ROLE OF MICRONUTRIENT SUPPLEMENTS IN HIV-INFECTED POST
TRAUMATIC PATIENTS RECEIVING HAART - A REVIEW

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Abstract:
In HIV-infected persons, low serum concentrations of vitamins and minerals, termed micronutrients, are associated with an increased risk of HIV disease progression and mortality. Micronutrient supplementation enriched with selenium, spirulina and high protein high calorie intake can delay HIV disease progression and reduce mortality in HIV-positive persons receiving highly active antiretroviral therapy (HAART). The provision of simple, inexpensive micronutrient supplements as an adjunct to HAART have several cellular and clinical benefits, such as a reduction in mitochondrial toxicity and oxidative stress and an improvement in immune reconstitution. The patients who suffered from immune suppression carry an increased incidence of post operative complications, such as infection, poor healing, necrosis, osteomyelitis, non healing fistulas which lead to increased morbidity, hospitalization expenses and stays, sepsis, and reoperation. So the nutrition supplements along with prompt and systematic interventions such as debridement and antibiotics in the post-operative period help to enhance the wound healing and help in the post-operative recovery and well-being of the patient. The aim of the poster is to give a review on beneficial effects of post traumatic nutritional supplementation on HIV patients receiving HAART therapy.