4. Hypothesis:

1. Enteral L-Glutamine supplementation in post-operative period may improve nutritional status and antioxidant status in patients with head and neck and upper GI malignancies compared to an isocaloric/isonitrogenous diet.

2. Enteral L-Glutamine supplementation in post-operative period may improve post-operative outcomes and reduce systemic inflammatory response in patients with head and neck and upper GI malignancies compared to an isocaloric/isonitrogenous diet.