

ELSO CoVID-19 Registry Form Submission Instructions

Extracorporeal Life Support Organization (ELSO)

Please refer to the Covid-19 Registry Addendum Form and Database Definitions Documents at: Registry/DataDefinitions,Forms,Instructions.aspx

Starting a New Patient Form:

Please start the form as soon as patient goes on ECMO

To begin entering a new patient, open www.else.org and sign in with your user name and password. Select the tab Registry/Data Entry. The following screen will display:



Click on 'application settings' in the upper right-hand corner to set your preferences for date, time and units (including international) settings. You may also log out of the registry here.

Click 'Quick Add' or 'Add New Patient' to start a new patient record.

The next screen will load the Minimum information you must enter for the patient:



All Red Fields must be completed to start a CoVID-19 patient. Answering this field will allow you to complete a CoVID-19 Addendum.

First Run Information

Time On*: Not Entered
 Month / Day / Year Hour : Minute AM/PM
 Time On is required

Run No*: 1

Support Type*: - Please Select -
 Support Type is required

Mode*: - Please Select -
 Mode is required

CoVID19: COVID19 confirmed by testing
 Because this is a COVID-19 Patient, please enter as much information as quick as possible on this patient, BUT PLEASE BE SURE TO COMPLETE the Pre ECLS Support Tab Renal, Pulmonary, and Other Support section as well as the new ELSO COVID-19 Addenda as soon as you can!

Cancel Save
 Please complete at least the required fields or hit cancel to move to another tab.

Once you complete this section, click 'Save' to save the patient. You will now be able to enter the Addendum.

Once you have Saved the patient entry, it will be listed as one of your incomplete runs at the bottom of the home page.

Click on the Edit Run Icon to add the Addendum:

Search: Search Quick Add

Incomplete Runs

Sort By - Asc/Desc -

Unique Id: 0812016301	Run No: 1	Birthdate: 12/30/2016
Time On: 12/31/2016 12:00 PM		
Unique Id: 0812016300	Run No: 1	Birthdate: 10/01/2016
Time On: 10/01/2016 12:00 AM		

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Registry Reports Data Export Add New Patient

Run Info Pre ECLS Assessment Pre ECLS Support ECLS Assessment Modes & Cannulations Equipment Diagnoses Procedures Complications Infections Outcome **Addenda**

Submission

Run

Run No: 1 Patient: 0812016300 Birthdate: October 01, 2016 12:00 AM
 Age: 0 day Support Type: Pulmonary ECLS Start Time: October 01, 2016 12:00 AM
 ECLS Stop Time: October 07, 2016 12:00 AM To edit Start or Stop time, click on the Modes & Cannulations tab above. Patient is Unlocked Patient Information

Run is: Incomplete
 Because this is a COVID-19 Patient, please enter as much information as quick as possible on this patient, BUT PLEASE BE SURE TO COMPLETE the Pre ECLS Support Tab Renal, Pulmonary, and Other Support section as well as the new ELSO COVID-19 Addenda as soon as you can!

Addendums

Add Cardiac Add ECPR Add Severity Scores Add COVID

Addendum Type	Edit	Delete
SeverityScores		
ECPR Old		
COVID		
Cardiac		

COVID Addendum

COVID Co-morbidity (Select all that apply):
 Yes
 No

COVID Co-Infection (Select all that apply):
 Yes
 No

Once you have answered the CoVID19 field – instructions are given to please complete certain parts of the main Registry Form as soon as possible. This is to collect valuable information that is passed on to the community as it is entered.

Click on the Addenda tab. Then add the CoVID addendum. (The additional tabs are here for the other requested information as well).

Once you add it, or if you have already started a sheet, it will be listed under addendum type.

Select 'Edit' (the Eye) to open the document.

Select 'Edit' (the Pencil) to enter the information requested.

COVID Addendum

COVID Co-Morbidity (Select all that apply):

Yes
 No

Cancer Pregnancy Immunocompromised Chronic heart disease Diabetes Chronic lung disease Chronic Renal Insufficiency Frailty

Obesity (BMI >30 kg/m2) Asthma

At least one Co-Morbidity Code must be selected

COVID Co-Infection (Select all that apply):

Yes
 No

Bacterial pneumonia
 Co-viral infection
 Blood stream infection
 Urinary tract infection

At least one Co-Infection Code must be selected

Acute Co-Diagnoses (Select all that apply):

ARDS Septic Shock Heart Failure Pneumothorax Pneumonia Myocarditis Acute Renal Failure None of these

COVID Therapies & Immunomodulators (Select all that apply):

Yes
 No

Steroids: Systemic Glucocorticosteroids IVIG: Intravenous Immunoglobulin Selective cytokine blockade (Anakinra or Tocilizumab)

Lopinavir/Ritonavir (Kaletra) JAK inhibition Chloroquine Remdesivir

At least one COVID Immunomodulator Therapies Code must be selected

COVID Pre-Intubation Respiratory Support (Select all that apply):

Yes
 No

BIPAP cPAP Heated high flow nasal cannula

At least one Pre-Intubation Respiratory Support Code must be selected

Renal Replacement Therapy Required on ECMO?

Yes
 No

COVID Blood Testing

Day of Intubation (within 24 hours): mg/L mg/dL nmol/L
 CRP Level Not measured Unit is required

COVID Blood Testing

Day of Intubation (within 24 hours): mg/L mg/dL nmol/L
 CRP Level Not measured

CRP level: mg/L

Pre-ECLS Start (within 24 hours):
 CRP Level Not measured

CRP level: mg/L

Day of Intubation (within 24 hours): ng/mL mcg/L
 Procalcitonin Not measured

Procalcitonin: ng/mL

Pre-ECLS Start (within 24 hours):
 Procalcitonin Not measured

Procalcitonin: ng/mL

Please complete at least the required fields or hit cancel to move to another tab

Select 'Yes' or 'No' under each field. If you select 'Yes' additional fields are available to click. If there are no applicable fields, then you must click 'No'.

Note: for CRP and Procalcitonin levels, select the unit measured and then enter the result. If not measured, click the box 'CRP level not measured'.

Once you have completed the fields, select 'Save' to save the form.

Notes About Completing the Patient Form

- You do not have to 'Submit' the patient for the data to be available to the Registry. This allows immediate update to the CoVID Dashboard
- Enter the Date/Time Off ECMO as soon as possible
- Complete the Pre-ECLS Support sections as this provides additional details to the dashboard
- Complete the patient form as soon as discharge or death occurs
- Please refer to the ELSO Data Registry Instructions for further details on completing fields
- For any questions or assistance with the forms, please email registrysupport@elso.org