Application Note

new diagnostic design

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How to export data to Excel

This application note explains how to export and transform test results to Excel.

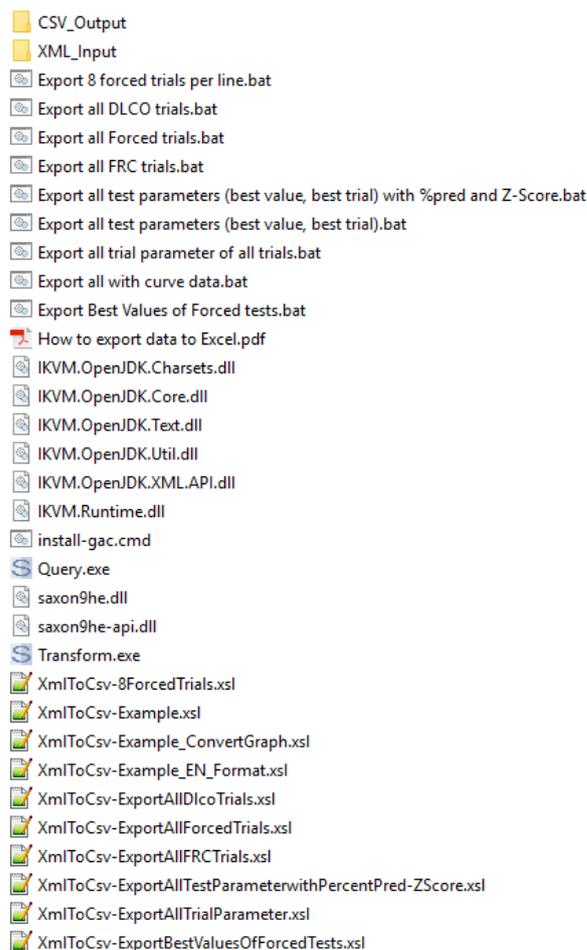## 1   Prerequisites

Download the portable tool from:

https://nddmedtech.sharepoint.com/:u:/s/filetransfer/EcVAeLL2meVEr9Doilk
cwToBgnjtdTkuTFLcVFeSMcFQjw

Extract the file and store it on e.g. your desktop.

The files in the folder that you just extracted
should look similar to this screen shot: ⟶

- CSV_Output
- XML_Input
- Export 8 forced trials per line.bat
- Export all DLCO trials.bat
- Export all Forced trials.bat
- Export all FRC trials.bat
- Export all test parameters (best value, best trial) with %pred and Z-Score.bat
- Export all test parameters (best value, best trial).bat
- Export all trial parameter of all trials.bat
- Export all with curve data.bat
- Export Best Values of Forced tests.bat
- How to export data to Excel.pdf
- IKVM.OpenJDK.Charsets.dll
- IKVM.OpenJDK.Core.dll
- IKVM.OpenJDK.Text.dll
- IKVM.OpenJDK.Util.dll
- IKVM.OpenJDK.XML.API.dll
- IKVM.Runtime.dll
- install-gac.cmd
- Query.exe
- saxon9he.dll
- saxon9he-api.dll
- Transform.exe
- XmlToCsv-8ForcedTrials.xsl
- XmlToCsv-Example.xsl
- XmlToCsv-Example_ConvertGraph.xsl
- XmlToCsv-Example_EN_Format.xsl
- XmlToCsv-ExportAllDlcoTrials.xsl
- XmlToCsv-ExportAllForcedTrials.xsl
- XmlToCsv-ExportAllFRCTrials.xsl
- XmlToCsv-ExportAllTestParameterwithPercentPred-ZScore.xsl
- XmlToCsv-ExportAllTrialParameter.xsl
- XmlToCsv-ExportBestValuesOfForcedTests.xsl

2 Settings

You may want to disable a specific setting before you start the XML export of your database. We recommend disabling it for users with large databases – more than 1,000 patients. Enabling the setting can lead to an enormously large export that may take hours to finish.

