

1. Go to “CRF data”

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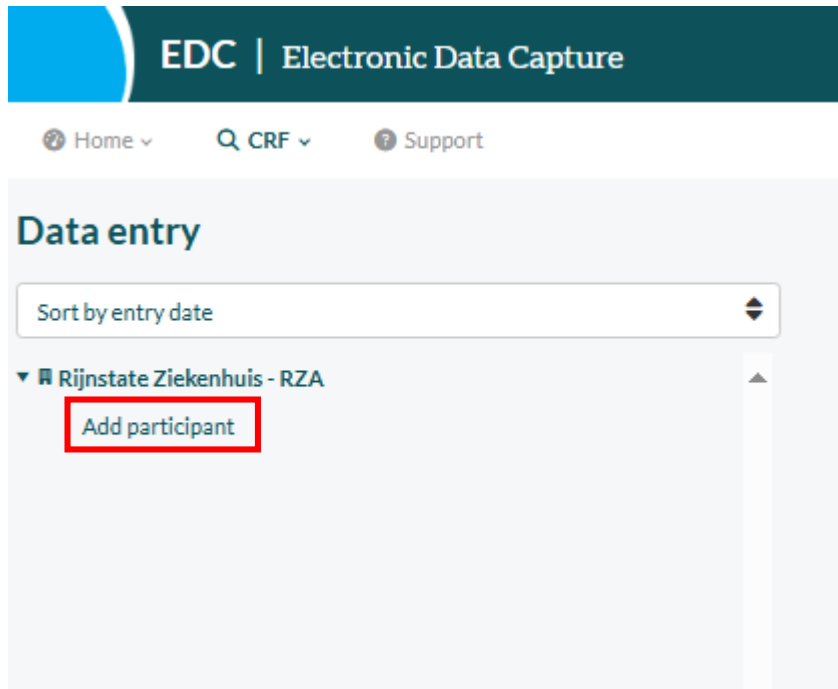
Audit trail

Study name	Number	Study description	Participants	Last activity	Status	Sites
TELSTAR2	0		0	12-3-2025 15:37	Under Construction	- Academisch Medisch Centrum (0 participants) - Canisius Wilhelmina Ziekenhuis (0 participants) - Catharina Ziekenhuis (0 participants) - Centre Hospitalier Chrétien-MontLégia (0 participants) - CHU Marie Curie (0 participants) - CHU Sart-Tilman (0 participants) - CHU Tivoli (0 participants) - Clinique Saint-Pierre Ottignies (0 participants) - Erasmus UMC (0 participants) - Hospital Universitaire de Bruxelles (0 participants) - Leiden UMC (0 participants) - Maasstad Ziekenhuis (0 participants) - Medisch Spectrum Twente (0 participants) - Radboud UMC (0 participants) - Rijnstate Ziekenhuis (0 participants) - St. Antonius Ziekenhuis (0 participants) - UMC Groningen (0 participants) - Universitair Ziekenhuis Brussel (0 participants) - VieCuri Medisch Centrum (0 participants)

