

# NASAL BONE Assessment

## Assessment Criteria and Image Scoring Method

Criterion	Definition	Score
Image size	Include head, neck, upper chest	1 or 0
Image plane	Mid-sagittal (accept infraorbital segment of the maxilla an outer limit)	1 or 0
Face/head angle	45 degrees to the axis of ultrasound beam - nasal bone perpendicular to beam (accept 30 - 60 degrees).	1 or 0
Skin line(s)	Two separate skin lines – over the nasal bridge and, at an elevated level, over the nasal tip. <ul style="list-style-type: none"> <li>• Two clearly separate lines (gap and level)</li> <li>• Single line</li> <li>• No clear skin line separate from nasal bone</li> </ul>	2 or 1 or 0
Nasal bone*	Thicker/brighter than overlying skin Visible, isoechoic with overlying skin Visible, thin as overlying skin Thinner/less bright than overlying skin	2 or 1 or 1 or 0
	OR Nasal bone image absent when actually absent	2
*	Identifying nasal bone image as present when actually absent	Overall assessment fail

### The following notes apply:

Maximum score is 7 out of 7. A score of 5 or more is an acceptable image.

For an overall assessment fail, if the image assessment is for:

- i. NB Certification - an operator should submit an additional 3 images for assessment.
- ii. Audit purposes - an operator must re-read the nasal bone section in NTOLP and submit the necessary number of images requested by the assessor within the specified timeframe. Assessors at their discretion can request additional one or three further images for assessment. Additional nasal bone images must be submitted as follows:
  - One image within one month of receiving an audit result.
  - Three images within three months of receiving an audit result.