

عنوان مقاله:

Physician assisting Robot With integrated image and speech processing

محل انتشار:

همایش مهندسی برق و توسعه پایدار با محوریت دستاوردهای نوین در مهندسی برق (سال: 1392)

تعداد صفحات اصل مقاله: 7

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خلاصه مقاله:

In this essay the required dosage of drug usage pertaining to patients' weight is calculated with aid of this robot that is specially designed for this purpose for ICU, CCU and Emergency sections, generally in any area that drugs dosage is needed. Every dosage of any drug has its own side effects, despite the main positive effects on healthy cells of body. Therefore not only it covers the harmful effects of drugs but also increases their efficiency by defining the optimum dosage of drugs. Earlier studies in dosage definition of drugs have been considerably limited, so our research team solved this dilemma by designing a robot that focuses on the main factor of dosage definition of drugs which is patient's weight. This robot also takes a photograph of the patients and creates a file for them, saving all information such as the name of the consultant, prescribed drugs and time of usage, transmitting them to central system of the .hospital. This robot named as the best invention of the world 2012

کلمات کلیدی:

physician assisting robot, patient's weight, drug dosage

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