Differentiating Between Qualitative, Semi-Quantitative and Quantitative Imaging – Close Only Counts in Horseshoes. Eur J Nucl Med Mol Imaging. 2020;47(4):753-755. DOI:10.1007/s00259-019-04668-y. Published online 17 January 2020 <https://link.springer.com/article/10.1007/s00259-019-04668-y>
<https://rdcu.be/b22Dd>