

Summary of PK and PD in a practical way

Background

One of the great barriers of medical students who are in training of pharmacology and even the medical graduates is to understand and internalize the basic principles of pharmacokinetics (PK) and pharmacodynamics (PD).

Objective

The aim of this paper is to present an approach of a summary of PK and PD in only one sheet for each concept

Materials

We have reviewed in 10 of pharmacology reference texts, the basic principles of PK and PD, which has been supplemented with the teacher's teaching experience in pharmacology. The result was an integration of all key concepts for PK and PD, in only one sheet, respectively (figure 1 and 2)

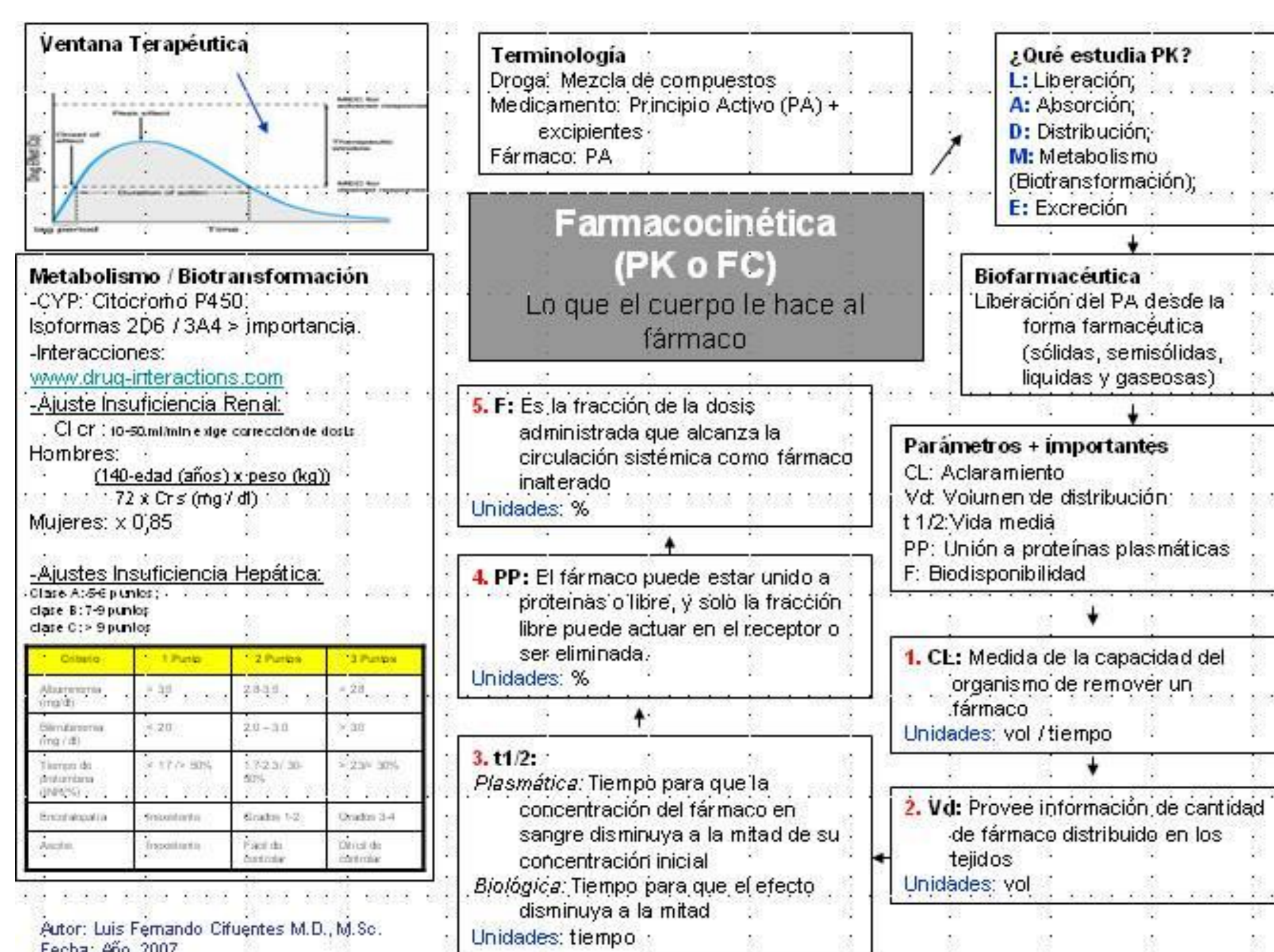


Figure 1. PK Summary

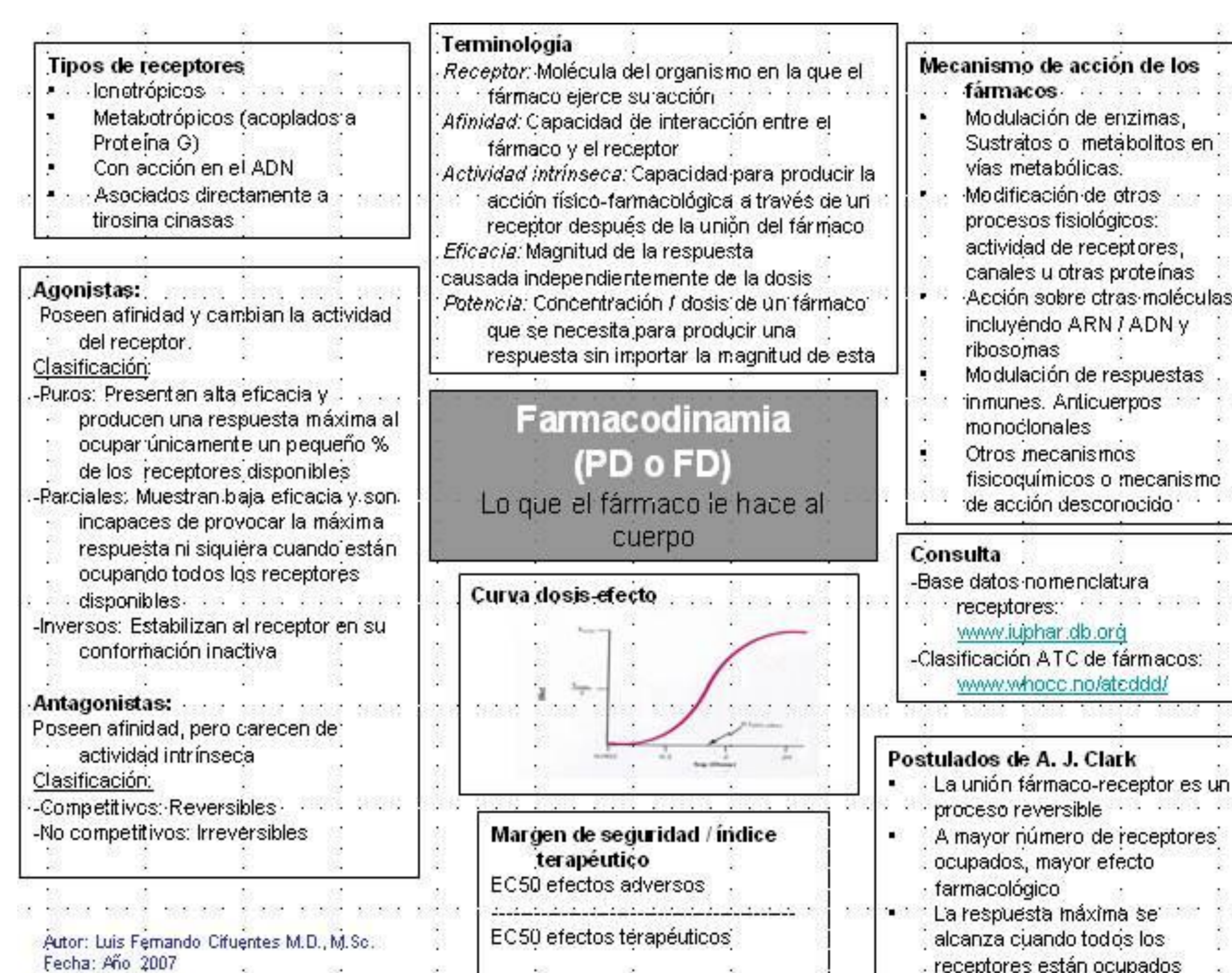


Figure 2. PD Summary

Results

Each of the two sheets previously have been delivered to undergraduate medical students in teaching modules of PK and PD. Their conclusions after students have seen these sheets before a class of PK and PD, were how easy the approach was, and after the module they mentioned that facilitates the recall the concepts, interaction with reference texts and as continuous reference material

Conclusions

This tool has the advantage of being able to access through the Internet via public domain to help medical students and health professionals on the need to have continued incorporation on PK and PD in the study and prescription of drugs.

Currently the material is in English translation.

Acknowledgments

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References

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