DICOM Anonymization - How to use

This feature is included in Orthanc-Tools and needs Orthanc install as explained here.

To Anonymize patients:
- Search for your patients stored in Orthanc using the search bar
- Add the patient(s) or the study(ies) to the anonymization list
- Define the New Name and New ID for anonymization (or let empty and the software will generate numbers for you)
- Press « Anonymize » to start the anonymisation (all DICOMs are re-written, the process can be long)

Once finished the Export tab will open to let you choose the protocol to export the anonymized data.
DICOM Anonymization tool - Setup

200 DICOM tags are anonymized according to the NEMA referential (PS 3.15-2017c Table 1-1)
The following tags have settings options in the setup tab: they can be kept (original value) or cleared (removed):
- **Body characteristics**: Patients Age, Sex, Size, weight... (as suggested by column « Patient chars Option » in NEMA)
- **Full dates**: Acquisition, serie time and date ... (see column « full date option » in NEMA)
- **Birth date**: if « clear » birth date will be replaced by 1/1/1900
- **Private tags**
- **Secondary captures / Structured reports**: if « clear », SC/SR DICOMs will be automatically removed from the anonymized dataset
- **Study and Series descriptions**

You can use predefined profiles:
- « Default » is recommended for PET and NM studies
- « full clearing » follows all NEMA instructions but should be reserved to CT/MRI
- Or make your own custom profile

**Export protocols:**
Multiple export services are implemented to export the anonymized DICOMs
- Local ZIP to your file system (hard disk, USB key...)
- DICOM protocol
- FTP / SFTP (server address to set in the setup tab)
- WebDAV (server address to set in the setup tab)
- Orthanc Peer

An anonymization report can be generated in CSV to store the anonymization procedure (Original and anonymized name/ID)