



## INFORMATION FOR CENTERS PARTICIPATING IN CAPACITY & ISARIC

**CAPACITY** is an international patient registry that has been established to determine the role of cardiovascular disease in the COVID-19 pandemic. CAPACITY captures data generated during routine clinical in a standardized manner. The dataset collected within **CAPACITY** builds upon the Case Report Form (CRF) created by the **International Severe Acute Respiratory and Emerging Infection Consortium (ISARIC)**. The ISARIC CRF was extended in the CAPACITY REDCap project with additional data collection instruments to gather in-depth information regarding the cardiovascular history, use of cardiovascular medications, additional cardiac investigations and cardiac outcomes.

For more information about CAPACITY go to: [www.capacity-covid.eu](http://www.capacity-covid.eu)

For more information about ISARIC go to: <https://isaric.tghn.org/>

For centers that want to collect data for **CAPACITY** as well as **ISARIC** there are two options;

### **1. Collection of both CAPACITY and ISARIC data in the CAPACITY REDCap project**

- The CAPACITY REDCap project facilitates data collection for both registries in one system, since the whole ISARIC CRF is incorporated. To share the ISARIC data collected within the CAPACITY REDCap project, these data can simply be locally exported and shared with the University of Oxford.
- To export the ISARIC data, see the ISARIC Data Export SOP below.
- Prior to sharing ISARIC data, a Data Transfer or Sharing Agreement must be arranged between your center and the University of Oxford. We advise you to periodically share your data per agreement with the ISARIC study team.

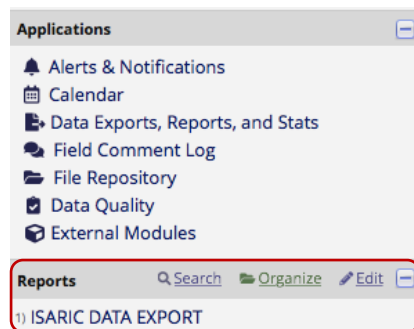
### **2. Collect CAPACITY and ISARIC in two separate REDCap databases**

- Another option is to collect ISARIC data directly into the REDCap database of Oxford and only collect CAPACITY data in the CAPACITY REDCap project.
- If this option is chosen, it is of great importance that the **same Study ID** is used for every patient. This will facilitate linkage of the datasets in a later phase.

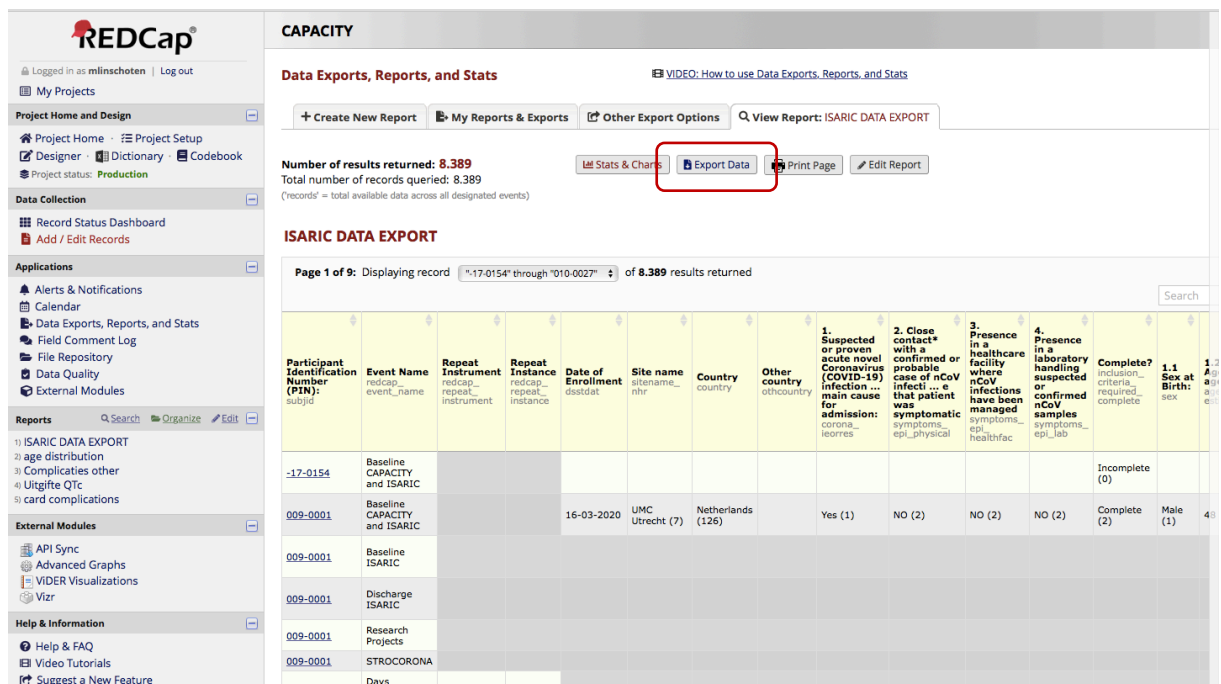
## ISARIC Data Export SOP

When you have local coordinator rights linked to your REDCap account, you are able to export the data collected within the Data Access Group of your own center. To export ISARIC data, an ISARIC data export option has already been built into the CAPACITY REDCap project.

1. Please pay attention that only ISARIC data is exported by clicking on “ISARIC DATA EXPORT” on the left-side menu in REDCap (see figure).



