

**Web-based Database of Questionnaire study with Allied Health
Professionals**

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Abstract

As technology improves over time so does the development of skill and performance of individuals especially in the health sector such as hospitals, clinics and treatment centres. GPs, Allied Health Professionals (AHP) such as physiotherapists, occupational therapists, dieticians and nursing professionals are continuously improving and finding ways to improve their skills, knowledge and performance. Hence, the use of questionnaires to assess the practitioners by patients and this can be referred to as the consultation and relational measure empathy (CARE). This evaluation is carried out between the practitioner and the patient where the patient gives a feedback after a session. The patient is given the opportunity to assess the practitioner by answering questions in the CARE measure questionnaire and then returned to the practitioner. The feedback provided by patients about practitioners gives the practitioners an opportunity to improve their performance and skills.

The objective of this project is to measure the capacity and qualifications of practitioners and nurses in dealing with patients and this is compared with the performance of other practitioners. This measure includes 10 questions, each question has 6 options from the poor to excellent in the following order is Poor, Fair, Good, Very Good, Excellent, and Does not apply. A Practitioner is expected to collect 50 questionnaire from patients , which is entered into the system and then answer some demographic questions such as age, gender, profession then the system will give a feedback and his/her performance is evaluated.

The website was designed using mainly PHP language, HTML and a strict version of HTML (XHTML). For several reasons, PHP is a free, open sources and simple language used by the server side only, also it is inherent language to HTML, to build and design dynamic pages. The SQL database is used to store data and information of users and information that will be submitted by users using forms or applications. The data is submitted and inserted into database and saved in tables.

The website was created to include a login page, the forms for questionnaires, result page which is allow the practitioners to see who many questionnaires have been completed and a profile page to display the user's personal information details that was completed from practitioner demographic questionnaire page.