Open Peer Review on Qeios

HORA study

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HORA is the abbreviation for ***H***yperbaric ***O***xygen for central ***R***etinal ***A***rtery occlusion. HORA study is a clinical scientific research project in the field of medical ophthalmology, focusing on central retinal artery occlusion (CRAO) treatment by hyperbaric oxygen therapy (HBOT) in Hong Kong SAR. This research is lead by Dr. Sunny Chi Lik Au and his team.[a] The name HORA was chosen because it means "hour" or "time" in Portuguese and Spanish; and also refers to the goddess of time in Greek mythology. This meaningful term was selected to highlight the emergency nature of CRAO. Timely and urgent treatment is crucial for the rapid blinding pathology of CRAO, as the photo-receptors are prone to irreversible damage within hours of the ischemic insult.

The HORA study first started its publication in 2020.[1] Subsequently, COVID-19 emerged, and the second publication, related to COVID-19, was published in 2021.[b] The series of HORA study reports continues, with the third report published in the *Journal of Acute Disease*.[2] The Impact Factor®, as reported in the 2023 Journal Citation Reports® (Clarivate Analytics, 2024), is 0.4.

The brand of HORA study report goes on to her forth publication in*Indian Journal of Ophthalmology*,[3] which has an Impact Factor® 2.1. As the COVID-19 pandemic receded, the HORA study refocused on clinical retinal research. The latest publication, its fifth report, appears in the *World Journal of Methodology*.[4] Different journals have varying requirements for manuscript titles; some do not permit the abbreviation "HORA" in the title. Consequently, the HORA study has published more than five reports,[5] with some publications titled simply as the Hong Kong study report.

Many publications across journals in different specialties have mentioned the HORA study, for example,*QJM,*[6] *Journal of Neuro-Ophthalmology,*[7] *Indian Journal of Ophthalmology,*[8] *Journal of Stroke and Cerebrovascular Diseases*,[9][10] etc. HORA study data were also presented in the 6th Asia Pacific Tele-Ophthalmology Society Symposium in 2021,[c] and the 32nd Annual Scientific Meeting Hong Kong Ophthalmological Symposium in 2020 organised by The College of Ophthalmologists of Hong Kong and The Hong Kong Ophthalmological Society.[d]

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