

DEVELOPMENT OF AN INFORMATIC SYSTEM FOR THE FOLLOW-UP OF PATIENT-REPORTED OUTCOMES FOR PEOPLE LIVING WITH HIV

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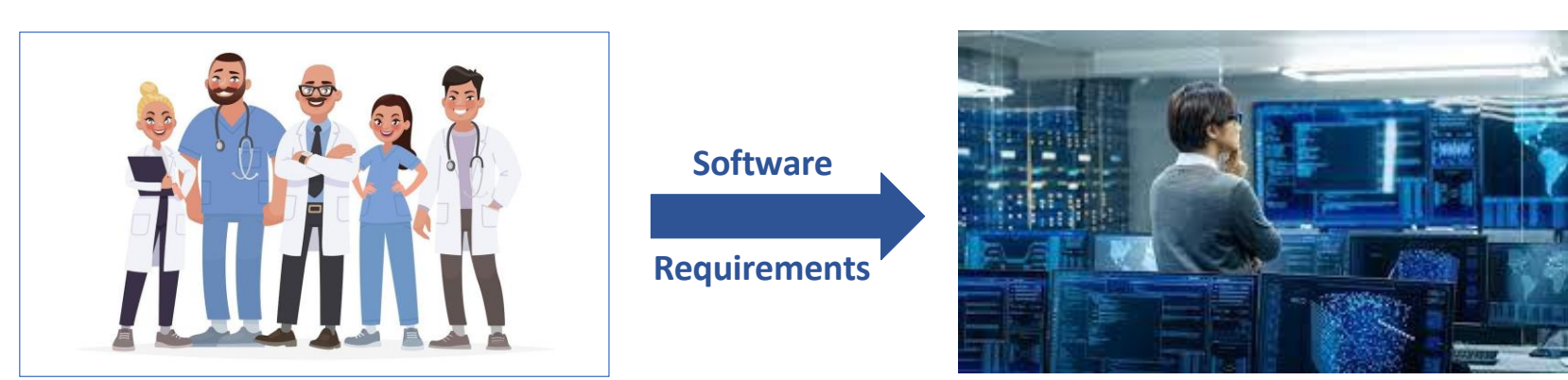
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BACKGROUND AND OBJECTIVE



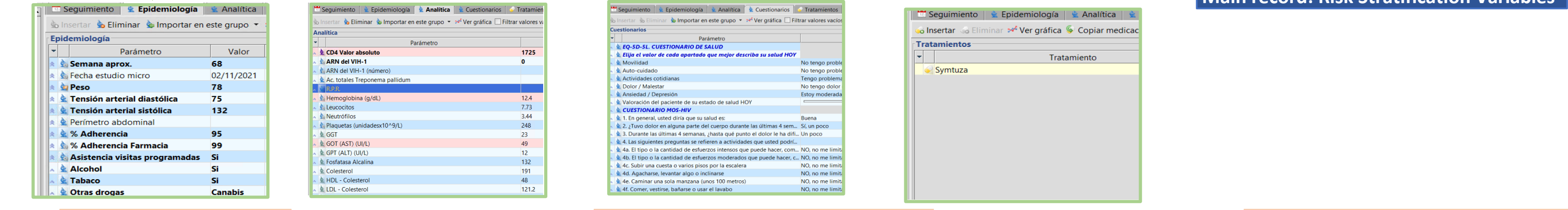
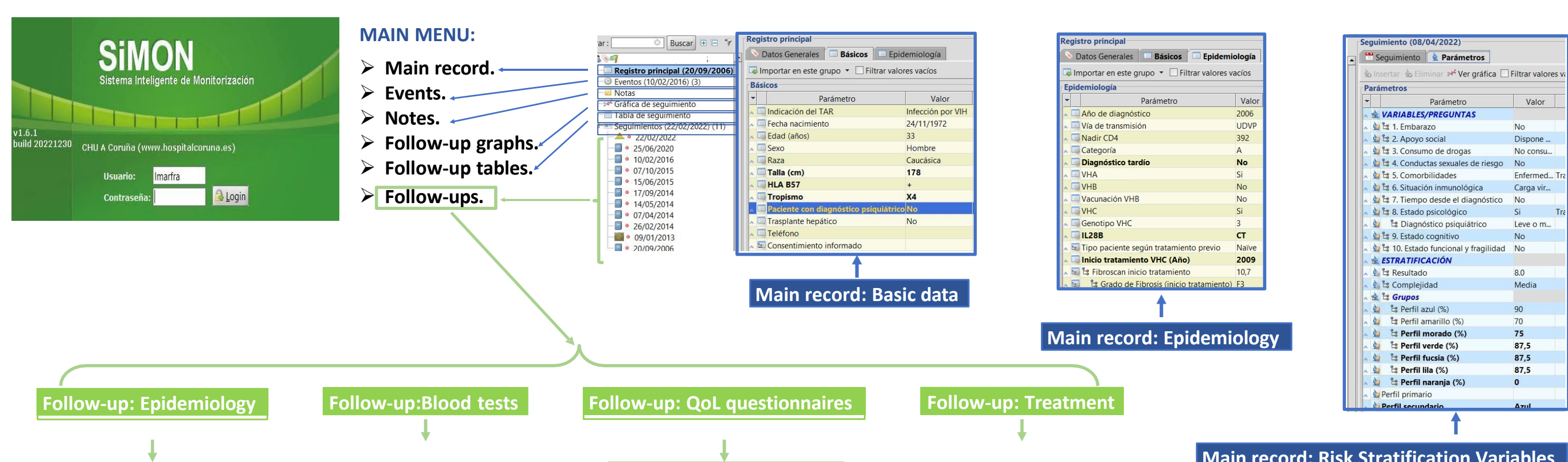
SIMON-PRO:
 Intelligent Monitoring Software based on EMR data digitization & PROMs telepharmacy data records for people living with HIV (PLWH).

DESIGN



- Automatic incorporation PLWH data from EMR: basal, epidemiological, biochemical, microbiological, HIV resistances...).
- Events generations related to clinical efficacy and safety.
- Antiretroviral treatment (ART) alerts.
- ART adherence calculation.
- Pharmacist consultations documentation
- Data analytics by business intelligence.
- To record, at every pharmacist consultation, the latest EMR digitized data and the PROs data completed by PLWH on a mobile device and transferred to the software through a cybersecure Wi-Fi connection.

RESULTS



EQ-5D-5L: quality of life.
 MOS-HIV: quality of live.
 PIN: injections acceptance.
 ACCEPT: treatment acceptance.
 SMAQ: treatment adherence.

CONCLUSIONS

- SiMON-PRO is an innovative solution for clinical monitoring and investigation of PLWH, increasing the quality, efficiency and safety of healthcare.
- It also makes it possible to have a large amount of digitized data for health research.

