Description of “20190121 DECFIT analysed test data\_JG.rar”:

Folder “Kontrollgruppe\_60” contains CTG recordings of 811 patients with pH > 7.25

Folder “Fallgruppe\_60” contains CTG recordings of 95 patients with pH < 7,1.

Files with suffix “.ctg” contain the raw data files without analysis data.

Files with suffix “.ctg.figo.csv” contain the FIGO analysed CTG data.

For folders containing more than 1 raw data file the lowest number order is closer to delivery.

JG analysed CTG data file format:

|  |  |  |  |
| --- | --- | --- | --- |
| **Index** | **Column** | **Column Name** | **Description** |
| 1 | A | indexOut | Datapoint index |
| 2 | B | fhr-out | Fetal heart rate (FHR) value measured by fetal monitor.  0=no value |
| 3 | C | toco-out | TOCO (uterine activity) value measured by fetal monitor |
| 4 | D | tocopeak | Indicates an detected peak in the toco signal (-1=initialization,0=no peak,1=peak) |
| 5 | E | eval | Overall JG evaluation (-1=initialization, 1=level 1 “Normal pattern”, 2=level 2, 3=level 3, .. 5=level 5 “Severe variant pattern”) |
| 6 | F | eval\_detail | Encoded JG evaluation (ignore) |
| 7 | G | sig\_qual | Signal quality indicator -1=INIT, 0 .. 1, 1=Excellent |
| 8 | H | corrected | Outlier and missing adjusted fetal heart rate (FHR) value |
| 9 | I | baseline | Calculated baseline value of FHR(indexOut) |
| 10 | J | base\_max | Internal baseline classification value (should be ignore) |
| 11 | K | floatline | Smoothed FHR signal value of FHR(indexOut) |
| 12 | L | accDec | 1 = acceleration, other values should be ignored |
| 13 | M | dec\_class | Deceleration classification; Optional, Encoding:  // DEC\_INIT = -1,  // DEC\_NONE = 0,  // DEC\_EARLY = 1, ///< early deceleration  // DEC\_VARIABLE\_MILD = 2, ///< variable mild deceleration  // DEC\_VARIABLE\_SEV = 3, ///< variable severe deceleration  // DEC\_LATE\_MILD = 4, ///< late mild deceleration  // DEC\_LATE\_SEV = 5, ///< late severe deceleration  // DEC\_PROLONGED\_MILD = 6, ///< prolonged mild deceleration  // DEC\_PROLONGED\_SEV = 7, ///< prolonged severe deceleration  // DEC\_MATERNAL = 8 ///< deceleration is classified as "maternal pulse" |
| 14 | N | decSum | Internal value (should be ignore) |
| 15 | O | accSum | Internal value (should be ignore) |
| 16 | P | osci\_print | Long Term Variability (LTV) |
| 17 | Q | validFHR | Internal value (should be ignore) |
| 18 | R | rawDeviation | Internal value (should be ignore) |
| 19 | S | minDeviation | Internal value (should be ignore) |
| 20 | T | quantilDev | Internal value (should be ignore) |
| 21 | U | sinus | Sinusoidale indicator (-1=init,1=sinusoidal) |
| 22 | V | osci\_class | Internal value (should be ignore) |
| 23 | W | stv | Short Term Variability (STV) value |
| 24 | X | delay | Output delay (should be ignored) |
| 25 | Y | eval\_stv | STV evaluation (optional, should be ignored) |
| 26 | Z | eval\_signalquality | ignore |
| 27 | AA | eval\_dec | ignore |
| 28 | AB | eval\_acc | ignore |
| 29 | AC | eval\_var | ignore |
| 30 | AD | eval\_baseline | ignore |

Sampling frequency: 4 samples per second.