Conclusion

Diabetic Neuropathy is a serious medical disorder and can be prevented by the early detection of abnormal pressure patterns under the foot. Although equipment to measure foot pressure distribution is available in India and elsewhere, these are still not readily accessible for a large segment of the population, are too expensive to own, and are too bulky to be portable. This paper is to design a low-cost foot pressure, foot movement analysis, blood flow stimulation and heart rate monitoring system to diagnose the foot neuropathy and BP as early as possible.

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