



W20sLink

Interoperability

compatible with  CDA Spirometry



Sibel^{HL7}link



The W20sLink module is software connectable to the W20s spirometry software, that allows the interoperability of any DATOSPIR spirometer with Hospital Information Systems (HIS).

W20sLink - interoperability module

Advantages

- Integration of spirometry tests into the Electronic Health Record (EHR).
- Automating the process of conducting spirometries (test request, carrying it out and sending results).
- Import of patient data from the HIS, saving time and errors in manual data entry.
- Availability of all test data and curves (up to 8 cycles) in standard formats.
- Possibility of carrying out Quality Control when undertaking spirometries.
- Possibility of carrying out statistical/epidemiological analysis with the data of all spirometers connected to the system.

Applications

Sibel^{HL7}*link* Spirometry CDA

The W20sLink includes the bridge application developed by SIBEL, S.A. (*Sibel*^{HL7}*link*) with the following functions:

- Automatic import of spirometry requests in HL7/DICOM format that the HIS sends.
- Inclusion of the Worklist with patient data in the W20s.
- Generation of test result in CDA-R2 spirometry format and DICOM format.
- Sending of the result files to HIS.

External bridge application

Alternatively, the W20sLink module can work using an external bridge application that has the following features:

- Importing of spirometry requests that it sends to the HIS.
- Inclusion of the Worklist with patient data in the W20s database.
- Reading of test results that are generated by the W20s.
- Sending of the result files to the HIS.

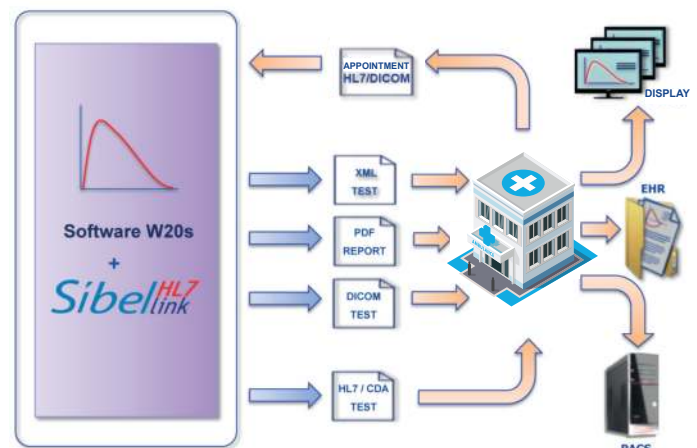
Functions

This WS20SLink module requires a bridge application that manages the information exchange between the W20s and the HIS.

The module can be configured to work on 2 different situations, providing great versatility to integrate into any HIS:

- Using the bridge application (*Sibel*^{HL7}*link*) included in the module.
- Using an external bridge application that the center has already developed.

The result files can be displayed in 6 languages (Spanish, English, French, Catalan, Italian and Portuguese), depending on the working language in the W20s.



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