
Title : Care and Equipments for Patients

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With the increase in ailments and accidents, number of patients in the hospitals has increased. These patients need support of lots of equipments during the hospitalization as well as due to disabilities generated. Most of the equipments available today are helping the patients but due to poor ergonomic design, are not comfortable to use. In addition to this some equipments, when used, create new problems. Like ventilators, hospital beds, Dialysis procedures etc. These problems need to be addressed properly and the equipments are to be designed accordingly.

The lecture will focus on the ergonomic issues related to some of the equipments and their problems. The lecture will also touch upon how to take care of some of the issues while designing medical aids.

A case study will be presented related to one of the equipment.