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## Histologic findings of tonsillectomy specimen with the necessity of microscopic evaluation in young patient

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Tonsillectomy is one of the most common procedures in the hospital. Recent studies reveal that histo-pathological findings of routine tonsillectomy in the young patient has no significant pathology findings and consume times and human resource. The need of routine microscopic examination in tonsillectomy from the young patient is questioned. The objective is to study the necessity of microscopic evaluation of tonsillectomy specimen in the young patients and pathological findings in tonsillectomy specimens. A retrospective medical record review was performed at Srinagarind Hospital. The pathological specimens of 401 patients who underwent tonsillectomy at the age under 19 years old in 2011-August 2016 were analyzed and the histo-pathological findings, macroscopic examination, indication of surgery and underlying disease were reviewed. A total of 401 patients were included. The age distribution was one to 19 years (mean 7.4 years, SD 4.4). There were 251 males (62.6) and 150 females (37.4%). Lymphoid hyperplasia was detected in all patients (100%). No unexpected malignancies were found in pediatric patients. No unexpected finding in routine tonsillectomy specimens from the young patients is identified. However, microscopic examination should be considered in clinically or macroscopically suspicious cases for malignancy.

### Biography

Katanyoo Sawangsri has completed her Medical School and Postdoctoral studies from Faculty of Medicine, Khon Kaen University, Thailand. Currently she is working as Pathologist at Khon Kaen University.

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