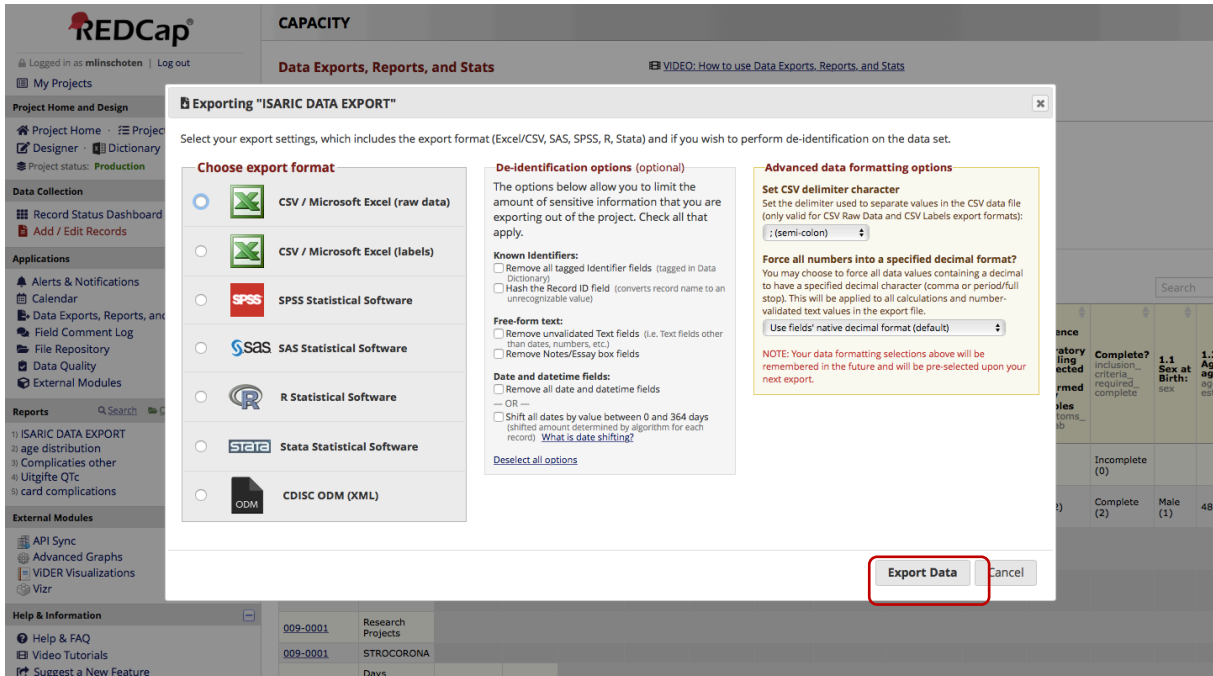
2. You will see the following page. Click on “Export data”.



The screenshot shows the REDCap interface for the 'CAPACITY' project. The 'Data Exports, Reports, and Stats' section is active, and the 'ISARIC DATA EXPORT' report is selected. The 'Export Data' button is highlighted with a red box. Below the report title, there is a table of data with the following columns:

Participant Identification Number (PIN):	Event Name	Repeat Instrument	Repeat Instance	Date of Enrollment	Site name	Country	Other country	1. Suspected or proven acute novel Coronavirus (COVID-19) main cause for admission: corona_ leores	2. Close contact* with a confirmed or probable case of nCoV infecti...: e that patient was symptomatic symptoms_ epi_physical	3. Presence in a healthcare facility where nCoV infections have been managed symptoms_ epi_healthfac	4. Presence in a laboratory handling suspected or confirmed nCoV samples symptoms_ epi_lab	Complete? inclusion_ criteria_ required_ complete	1.1 Sex at Birth: sex	1.2 Age at Birth: age
-17-0154	Baseline CAPACITY and ISARIC											Incomplete (0)		
009-0001	Baseline CAPACITY and ISARIC			16-03-2020	UMC Utrecht (7)	Netherlands (126)		Yes (1)	NO (2)	NO (2)	NO (2)	Complete (2)	Male (1)	49
009-0001	Baseline ISARIC													
009-0001	Discharge ISARIC													
009-0001	Research Projects													
009-0001	STROCORONA Days													

- The following pop-up appears on the screen. Choose your preferred export format, determine which de-identification options are required and set the CSV delimiter character. Once this has been done, click on **“Export Data”**.



The screenshot shows the REDCap interface with a pop-up dialog titled "Exporting 'ISARIC DATA EXPORT'". The dialog is divided into three main sections:

- Choose export format:** A list of radio buttons for different export formats:
  - CSV / Microsoft Excel (raw data)
  - CSV / Microsoft Excel (labels)
  - SPSS Statistical Software
  - SAS Statistical Software
  - R Statistical Software
  - Stata Statistical Software
  - CDISC ODM (XML)
- De-identification options (optional):** A section with several checkboxes:
  - Remove all tagged identifier fields (tagged in Data Dictionary)
  - Hash the Record ID field (converts record name to an unrecognizable value)
  - Known identifiers:**
    - Remove unvalidated Text fields (i.e. Text fields other than dates, numbers, etc.)
    - Remove Notes/Essay box fields
  - Free-form text:**
    - Remove all date and datetime fields
    - OR —
    - Shift all dates by value between 0 and 364 days (shifted amount determined by algorithm for each record) [What is date shifting?](#)
  - Date and datetime fields:**
    - Remove all date and datetime fields
    - OR —
    - Shift all dates by value between 0 and 364 days (shifted amount determined by algorithm for each record) [What is date shifting?](#)
- Advanced data formatting options:** A section with a dropdown menu for "Set CSV delimiter character" (currently set to "; (semi-colon)") and a section for "Force all numbers into a specified decimal format?". A note states: "NOTE: Your data formatting selections above will be remembered in the future and will be pre-selected upon your next export."

At the bottom right of the dialog, there are two buttons: "Export Data" (highlighted with a red box) and "Cancel".

- Share your export with the University of Oxford.