

TECHNOLOGY AT THE SERVICE OF THE PHARMACIST: IDEA OF A SOFTWARE TO SUPPORT THE 'AGENZIA ITALIANA del FARMACO' REGISTERS

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OBJECTIVES

Due to a potential loss of economic resources to recover public health, rise up the aim of this work: to present a software project that should support the pharmacist during the control of the correct management of the "Agenzia Italiana del Farmaco" (AIFA) Registers.

OBJECTIVES

Starting from the AIFA platform, we have taken a census over patients, specialist physicians, drugs with the relevant therapy forms and Managed Entry Agreements (MEAs).

All data, reported into tables, have been linked among them in order that the software should be able to calculate, for each drug, in function of the relevant therapy form and of the pathology, the correct timing between Drug Request (DR) and Drug Administration (DA) and the presence of possible suspended treatments.

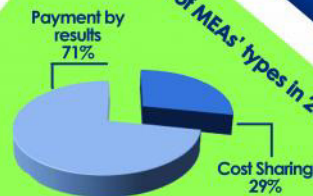
Several ALERTS have been set:

- one for having exceeded the maximum timing for the next administration
- one at the administration of the last box useful for the reimbursement, that is automatically cancelled at the next DR
- one for the "suspended" treatments.

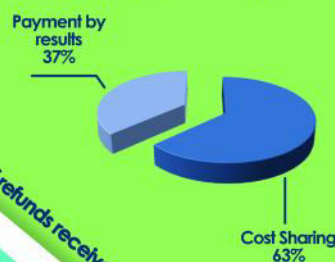
The timing is calculated in function of relative MEA's.

METHODS

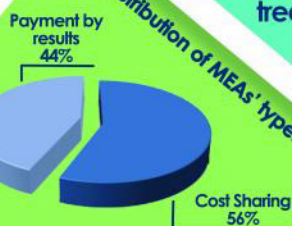
Distribution of MEAs' types in 2016



Distribution of refunds received in 2016



Distribution of MEAs' types in 2015



Distribution of refunds received in 2015

Since July 2015 the experimental phase has begun and, at present, data are inputted manually. At present, 837 treatments have been inserted. Thanks to a prototype of the software, in 2015, we detected 340 suspended treatments, closed by the physicians following the solicitations on the part of the pharmacists. Among them, 82 have the right to the reimbursement, but only 54 (66%) have received it (€200.000). In the first 6 months of 2016, the treatments, already closed following the intervention of the pharmacist, are 174, among them 37 with right to reimbursement; for all them the requests have already been forwarded.

RESULTS

In this initial phase the software has optimized our work, allowing recovering of financial resources. As the project phase will be ended, we will try to connect our software to the AIFA register, in order to import directly the useful data, and we will implement its use in all our pharmacies.

In the third phase of the project, the software will be put at physicians' disposal in order to guide them in the correct timings of filling of the forms.

CONCLUSIONS

ACKNOWLEDGEMENTS

Thanks to all my dear tutors

