

Surgical Competency for Robot-Assisted Thyroidectomy: Construction and Validation of a Robotic Thyroidectomy Assessment Score (RTAS)

NCT06730321

Status	RECRUITING
Sponsor	Shanghai 6th People's Hospital
Enrollment	200 participants

Plain Language Summary

This study is developing and validating a standardized assessment tool to measure surgical skill and competency during robotic-assisted thyroid surgery. Researchers will record operations and score them to create a reliable grading system for training and quality assurance.

****You may be eligible if...****

- You have been diagnosed with differentiated thyroid cancer with a maximum tumor size of 4 cm, OR a benign (non-cancerous) thyroid nodule up to 6 cm
- You have high cosmetic expectations (preferring to avoid a visible neck scar)
- You underwent robotic thyroidectomy without needing to convert to open surgery

****You may NOT be eligible if...****

- You have a history of prior neck surgery or radiation to the neck
- You have vocal cord paralysis on the opposite side to the thyroid being operated on
- Imaging suggests the cancer has invaded nearby structures
- Your neck lymph nodes are fused together or fixed (suggesting advanced spread)

Talk to your doctor to see if this trial is right for you.

Key Eligibility Criteria

Inclusion (4)

- Clinical diagnosis of differentiated thyroid cancer with a maximum diameter not exceeding 4 cm
- Clinical diagnosis of benign thyroid nodules with a maximum diameter not exceeding 6 cm
- Participants with high cosmetic expectations
- Participants underwent robotic thyroidectomy without open conversion

Exclusion (4)

- Participants with history of neck surgery or radiation
- Participants with vocal fold fixation by preoperative fibrolaryngoscope
- Participants with preoperative examination suggestive of distant invasion
- Participants with fusion or fixed of lymph nodes in the neck

Locations (1 total)

Shanghai Sixth People's Hospital, Shanghai, China

<https://clinicaltrials.gov/study/NCT06730321>

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