

Human-centred design approach applied to Medical Dynamic DSS

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Abstract: this paper presents a new human-centred design approach which derived from conceptual design research and through a critical field research study. The proposed approach is applied to a Medical Dynamic Decision Support System (DSS) supporting the hospital Intensive Care Unit physicians' decisions in order to predict nosocomial infections occurrence. The design approach in question is then validated.

Keywords: Medical Dynamic Decision support systems; Design; Software Engineering; Human-Computer Interaction, Nosocomial Infections.
