

## INSTRUCTIONS

1. Enter preoperative FEV1 and/or DLCO obtained from recent pulmonary function tests. You may enter them as raw values or percent predicted values or both.
2. Decide on the anatomical method, quantitative perfusion method, or both. Consider using the former for lobectomy and the latter for pneumonectomy (see Methodology and References).
3. Anatomical method: Select the lobes to be resected. Notice the changing count in the 'segments to resect' field. You can also edit the counts in the 'segments to resect' and 'total segments' fields directly. The default value for 'total segments' is set to 19.
4. Quantitative perfusion method: Enter a value for the percentage of the total lung perfusion to be resected.
5. Tap the 'calculate' button.
6. Check the results in the gray output field. Notice that if you did not enter a particular value in step 1, the corresponding value in the output field will appear as '--'. If satisfied with the results, tap the 'add to report' button. If not, tap the reset button in the upper right corner to start over.
7. Accept the disclaimer pop-up to get to the report field.
8. The report field is fully editable. You can type in patient information and comments or delete portions of the report.
9. Print the report: Tap the printer icon on the report screen. You will be taken to the 'Printer Options' screen where you can use the iOS built-in functionality to AirPrint.
10. Email and share the report: Proceed as in step 9 to get to the 'Printer Options' screen. Perform a two-finger spread (unpinch) gesture on the preview field. Then tap the share icon on the upper right corner to access the iOS built-in functionality to email, text, or save the report as a PDF file. Beware of the HIPAA implications of electronic transmission of unencrypted patient identifying data and make sure to read the Disclaimer.