

## Software solution for the management of multidisciplinary committees in HP-Doctor®

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Software solution developed in and from HP-Doctor® intended, among other potential applications, to the effective, simple and secure management of multidisciplinary committees. It represents a major advance over the system used so far as it means a real improvement in the clinical usefulness, enabling assessment in advance of cases in the context of the clinical history, allowing the exchange of information on the network without violating the Spanish Organic Law on the Protection of Personal Data (LOPD) and involving all members of the different specialties in a simple way.

The application has a form with common and required fields (inherent to the management tool) and other specific fields added by each committee as well as the executable file that allows the management of the committee based on those fields, according to the idea of the authors. All information entered remains within HP-Doctor®, not requiring any specific support for broadcast (thus complying with LOPD).

The tool:

- Allows you to obtain the list of cases submitted by each specialist for each committee (call). This allows clinicians to know in advance the cases to be discussed at each reporting date, optimizing the operation of the committee and patient care.
- Allows you to obtain the list of cases studied (minutes). This facilitates the preparation of minutes in compliance with the Regulations of HULP's Commission on Tumors and promotes the exchange of information among the involved specialists in a secure support (HP-Doctor®).
- Creates a report -in HP-Doctor®, Estación Clínica® and Horus®- of each patient including the Committee's decision.
- Creates an automatically generated database in Excel format with registration for self-management.

The main advantages of this tool are:

- It is integrated into the corporate workstation (HP-Doctor®), the one provided by the Hospital's Computing Service
- It avoids the need to send the call and/or the minute by email, so data security is preserved
- It avoids generating documents out of the workstation (or outside HP-Doctor®) meaning again a guarantee for data security.
- It avoids storage in unsecured databases as the requested base is generated in real-time

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- It does not require any extraordinary hardware or software requirements, it is only necessary to have access to HP-Doctor®
- You can modify and add fields on an ongoing basis
- It allows the automatic inclusion of field data from HP-Doctor®
- It avoids the need to have a person in charge of collecting and sending the information, thus ensuring the independence of the committee and encouraging shared responsibility
- It allows you to consult at any time the information sent by the other members of the committee so that specialists can prepare cases from the outset
- The information always comes to specialists within the framework of HP-Doctor® and Estación Clínica®
- Each patient's report together with the Committee's decision are easily generated and directly converted to PDF format and to Estación Clínica® (no need to incorporate it)
- The document that it generates automatically for the minute is complete, you only need to add attendees to have an official minute
- The data in the form can be easily exploited and exported directly to Excel from HP-Doctor®, with dimensioning of fields (equal to, it contains, greater than, less than, etc.) and also by keywords in fields with less than 500 characters
- It is completely independent of the paper-based medical records

The tool first implementation took place in October 2012 for the management of the Committee on Gynecological Tumors. To date, January 2016, the tool has been adapted for use in the following committees:

- Committee on biliopancreatic disease
- Committee on hepatocarcinoma
- Committee on perinatology
- Committee on sarcomas and bone tumors
- Committee on the pelvic floor
- Committee on colorectal tumors
- Committee on endocrine tumors
- Committee on esophageal-gastric tumors
- Committee on gynecological tumors
- Committee on hepatobiliary tumors
- Committee on tumors of the pituitary gland and sellar region
- Committee on breast tumors
- Committee on inflammatory bowel disease

To date, the application has been used for the evaluation of more than 3000 patients of these disciplines.

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