**Pedobarographic gait analysis on male subjects**

This study using a Novell Pedar in-shoe pedobarographic system[1]. The pad is put into the shoe, it covers the bottom part of the foot. Two soft thin pads embed by 99 capacitance sensors which are connected to a computer to process the data. This system has advantage over others by having ability to map the gait pattern from walking. The sensors measure the chaning of the temperature. The foot charactistics have to fit with the sensor pads before a man starts walking for five times while data is being recorded. The output is divided into ten zones. The zones are two in the heel, three in the arch, three in the forefoot and two in the toe area. It analyse two side of foot seperately. The results are presented in the form of graphs and statistical parameters. The concultions are drawn using the energy changes as it is related to the stride time and the pressure pattern during foot contact. Subjects in either foot have a tendency to walk on the medial portion of the foot thereby expending more time and energy in their walking gait.