

3rd International Conference on **Virology, Infectious Diseases and COVID-19**

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QI Project/Audit Loop: Enoxaparin Administration In MSF Zaatari Project

This audit took place at the MSF Zaatari project. The audit looked into whether the thromboprophylaxis given to COVID-19 positive patients was according to MSF guidance. The data was collected retrospectively and included all patients admitted on 10/10/2020 and leaving the facility before 22/11/2020 (42 days). The inclusion criteria were: patients whose length of stay was 1 or more days, patients whose peak severity was moderate, severe or critical and patients for whom Enoxaparin was not contraindicated. 12 patients were screened for inclusion, 5 met the criteria. Of the 5 patients, none were provided with VTE prophylaxis as per guidance. The MSF team then carried out intervention by ensuring the availability of enoxaparin at the pharmacy, educating doctors and nurses about VTE guidance, and creating google drive with guidance accessible to nurses and doctors. Patients were rescreened following intervention between 30/11/2020 & before 11/1/2021. 30 patients were screened and 19 met inclusion criteria. There was a significant increase of 84% in the adherence to the VTE prophylaxis guidance. This significant increase was due to a combination of the above intervention and the cooperation of the working team.