Lymph node found
Acquire B-mode characteristics & additional information:
(size - central hilar structure - coagulation necrosis sign - adjacent lymph nodes - in plane / out of plane (peripheral) vasculature - artefacts)
Activate Elastography
Set ROI (<25% lymph node area)
- Include as much surrounding tissue as possible
- Exclude greater vessels if possible
Keep probe position steady
Apply suction to improve wall adherence if necessary
Assess strain rate graph & image:
Reproducible strain image?
Strain within max. amplitude of strain graph?
No
Reposition transducer
Try to get best reproducible image
/
reconsider ability of using elastography
Yes
Freeze image
Select & save representative strain images/video:
- Select image sector (based on strain graph) with reproducible strain in time.
- Save image sector (video file)
- Select image in said image sector with representative strain
- Save image (image file)
Perform VAS scoring on selected image:
- Color VAS score
- Mod. Tsukuba score
Perform Strain histogram scoring:
- Draw rectangular ROI
(ROI borders should follow lymph node borders)
- Save ROI (image file) & measurement file (CSV)
Deactivate Elastography imaging
Start aspiration procedure
(according to guidelines & using B-mode imaging only)
Retrospective:
Perform strain ratio scoring