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# Cytopathology & Histopathology

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## Ultrasound-guided Fine Needle Aspiration Cytology Practice

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**Introduction:** Fine Needle Aspiration (FNA) cytology under ultrasound (US) guidance is a desirable diagnostic model, especially when the procedure is performed by a cytopathologist. The author will share her 8-year experiences as a board certified cytopathologist who also performs US-guided procedures in academic institutions in New York, USA.

**Aim:** To provide guidance and road map for the audiences who are interested in building a US- guided FNA practice themselves.

**Materials & Methods:** Various strategies for creating a US-FNA practice will be discussed. Representative case examples will be illustrated. Relevant published and unpublished data will be summarized for this presentation.

**Results:** The results will be shown at the conference as published data, case examples, and recent data based on the new practice established by the author at Stony Brook University Hospital.

**Conclusions:** US-FNA cytology practice is a valuable medical practice that may provide not only accurate cytological diagnoses but also sufficient material for ancillary studies in majority of patients with superficially located masses including non-palpable ones. Such a one-stop-shop model practice should be applied, so that patients may receive maximum benefit with minimal or virtually no risk of complications.

### Biography

Maoxin Wu is a clinical full Professor of Pathology. She has completed her MD from Shanxi Medical University in China and subsequently earned PhD from University of Illinois in USA and passed all steps of examinations and trainings and certified to become a Medical Doctor in the United States. She is specialized in Pathologist with expertise in cytopathology and fine needle aspiration under ultrasound guidance. She has served as the Director of Cytopathology at two major academic medical centers (Mount Sinai Medical Center and Stony Brook University Hospital) in the United States for the past 10 years. She has published more than 60 papers and has been serving as Co-Editor and Reviewer of reputable scientific journals.

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