

Study number:

Date of inclusion: \_\_\_/\_\_\_/\_\_\_

## **SURGERY CRF**

Name first surgeon	_____	_____
Name second surgeon	_____	_____
Date arrival in operating room	___/___/___	Time arrival in operating room ___:___
Date start anesthesia	___/___/___	Time start anesthesia ___:___

### **Procedure**

Date start intervention (first incision)	___/___/___	Time start intervention (first incision)	___:___
Date end intervention (skin closure)	___/___/___	Time end intervention (skin closure)	___:___
Surgery performed in a hybrid OR	<input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> Unknown		
Device for ICH removal used	<input type="checkbox"/> Artemis® 2.8 mm (Penumbra Inc.) <input type="checkbox"/> Artemis® 2.1 mm (Penumbra Inc.) <input type="checkbox"/> Other: _____		
Neuro-navigation used	<input type="checkbox"/> Brainlab <input type="checkbox"/> Medtronic (StealthStation™)		
Endoscope used	<input type="checkbox"/> LOTTA® (Karl Storz) <input type="checkbox"/> MINOP® (B Braun)		
Irrigation solution used	<input type="checkbox"/> Lactated Ringer's <input type="checkbox"/> Sterofundin <input type="checkbox"/> Other: _____	Estimated amount of irrigation solution used	_____ mL
Number of cannisters used	_____ cannisters		
Conversion to craniotomy	<input type="checkbox"/> No <input type="checkbox"/> Yes		
Endoscopic clot appearance	<input type="checkbox"/> Liquefied clot <input type="checkbox"/> Both liquefied and fibrous clot <input type="checkbox"/> Fibrous clot		
Active bleeding during surgery	<input type="checkbox"/> No <input type="checkbox"/> Yes: Specify: Focal bleeding <input type="checkbox"/> No <input type="checkbox"/> Yes Diffuse bleeding <input type="checkbox"/> No <input type="checkbox"/> Yes	If Yes, specify treatment:	<input type="checkbox"/> Bleeding control by irrigation only <input type="checkbox"/> Bleeding control by electrocautery <input type="checkbox"/> Bleeding control by adjunct hemostatic agent (FloSeal®)
Estimated percentage ICH volume reduction	_____ %		
External ventricular drain (EVD) placement	<input type="checkbox"/> No <input type="checkbox"/> Yes		
Surgery resumed or restarted after residual hemorrhage on post-operative control NCCT?	<input type="checkbox"/> No <input type="checkbox"/> Yes		
Per-procedural complications	<input type="checkbox"/> No <input type="checkbox"/> Yes:	If Yes, please fill out (SAE form and specify:	Seizure(s) <input type="checkbox"/> No <input type="checkbox"/> Yes Hemodynamic instability <input type="checkbox"/> No <input type="checkbox"/> Yes Device deficiency <input type="checkbox"/> No <input type="checkbox"/> Yes Other: _____
<b>Lowest blood pressure during surgery</b> (blood pressure during induction and termination of anesthesia excluded)			
Systolic blood pressure	_____ mm Hg	Diastolic blood pressure	_____ mm Hg
<b>Highest blood pressure during surgery</b> (blood pressure during induction and termination of anesthesia excluded)			
Systolic blood pressure	_____ mm Hg	Diastolic blood pressure	_____ mm Hg

### **Perioperative medication administration**

#### **Anticoagulant/coagulopathy reversal agents:**

Platelet transfusion	<input type="checkbox"/> No <input type="checkbox"/> Yes:	time of administration:	___:___
Tranexamic acid	<input type="checkbox"/> No <input type="checkbox"/> Yes:	time of administration:	___:___
Desmopressin (DDAVP®)	<input type="checkbox"/> No <input type="checkbox"/> Yes:	time of administration:	___:___
Other (e.g. erythrocyte transfusion, fibrinogen, fresh frozen plasma)	<input type="checkbox"/> No <input type="checkbox"/> Yes:	Specify: _____	time of administration: ___:___

#### **Intracranial pressure lowering drugs:**

Hypertonic saline	<input type="checkbox"/> No <input type="checkbox"/> Yes:	time of administration:	___:___
Mannitol	<input type="checkbox"/> No <input type="checkbox"/> Yes:	time of administration:	___:___
Dexamethasone	<input type="checkbox"/> No <input type="checkbox"/> Yes:	time of administration:	___:___ Dosage ____ mg

*NB: Check whether given by anesthesiologist at induction of anesthesia*

### **Other study procedures**

Did you perform a non-contrast CT-scan directly after surgery?	<input type="checkbox"/> No <input type="checkbox"/> Yes
Did you collect a hematoma aspirate sample for the CONTRAST Biobank? (DIST-INFLAME sub-study only)	<input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> NA

### **(S)AE Check after surgery**

Did the patient experience one or more (serious) adverse (device) event(s) during surgery?	<input type="checkbox"/> No <input type="checkbox"/> Yes (if yes, please complete (S)AE form(s))
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