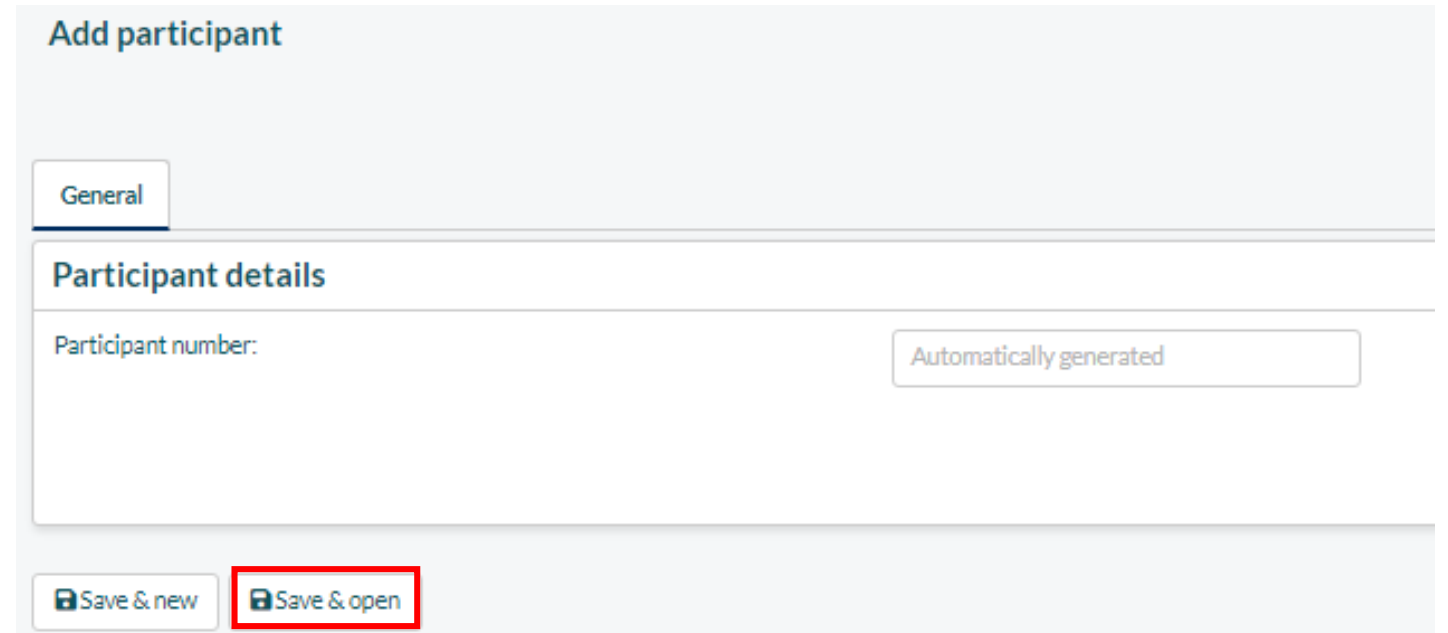
1

Page size: 10

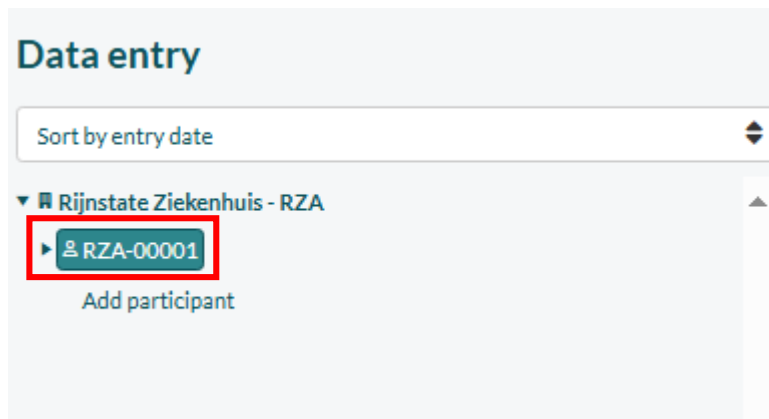
2. Click on “Add participant”



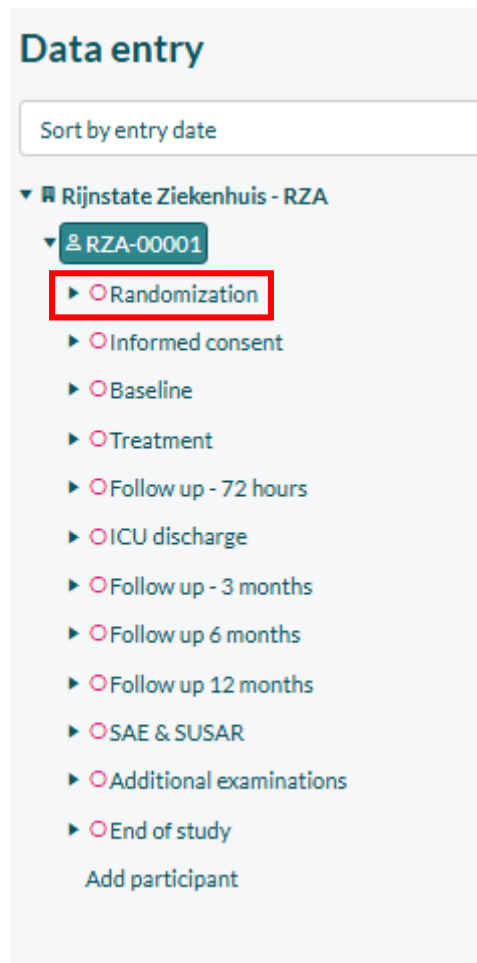
3. Click on “Save & open”



