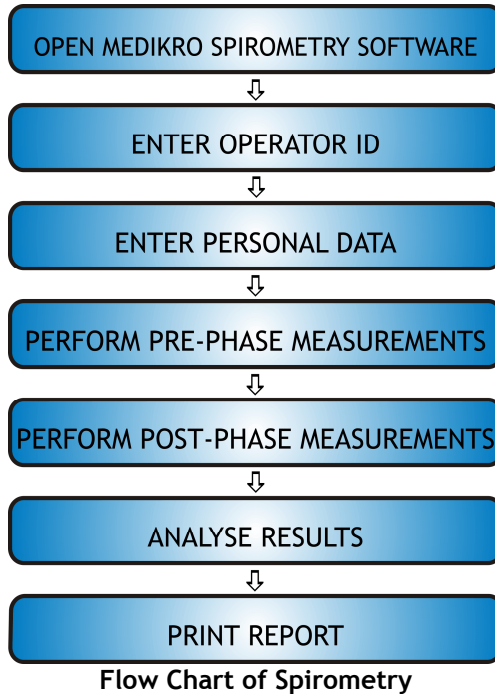


Made by: 6.8.2012 EL
Checked by: 9.8.2012 JJT
Accepted by: 9.8.2012 OP

QUICK INSTRUCTIONS FOR MEDIKRO SPIROMETRY SOFTWARE



Other Guidelines

1. ERS and ATS recommend that spirometers be calibrated with 3000 ml calibration syringe daily. Calibration log file will store all calibration values.
2. Operator should make sure that the reference values correspond with the patient data.
3. Operator should verify daily the operating parameters: temperature, pressure and humidity.
4. Operator should coach the patient before the session on the proper test manoeuvre.
5. Operator should make sure that each patient would use a new and clean SpiroSafe flow transducer.

Beginning

On the Windows Start menu, point to Programs, and then **click Medikro Spirometry Software**.

Enter Operator ID

Enter the operator ID when prompted by the program

Enter Personal Data

Enter the personal data by **clicking Personal Information button**. You may either enter personal information manually or select the personal information from the database provided the personal information has been entered during previous session. Database can be searched by name, date of birth, patient code or personal ID.

Performing Pre-Phase Spirometry Measurements

- **Select Pre-phase** by clicking the appropriate button on the display.
- **Select the appropriate measurement manoeuvre** from the corresponding button. You may select one or several of the following:

TV	tidal volume and breathing frequency
SVC	slow vital capacity
FVC	forced expiratory vital capacity
FIVC	forced inspiratory vital capacity
FVC+FIVC	forced expiratory and inspiratory vital capacity
MVV	maximal voluntary ventilation

The measurement will start as soon as the measurement button is activated. You will have 60 seconds time to complete the manoeuvre.

- **Repeat the measurement** to verify the results. ERS and ATS recommend a minimum of 3 successful measurements (tests)

Performing Post-Phase Spirometry Measurements

- **Select Post-phase** by clicking the appropriate button on the display.
- **Select the appropriate measurement** from the corresponding button.
- **Repeat the measurement** to verify the results.

Analyse the Results

Analyse the results: **Select "Show Results" or "Show Curves"** to see and analyse the results. Add possible comments to the Personal Information.

Print Report

Select the final report: **Select "Show Report"**. And print out the results: **Select "Print"**

Ending the Session

End Medikro Spirometry Software **by clicking the Exit Button**. All information of the previous session is cleared and spirometer is ready to be used again. The software stays in the Log On screen until you either click the Exit Button or (give the new ID) and click OK.