



Order ID B26368
 Provider Sample Provider MD

Specimen
 Collected 09/23/2024
 Received 09/24/2024
Test Order
 Created 09/24/2024
 Reported 09/27/2024

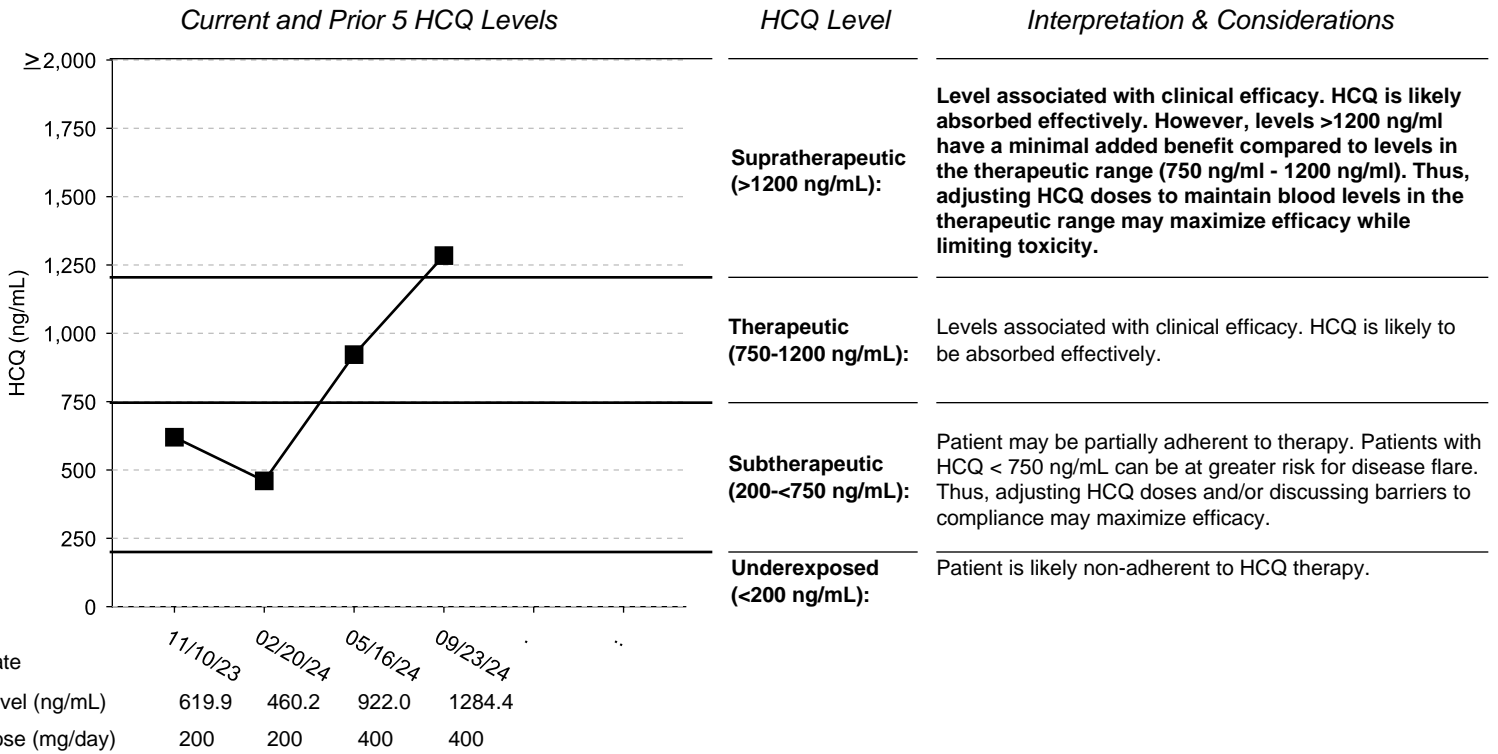
Patient
Sample, Susan
 Gender - DOB Female - 01/01/2001
 MRN MRN12345

AVISE HCQ Test Report

Current Hydroxychloroquine (HCQ) Level:

1284.4 ng/mL - Supratherapeutic

Current HCQ Dose (mg/day)
 400



Risk Factors

Supratherapeutic: Excessive HCQ levels may arise from (1) chronic kidney disease stage ≥ 3 associated with higher odds, (2) HCQ dose (400 mg/day associated with higher odds compared to 200mg/day) and (3) substantial weight loss⁷.

Test Method Description

HCQ concentration is determined by Liquid Chromatography coupled with Mass Spectrometry (LC/MS/MS).

Test limitations: This test has not been validated in pediatric populations. This test should not be performed on patients receiving HCQ therapy for less than 6 months. This test cannot be used to assess the risk of HCQ toxicity.

References

- Garg S, et al. Arthritis Care Res. 2024 Feb;76(2):241-250. doi: 10.1002/acr.25228.
- Petri M, et al. Arthritis Rheumatol. 2020 Mar; 72(3):448-453. doi: 10.1002/art.41121.
- Costedoat-Chalumeau N, et al. Ann Rheum Dis. 2013 Nov;72(11):1786-1792. doi: 10.1136/annrheumdis-2012-202322.
- Costedoat-Chalumeau N, et al. Best Pract Res Clin Rheumatol. 2013 Jun;27(3):329-340. doi: 10.1016/j.berh.2013.07.001.
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