

Import Guide – Cardiac Rhythm Management (CRM) – PMICD Follow up v1.4

Basic Instructions

Please export your PMICD Follow up data in Comma Separated Value format (CSV). The default file for import into the CRM database is 'followup.csv', but this can be renamed to anything you require.

CSV Required Format

The file is a CSV (comma separated variable) file. All values (even empty ones) must be enclosed in quotes (""), and values must be separated with a comma. Multi-value fields values must be separated using a semi-colon.

Each line (record) of the file must be properly terminated with a CRLF (carriage return and line feed, ASCII characters 13 and 10 in decimal, 0D and 0A in hex).

Each line (record) is made up of 38 variables (fields) in the prescribed order.

Format Example: "value 1","value 2a; values 2b; value 2c","value3","",....."value 72","value 73"

Note:

2a; 2b; 2c represent multi-value values.

Dataset

Full details about the legal values for the fields can be found in the dataset, <http://www.ucl.ac.uk/nicor/audits/cardiacrhythm/datasets>

Import Order

The first number is the position of the variable followed by a comma then a tab, the next number is the dataset number, then a hyphen, followed by the field description, followed by a full stop then the datatype.

Details about the legal values for the fields can be found in the dataset, <http://www.ucl.ac.uk/nicor/audits/cardiacrhythm/datasets>

- | | |
|-----|---|
| 1, | 1.01 - Hospital - Hospital. Text (single value) |
| 2, | 1.02 - HospitalNumber - HospitalNumber. Free Text |
| 3, | 1.03 - FUDate - Follow Up Date. Date (dd/mm/yyyy) |
| 4, | 1.04 - BRate - Basic pacing rate (bpm). Numeric (integer) |
| 5, | 1.05 - FRate - Magnet rate. Numeric (integer) |
| 6, | 1.06 - FUMode - Current programmed mode. Text (single value) |
| 7, | 1.07 - Rhythm - Underlying rhythm. Text (multivalued semicolon separated) |
| 8, | 1.08 - TRVfu - Test RV lead threshold. Numeric (real) |
| 9, | 1.09 - TTRVfu - Test ventricular lead pulse duration. Numeric (real) |
| 10, | 1.10 - TRAFu - Test atrial lead threshold. Numeric (real) |
| 11, | 1.11 - TTRAFu - Test atrial lead pulse duration. Numeric (real) |
| 12, | 1.12 - TLVfu - Test LV lead Threshold. Numeric (real) |
| 13, | 1.13 - TTLVfu - Test LV lead pulse duration. Numeric (real) |
| 14, | 1.13b - TDFT - Test Defibrillation Threshold. Numeric (real) |
| 15, | 1.14 - SRVfu - RV sensing amplitude. Numeric (real) |
| 16, | 1.15 - SRAFu - RA sensing amplitude. Numeric (real) |
| 17, | 1.16 - SLVfu - LV sensing amplitude. Numeric (real) |
| 18, | 1.17 - IRVfu - Ventricular lead impedance. Numeric (integer) |

- 19, 1.18 - IRAfu - Atrial lead impedance. Numeric (integer)
- 20, 1.19 - ILVfu - LV impedance. Numeric (integer)
- 21, 1.20 - SILVfu - Shock electrode impedance. Numeric (integer)
- 22, 1.21 - Vfu - Battery voltage. Numeric (real)
- 23, 1.22 - Ifu - Battery Current. Numeric (real)
- 24, 1.23 - Zfu - Battery impedance. Numeric (integer)
- 25, 1.24 - CTfu - ICD charge time. Numeric (integer)
- 26, 1.25 - AVD - AV delay. Numeric (integer)
- 27, 1.26 - VOutputfu - Set RV output voltage. FreeText
- 28, 1.27 - VOutputPDFu - Set RV pulse duration. FreeText
- 29, 1.28 - AOutputfu - Set atrial output voltage. FreeText
- 30, 1.29 - AOutputPDFu - Set atrial pulse duration. FreeText
- 31, 1.30 - LVOutputfu - Set LV output voltage. FreeText
- 32, 1.31 - LVOutputPDFu - Set LV pulse duration. FreeText
- 33, 1.32 - CommentFU - Comment. Text (single value)
- 34, 1.33 - FunctionFU - Function. FreeText
- 35, 1.34 - ComplicationFU - Complication. Text (multivalue semicolon separated)
- 36, 1.35 - TechFU - Technician. FreeText
- 37, 1.36 - DateNextFU - Date next appointment. Date (dd/mm/yyyy)
- 38, 1.37 - TimeNextFU - Time next appointment. Time (hh:mm)

Format of an export file:

"value 1","value 2a; values 2b; value 2c","value3","",....."value 37","value 38"
"value 1","value 2a; values 2b; value 2c","value3","",....."value 37","value 38"
"value 1","value 2a; values 2b; value 2c","value3","",....."value 37","value 38"

Note:

Empty quotes ("") to highlight how to handle empty values..... signifies the continuation of the values.