Go to Utilities › Configuration › tab Report and remove the checkmark from Include curve data
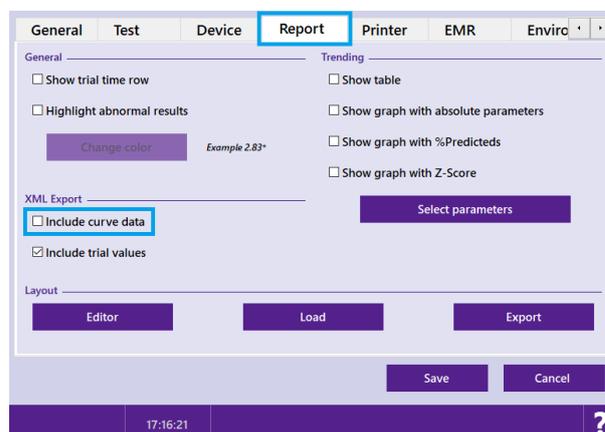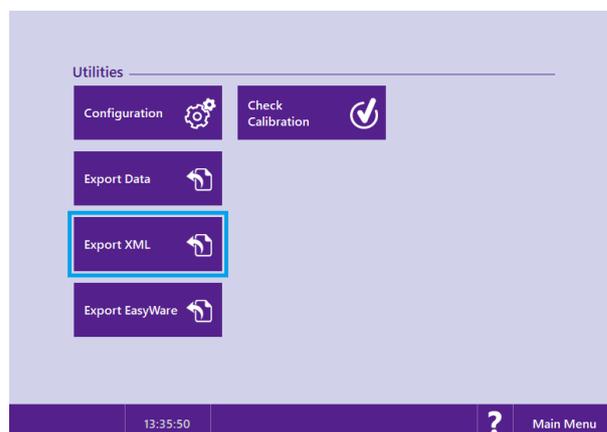
3 Export Procedure for EasyOne Connect

Start EasyOne Connect

Go to Utilities › Export XML

Go to the previously extracted folder › select the folder *XML_Input* and enter a name for the XML file that will be extracted from EasyOne Connect.

e.g. path:
C:\Users\psmith\Desktop\EasyWarePro - How to export data to Excel\XML_Input

e.g. file name: *ndd_test2*

We recommend always including a date in the file name so you can track the files simply by the date:

e.g. *20180308_AppNote_ExportXML*

Press Save and wait until the export is finished.
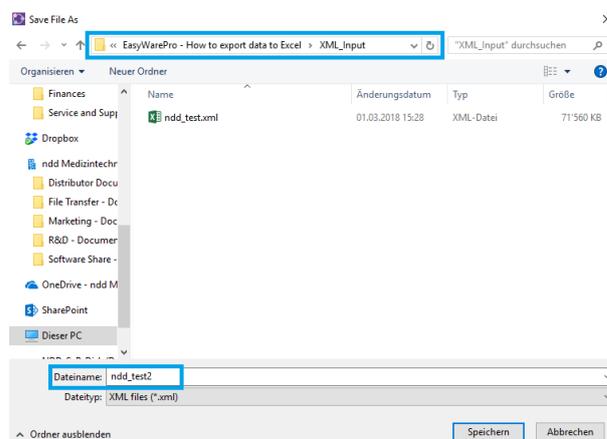
4   Export Procedure for EasyOne Pro / LAB