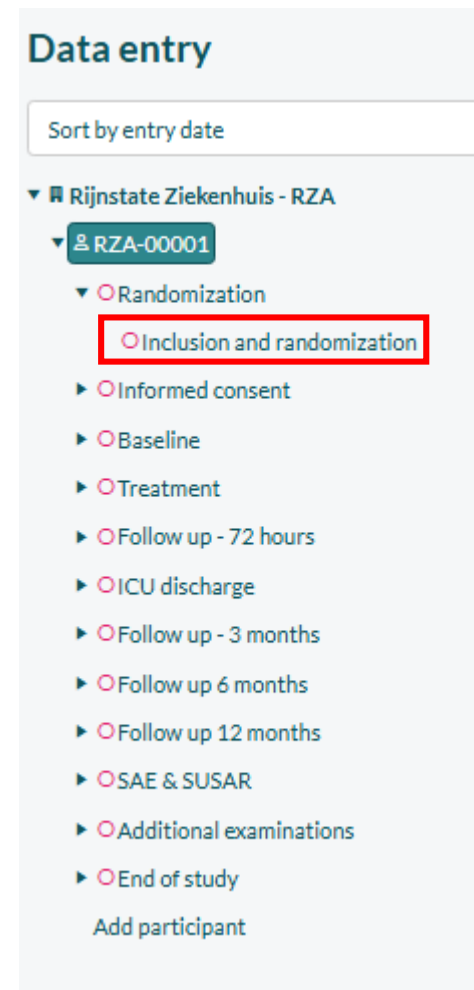
4. Click on participant number



5. Click on Randomization



6. Click on “Inclusion and randomization”



7. Fill out inclusion / exclusion criteria & randomization module

Checklist in- and exclusion criteria	
Inclusion criteria	
Coma (Glasgow Coma Scale score $\leq$ 8) after out of hospital cardiac arrest and resuscitation	☒ Yes ☐ No
Age $\geq$ 18 years	☒ Yes ☐ No
Continuous EEG with at least eight electrodes started < 24h after return of spontaneous circulation (ROSC)	☒ Yes ☐ No
ESE or possible ESE according to the Salzburg and ACNS criteria*	☒ Yes, definite status epilepticus ☐ Yes, possible status epilepticus (ictal-interictal continuum) ☐ No
* Explanation diagnosis criteria	NB: - Pattern needs to be present for at least 10 min to fulfil the criteria. - Explanatory ACNS pocket chart can be found here: ACNSNomenclature2021_ReferenceChart_2020_0725ForPublicComment.pdf
Possibility to start treatment < 3 hours after detection ESE	☒ Yes ☐ No
Exclusion criteria	
Known history of another medical condition with limited life expectancy (< 6 months)	☒ Yes ☐ No
Any progressive brain illness, such as a brain tumor or neurodegenerative disease	☒ Yes ☐ No
Pre-admission Glasgow Outcome Scale score $\leq$ 3	☒ Yes ☐ No
EEG background activity prior to the emergence of ESE is indicative of extensive irreversible anoxic brain injury**	☒ Yes ☐ No
** Explanation EEG background	**Some EEG background patterns strongly associated with extensive anoxic brain injury and unfavorable outcome and implicate exclusion of study: 1. Suppression - burst with identical bursts 2. Suppression - GPDs 3. Persistent suppression for more than 24h prior to ESE onset
Reason other than the neurological condition to withdraw treatment	☒ Yes ☐ No
Follow-up impossible due to logistic reasons, for example not living in the Netherlands or Belgium.	☒ Yes ☐ No
Insufficient understanding of the Dutch or French language.	☒ Yes ☐ No
Randomization module	
EEG background activity prior to the emergence of ESE*	☒ Benign ☐ Intermediate
* Explanation EEG background	NB: - Benign: normal voltage, continuous or nearly continuous background - Intermediate: all backgrounds not meeting "highly malignant" or "benign" criteria.
Name physician who performs inclusion and randomization	
Date and time of randomization	 

Please note: "EEG background activity" should be filled in order to randomize

8. Click on “Save as complete”

Please note: button may be visible under “Actions” drop down menu

RZA-00001 - Randomization - Inclusion and randomizationStatus: Empty

☐ Clear all ☒ Save as missing ☐ Save as incomplete ☒ Save as complete

Checklist in- and exclusion criteria

Inclusion criteria

Coma (Glasgow Coma Scale score $\leq$ 8) after out of hospital cardiac arrest and resuscitation	☒ ☐ Yes ☐ No	
Age $\geq$ 18 years	☒ ☐ Yes ☐ No	
Continuous EEG with at least eight electrodes started < 24h after return of spontaneous circulation (ROSC)	☒ ☐ Yes ☐ No	
ESE or possible ESE according to the Salzburg and ACNS criteria*	☒ ☐ Yes, definite status epilepticus ☐ Yes, possible status epilepticus (ictal-interictal continuum) ☐ No	
Possibility to start treatment < 3 hours after detection ESE	☒ ☐ Yes ☐ No	

* Explanation diagnosis criteria

Definite ESE

- PDs or SW discharges > 2.5 Hz (> 25 discharges in 10s)
- Rhythmic or periodic discharge $\leq$ 2.5 Hz or any RDA with spatiotemporal evolution
- Rhythmic or periodic discharge $\leq$ 2.5 Hz or any RDA with time-locked clinical manifestation

Possible ESE

- PDs or SW > 1.0 Hz but $\leq$ 2.5 Hz (> 10 but $\leq$ 25 discharges in 10s)
- PDs or SW $\geq$ 0.5 Hz but $\leq$ 1 Hz ($\geq$ 5 but $\leq$ 10 discharges in 10s), with either « + » modifier or fluctuation
- Non-generalized RDA > 1 Hz ($\geq$ 10 waves in 10s), with either a « + » modifier or fluctuation

Pattern needs to be present for at least 10 minutes to fulfill criteria.

Exclusion criteria

9. Click on participant number



10. Click on “Randomize”

