PHARMACOVIGILANCE 2018: SURVEY ON THE PERCEPTION OF PHARMACOVIGILANCE IN THE HOSPITAL - TOOLS TO ENHANCE THE ADVERSE DRUG REACTIONS REPORTING

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Background

Hospital pharmacovigilance (PV) has always shown an irregular trend. High increases in the use of Adverse Drug Reactions (ADR) reporting are often recorded during the times in which ad hoc surveillance projects are carried-out.

Objectives

The purpose of the survey was to suggest the use of some practical and quick tools that could help the staff of the hospital reporting the ADRs in a continuous and spontaneous way, without interfering in the ordinary management of the patients.

Material and methods

The entire staff of Carlo Poma hospital (Mantova, Italy) was asked to take part in an anonymous survey sent by company e-mail. The survey consisted of 15 questions. The first part of the questionnaire inspected the meaning of ADR, while the second one examined useful tools for the encouragement of the surveillance. The results were analyzed through Microsoft Excel and LimeSurvey.

Results

- Participation rate of 27,3% (730 received surveys over a total of 2672).
- 31,23% of the participants know the correct meaning of ADR.
- 69,32% have never reported an ADR.
- Hospital professionists’ perception of PV:
  - 35%: I don’t know the scope and the purpose
  - 36%: Difficult to evaluate the drug-event relationship
  - 12%: Difficult to organize among the ward staff
  - 17%: Useful, but it does not concern me

Conclusion

The analysis of the results shows that the promotion of PV knowledge is strongly suggested. The periodic presence of the QPPV in the ward could support the staff in the comprehension of the reporting procedures and the identification of the ADRs.

Furthermore, it is recommended to add a checkbox for the ADRs in the software for the patients management to promote the use of such activity in the long term. In addition, the QPPV should have access to medical reports and useful data so that they could provide thorough and high-standard ADR reports.

References