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Introduction

The latest developments in the field of sensors, embedded computers and wireless communication permit to develop smart devices that that deliver useful information to the health professionals regarding physiotherapy training sessions creating conditions for rehabilitation process optimization according with patient evolution. At the same the improvement of communication between the physiotherapists or between physiotherapist and patient could be improved based on objective data coming from instrumented training equipment, communication failure especially between health professionals being identified as the root cause for nearly 66 percent of all medical errors [1]–[2]. Good therapeutic communication may implies an enhanced ability to obtain valid informed consent, positive clinical outcomes, higher levels of patient satisfaction, higher levels of patient compliance with rehabilitation programs, lower levels of patient frustration/anger [3].

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