I. Let the patient rest in supine position
   Keep feet and toes warm.

II. Turn on computer and instrument

III. Start the PeriSoft for Windows Examination Manager
    Select patient from worklist, database or create a new patient.
    Click

IV. Choose appropriate Examination Plan
    Enter attending staff or choose from list.
    If necessary, rename channels and/or exclude tests/sites.

V. Attach cuffs and probes for ABI, toe pressure and PVR
    Follow color marking. Place all cuffs and connect to pressure tubing.
    Place laser Doppler probes on fingers.
    Click

VI. Enter Clinical Information
    Clinical information can be edited before, during or after the examination.
    Click

VII. Start measurement, follow instructions
    Note! Green colored buttons indicate recommended action.

    ABI and toe pressure:
    Avoid movement artifacts.
    Perform at least 3 repetitions.
    Adjust pressure markers if necessary.
    Exclude erroneous measurements.

    PVR:
    Adjust measurement area if necessary.

VIII. Print or export report

For detailed instructions, please refer to the manuals.
Cleaning cuffs and probes

Straight segmental cuffs can be cleaned by hand wash, or by using a washing machine with a mild detergent and gentle cycle. The following disinfectants are recommended by the manufacturer: hydrogen peroxide, hydrogen peroxide with silver (Sanosil®), peroxyacetic acid, silver (SteriplexTM), silver with citric acid (PureGreen24TM & SpectraSanTM24), Octyl decyl dimethyl ammonium chloride with dioctyl dimethyl ammonium chloride with didecyl dimethyl ammonium chloride with dimethyl benzyl ammonium chloride (Protex™), 99% isopropyl alcohol, T-Spray®TM, and Steriplex SD.

Clean the laser Doppler probes with mild detergent and water, or wipe with alcohol (<70%). For probes and probe holders that are attached using tape, tape remnants may be removed by repeated applications of clean adhesive tape, for instance Transpore® or Blenderm®. The laser Doppler probes may be disinfected using Rely+On™ Perasafe™ (DuPont™), CIDEX® OPA (Johnson&Johnson), MadaCide-FD (MADA Inc.), or Sekusept Plus (Ecolab). Sterilize with STERRAD® 100S®/100®/50®. Probes must not be subjected to temperatures exceeding 65°C. The optical connectors can be cleaned with a cloth moistened with any of the recommended agents. Do not immerse in liquid. Probe holders may be cleaned with the same agents as the probes.