Genellee

A pedigree software and consultation assistant





Jean-Marie RAVEL

Laboratoire de génétique médicale, service de génétique clinique, CHRU Nancy ; Université de Lorraine, Inserm, NGERE, Nancy

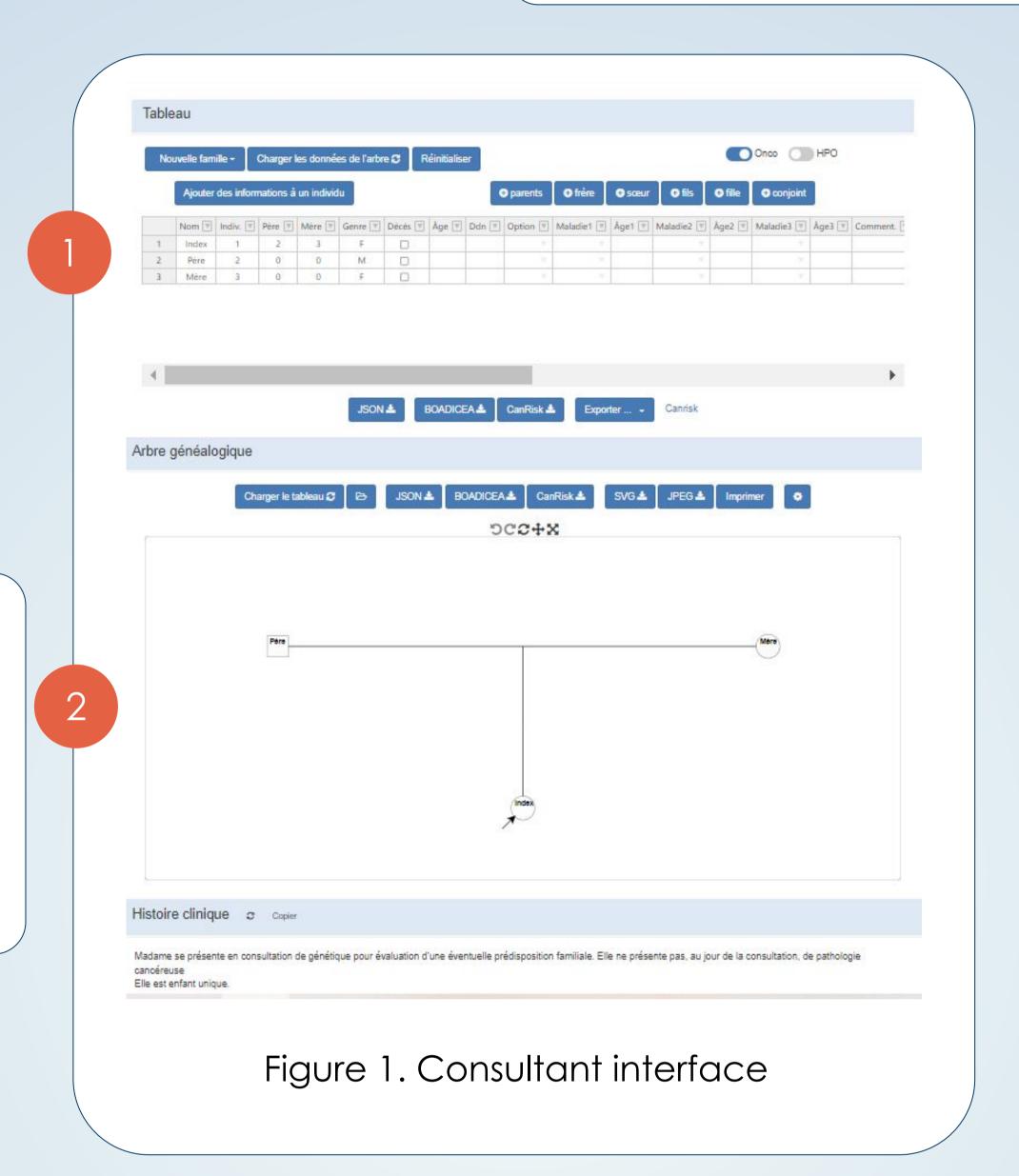
An innovative solution to build simultaneously a family pedigree, downloadable in BOADICEA and CanRisk files, and the clinical history of a family.

- Free and open source software
- Simple interface, compatible with any computer with a recent browser

Two connected inputs: using the table using the pedigree

Two specific modes:

- oncogenetic with parameterization of the fields allowing the export of the CanRisk file
- HPO/OrphaNet



Exportable to Boadicea and CanRisk files





Text generated from the pedigree in one click, directly usable in a report

- Module for fast generation of complex families
- Various export formats including :

Downloadable family

pedigree (jpeg)

- JSON: high compatibility with other software
- SVG: high quality and fully editable trees (for publication)

A dedicated patient interface

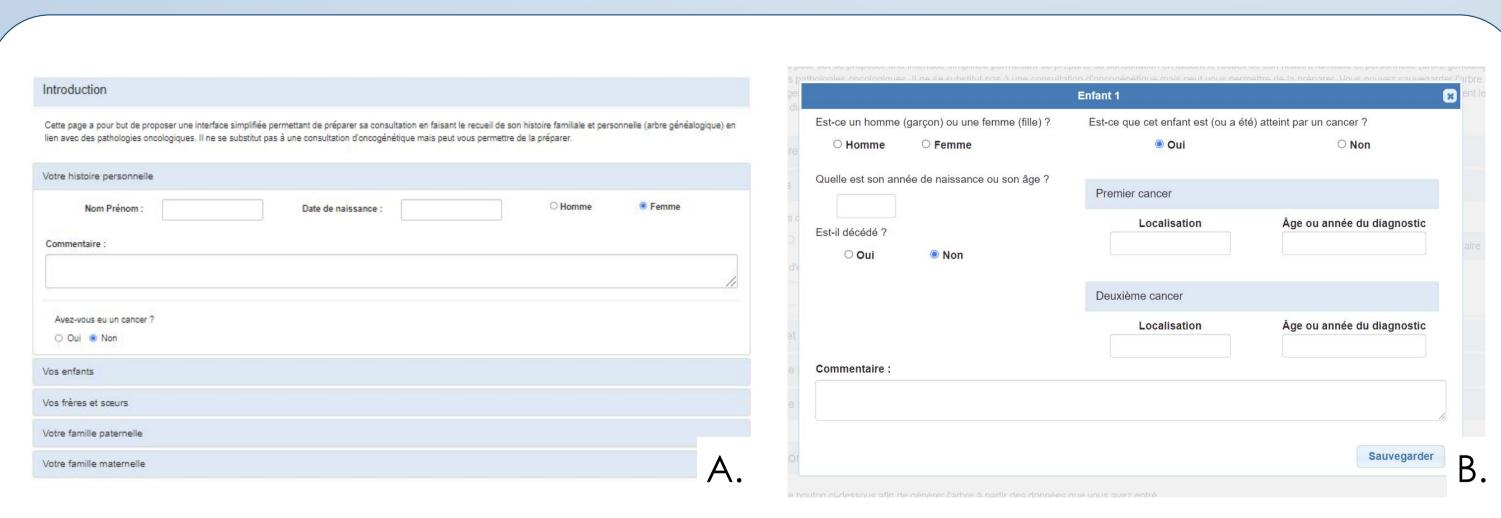


Figure 2. patient interface. A. General view of the interface.

B. Once the number of relatives has been entered, a dialogue box allows a simple but complete description of them.

- Allows the patient to create the family tree step by step before the consultation
- Interactive and intuitive dialogue boxes

Several minutes saved before, during and after the consultation!