Start EasyOne Pro / LAB

Connect a removable flash drive to the EasyOne Pro / LAB

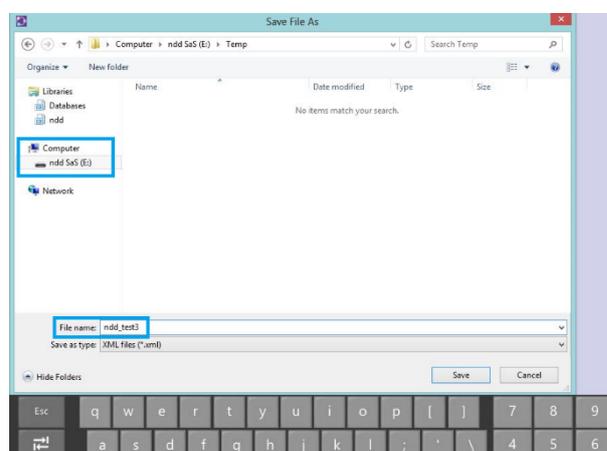Go to Utilities › Advanced › pw 8005 ›

Export XML
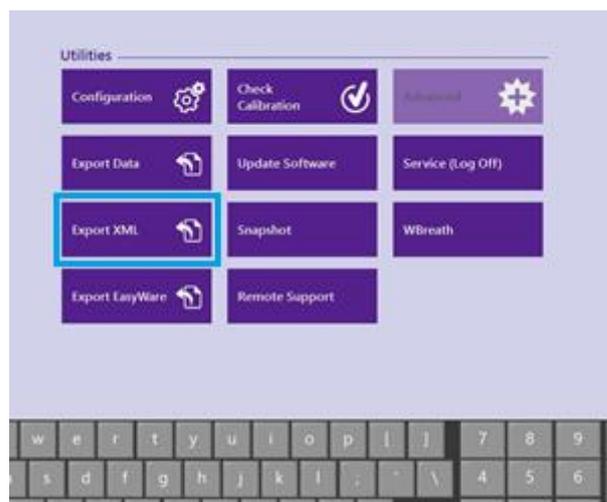
Go to the previously connected removable flash drive:

e.g. file name: *ndd_test2*

We recommend always including a date in the file name so you can track the files simply by the date:

e.g. *20180308_AppNote_ExportXML*

Press Save and wait until the export is finished.

Disconnect the removable flash drive and connect it to your computer.


Cut and paste: Cut the XML file from your removable flash drive, go to the folder *EasyWarePro - How to export data to Excel*, and paste the file into the *XML_Input* folder.

5   Transform XML to CSV

This step uses XSLT transformation. This is a commonly used procedure to define how XML data is represented.

The XML file that is located in the *XML_Input* folder is transformed into a CSV file and the output is saved in the *CSV_Output* folder.

XML file → XML_Input folder → Trans-formation → CSV_Output folder → CSV file
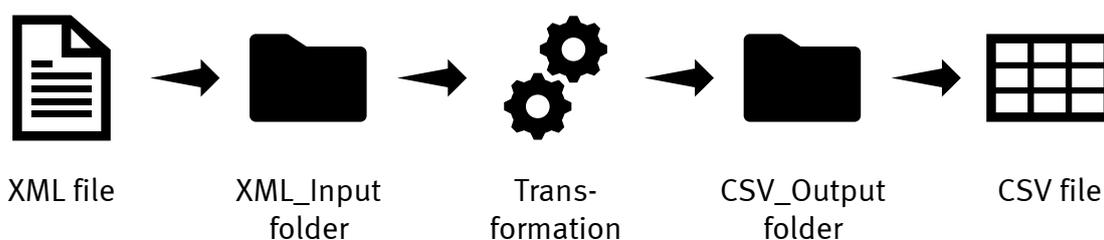
Run the batch file, e.g. by double-clicking on *Export all test parameters (best value, best trial) with %pred and Z-Score.bat*.
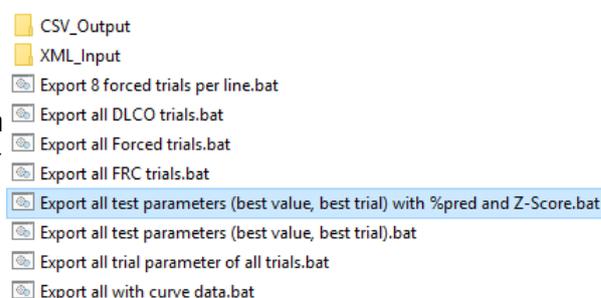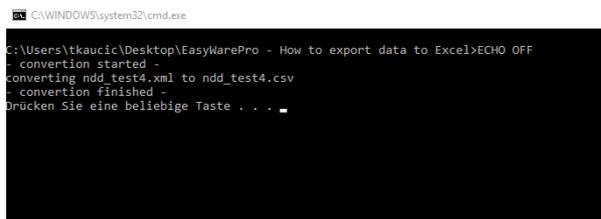

A command line window from Windows appears which informs you that the conversion has started and which file is being converted.
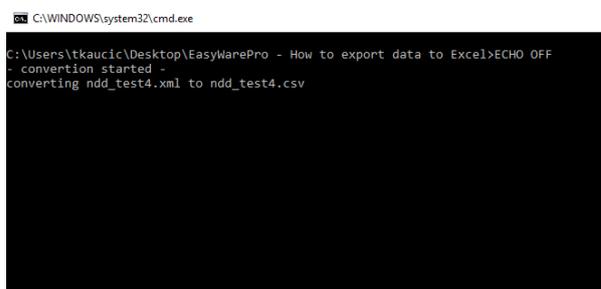
The conversion can take a while depending on the size of the XML file.

Press any key as soon as the conversion is finished.

The command line window disappears and you can now access the new, transformed CSV file in the *CSV_Output* folder.