

Title: Evaluate the rate of appropriateness of admissions to the maternity department of CHUIR of Casablanca

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Objectives: The aim of this survey is to evaluate the rate of appropriateness of admissions to the maternity department of CHUIR and to identify the causes of unfounded admissions. This study should provide an action plan to reduce the number of inappropriate admissions to this service.

Method: To evaluate the rate of appropriateness of admissions, a prospective study was conducted using the French version of Appropriateness Evaluation Protocol (AEP). This research involved a period of four weeks from November 1 to December 1, 2017.

Useful information in the Appropriateness Evaluation Protocol (AEP) was taken from the medical records of each patient.

Results: The study found a total of 335 patients admitted to the emergency during this period. Irrelevant admissions amounted to a total of 30%. Of that percentage, a result of 46% was deemed justified in parallel to a result of 54% considered unjustified by the experts of the study. Out of the irrelevant and unjustified admissions, the vast majority was mainly related to the organization of care 37%.

Conclusion: The department of maternity of CHUIR displays an admission rate of irrelevance similar to those observed in French or foreign studies (5 to 31% according to different studies). This rate could be significantly minimized; moreover, it is difficult to act on admissions related to the patient or his family, or even at the express request of the attending physician. The achievement of a continuous and operating plan represents a financial cost and the benefit in terms of care quality remains unproven.