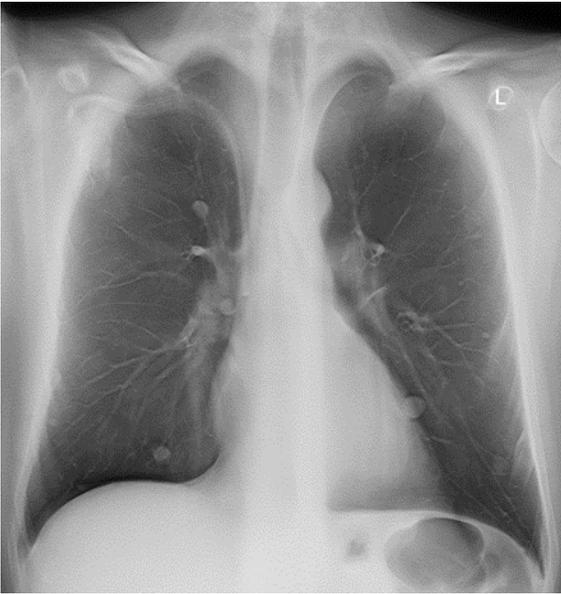




# VolumeRAD

## Quick Reference Guide



### Disclaimer

#### Notice

The materials contained in this course/document are intended for educational purposes only.

This course/document does not establish specifications, operating procedures, or maintenance methods for any of the products referenced. Always refer to the official written materials (labeling) provided with the product for specifications, operating procedures, and maintenance requirements. Configurations available for any product mentioned, will depend on local market and standards requirements. Illustrations in this course/document may not represent all configurations of the product. This course/document does not cover the operation of every accessory.

No diagnostic statements are inferred or included in these materials. All clinical diagnosis should be made by a trained physician or clinician. All patient names or other protected health information or data contained in any image within this material is fictitious. Any similarity to actual persons is coincidental.

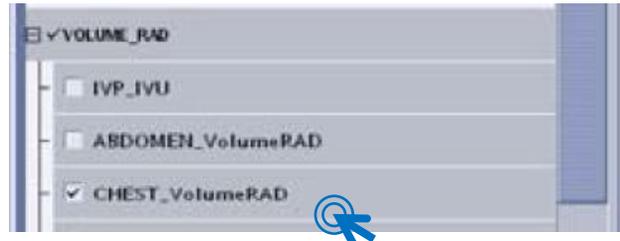
- 1 Select patient from the Worklist or manually add patient

Date	Time	Patient Name	Patient ID
11/08/2011	17:36	NEW11110817...	NEW PATI
11/08/2011	17:35	NEW PATIENT	NEW PATI

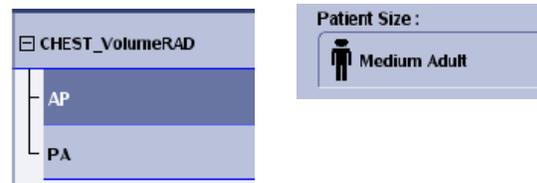
- 2 Start Exam



- 3 Select appropriate protocol from the VOLUME\_RAD category

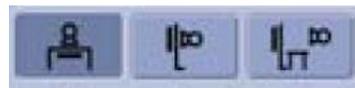


- 4 Choose view and patient size



- 5 Choose Receptor

From left to right:  
Table, Wallstand, Cross table  
For cross table view, table needs to be at the minimum height



- 6 Position the system manually or with autoposition



- 7 Confirm and adjust grid status

- 8 Prepare system for scout view

You need to perform a Scout image acquisition before the VolumeRAD acquisition begins. Scout images are no different from single energy images. The purpose of VolumeRAD Scout acquisition are:  
To confirm that the patient is correctly positioned.  
To calculate the dose for the VolumeRad acquisition



9 Make technique adjustments as necessary

10 Prep/Expose



11 Confirm the Scout

Desired anatomy is imaged  
Exposure is correct  
Image is of acceptable quality

12 If scout is not acceptable click the retake scout button and repeat it



13 System switches to to the VolumeRAD acquisition screen

**Total Time: 11.4 sec**

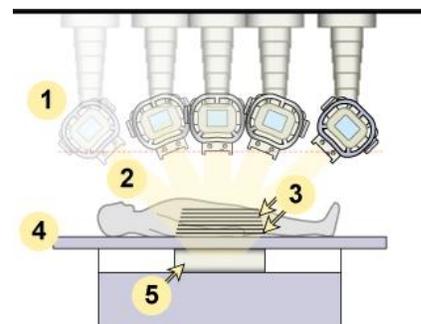
**# of Slices 53**

**Acquisitions 60**

14 Press and hold the aut positioning button until the tube reaches the initial sweep position



15 Instruct patient not to move and, if possible, to hold breath during acquisition then press and hold the exposure switch until the sweep is complete



- 16 The viewer monitor displays the raw images first (projections)

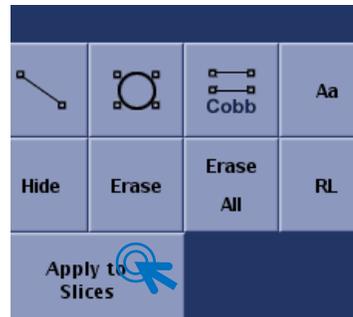


- 17 Select "slices" and insert the numbers of the first and last image defining the stack that you want to export to PACS

Use the following format:  
FirstSliceNumber-LastSliceNumber  
(22-34), use comma if you want to define more than one interval



- 18 Apply required annotations, make sure to click on «apply to slices if you want the annotation to appear on all slices



- 19 Close Exam



## To perform a second reconstruction

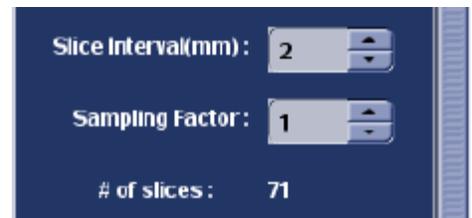
- 1 Click on the image processing tab



- 2 Select new start and end height, in mm



- 3 Change the slice interval and sampling factor, if needed.



- 4 Select the image processing look for the new volume



- 5 Click on « RECON »



- ! The new volume appears in the exam list. Annotate and export to PACS.