

## intoft25\_2023\_intoft25\_p4\_01 / Prototype6\_Data\_Meetkast\_naar\_CU / Code / Arduino / Arduino.ino @ 312

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```
1 const byte DIFFERENTPATIENTAMOUNT = 2;

2 const byte DIFFERENTMACHINEAMOUNT = 7;

3 long patientData[DIFFERENTPATIENTAMOUNT][DIFFERENTMACHINEAMOUNT];

4

5 void setup() {

6   Serial.begin(115200);

7   canSetup();

8   SoftSerialSetup();

9 }

10

11 void loop()

12 {

13   for (int patientId = 0; patientId < DIFFERENTPATIENTAMOUNT; ++patientId) {

14     patientData[patientId][0] = ReadAndPrintDacSignal(patientId);

15   }

16

17   readAndSendSoftSerial(patientData);

18   canSend();

19

20 //   for (int patientId = 0; patientId < DIFFERENTPATIENTAMOUNT; ++patientId) {

21 //     for (int machineId = 0; machineId < DIFFERENTMACHINEAMOUNT; ++machineId) {

22 //       Serial.print(patientData[patientId][machineId]);

23 //       Serial.print(" ");

24 //     }

25 //   }

26 //   Serial.println();

27 }
```