CanReg5 Webinar 4: Data Entry

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Outline

Entering a case

Using browse/filter to find cases

Import

Live Demo

Summary
Outline

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Summary
Create new record
Create new record

- Notice the split between patient, tumour and source.
- The data entry form is highly customizable.
- Four different variable types:
  - Numbers
  - Text
  - Coded values (dictionaries)
  - Dates
Entering the patient information

- First we enter the patient information.
- Interactive code validation.
Patient deduplication

- Probabilistic matching.
- User configurable.
  - What variables should be involved.
  - What are their weights.
- CanReg5 can only assist in this matter. Up to the user to decide if two patient records matches.
Entering the tumour and source information

- Enter tumour and source information.

![Tumour record screen capture]

- Patient information:
  - Age
  - Address

- Tumour information:
  - Incidence date
  - Topography
  - Morphology
  - Behaviour
  - Basis diagnosis
  - ICD-10
  - ICCC code
Run checks

- Run cross validation by clicking “Run Checks” on the tumour part of the form.
- The first thing this does is to see if all mandatory variables are present.
- If so, the cross validations are performed
  - site and sex, site and morphology, etc.
Results from the cross validation

The results are graded:

- “OK” means no error found
- “Invalid” means that some error were found and the case cannot be confirmed.
  - Example: woman with prostate cancers
- “Rare” means that something suspicios was found and the case can only be confirmed by a supervisor.
  - Example: some combinations of morphology and topography
- After everything is OK the case can be confirmed and it will then show up in analysis.
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The browser

▶ A look into the “heart” of the CanReg5 program.
▶ Choose what table (tumour, patient, source) or combination of tables you want to look at.
Filter the cases

- Filter by any variable collected.
- The filter wizard can help you build a filter.
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Import from another CanReg5 system

- “File”->”Data Entry”->”Import Data”
  - Click “No” to the question “Do you have all your data in one file?”
- Choose the files containing the data we exported from another CanReg5 system.
  - Preview it to see that it looks OK.
- Associate variables.
  - CanReg tries to “guess” where to store each variable, but verify to be sure.
- Go to “Import File”
  - Click Import - and wait.
After data import

- Verify number of *tumours* in the database to make sure all cases have been imported.
- Browse the data to see if you see anything suspicious.
  - If you do, confirm the existence also in the other CanReg5 system.
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- Enter cases to a CanReg5 database
  - Interactive code validation
  - Patient deduplication
  - Cross validation
  - Tumour deduplication
- Browser
- Import data from another CanReg5 system
- How to enter population datasets and edit dictionaries in upcoming webinars.
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  - How to enter population datasets and edit dictionaries in upcoming webinars.
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Future webinars

▶ Next webinars:
  ▶ 23rd of October, at 14h00.
    ▶ Theme: Data analysis
  ▶ 4th of December, at 14h00.
    ▶ Theme: Customization, etc
    ▶ Please send suggestions to ervikm@iarc.fr to propose additional topics.
▶ Slides and videos will be put online at the GICR website; http://gicr.iarc.fr
For Further Information I

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*CanReg5 - the handbook*

2009-2012

Available online at the IACR web page under software

CanReg5 web page
http://www.iacr.com.fr/canreg5.htm

@canreg twitter feed
http://twitter.com/canreg