NOVEL EMED®-M PEDOGRAPHY SYSTEM
A. Setting up of the EMED®-M System

Connecting the EMED®-M system

1. The EMED®-M system components include:
   a. EMED®-M platform (I)
   b. Power supply adapter and cable (II)
   c. USB cable (III)
   d. Foamed walkway jigsaw pieces

2. Set-up the foamed walkway jigsaw pieces such that the EMED®-M platform is in the middle of the completed foamed walkway.

3. Connect the power adaptor (II) to the power source.

4. Switch on the power source and ensure that the power LED is lighted green.
5. Connect the USB cable (III) to the USB port connector of the computer.


B. Launching Database Software and Entering New Subject's Data

7. To launch the software for data collection, click on the ‘Novel database medical’ icon on the desktop. The following screen will appear (The default database will be your last saved work):

8. Create a new or open an existing database (e.g. Veni Kong_Emed).
9. To add a new subject, click the sign next to ‘Patients’.

10. A ‘Patients’ window will open. The only required field is ‘Patient ID’. You may enter your name in the box ‘Patient ID’ and ignore the rest of the fields. Click ‘Done’ when finished.

11. To add a new visit for the selected subject, click the sign next to ‘Visits’. A ‘Visits’ window will pop up. Click ‘Done’.
C. Recording Dynamic Plantar Footprints

12. To collect data, click on this “measure” button next to ‘emed Files’.

13. The following EMED® footprint recording window will launch.

1. Wait for the software audio command. The subject is now ready to walk or run over the pressure platform. The captured footprint will appear.

2. After one trial, wait momentarily again for the software audio command. Carry on collecting all the required footprints.
14. To stop footprint collection, click on this stop button.

15. To re-start footprint collection, click on this walking button.

16. After each trial, the programme will automatically detect the footprint as left or right. **ENSURE THAT THE CORRECT FOOT ORIENTATION IS CAPTURED.** Otherwise, you MUST perform a manual assignment of the correct side (Left or Right), and correct orientation by clicking here.

17. If part of the foot landed outside the capture area, the following warning will appear. Close the pop-up window and re-collect the data for this particular trial.

18. To PLAY the footprint video, click the “P” button. To stop playing, click “S”.