

# PARATHYROID ULTRASOUND

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## Recommended Transducer(s):

GE 700: M12L Linear, LA39, and/or 546L Linear

Acuson Sequoia: 12 Linear

GE Logiq 9: M12 Linear

## Position:

Supine with the neck hyperextended (i.e. pillow under the shoulder).

It may be necessary to turn the head slightly to the opposite side.

## Images:

Routine images of the thyroid (see "THYROID SONOGRAM" protocol). Document any abnormality.

If a parathyroid mass is visualized, the number, size (in three dimension), vascularity (in color Doppler) should be determined. The relation to the thyroid gland should be documented.

## Notes:

- The normal parathyroid gland is generally not seen.
- A rather constant location of one pair of the glands, is in a triangle between the common carotid artery, thyroid lobe and longus coli muscle at the level of the inferior thyroidal artery. The survey however, should be extended superior and inferior to the thyroid gland since the location and number of the parathyroid glands are often variable.