

**Title:**

Using narrow-band imaging (NBI) technique to detect post-radiotherapy mucosal residual nasopharyngeal carcinoma (NPC)

**Principle Investigator**

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**Statistical Analysis plan**

1. Post-RT NP NBI vessel pattern were analyzed
2. Vessel pattern will be divided into NBI suspicious group and NBI non suspicious group
3. 2x2 table of suspicious/ non-suspicious group vs no residual disease / have residual disease will be obtained
4. Chi-square test will be performed, p-value will be contained
5. Sensitivity, specificity, positive predicted value, negative predicted value of using NBI to detect mucosal residual NPC will be calculated