

On-line table: Clinical and laboratory summary of seven vaccine-induced cerebral venous sinus thrombosis patients referred for for mechanical thrombectomy.

	Case 1	Case 2	Case 3	Case 4	Case 5	Case 6	Case 7
Gender	Male	Female	Female	Male	Female	Male	Male
Age group (years)	40-49	30-39	40-49	40-49	40-49	40-49	20-29
Time elapsed since vaccination (days)	14 (1 st dose)	12 (1 st dose)	11 (1 st dose)	10 (1 st dose)	14 (1 st dose)	14 (2 nd dose)	11 (1 st dose)
Thrombotic risk factor	-	Oral contraceptive	-	-	-	-	-
GCS	Intubated on arrival	Intubated on arrival	15	11	15	Intubated on arrival	Intubated on arrival
Presenting symptoms	Headache, hematuria, purpuric rash, generalized tonic clonic seizures	Headache, arm weakness, focal seizures	Headache, purpuric rash	Headache, hematuria	Headache	Headache, comatose	Headache, right hemiplegia
Location of thrombosis	Superior sagittal sinus	Superior sagittal sinus	Superior sagittal sinus (non-occlusive), right transverse sinus	Left transverse sinus, sigmoid sinus	Right transverse sinus, sigmoid sinus	Superior sagittal sinus, both transverse sinuses	Superior sagittal sinus, sigmoid sinus
Intracerebral hemorrhage	Right frontal lobe	Both frontal lobes with mass effect	No ICH	Left temporal lobe with mass effect	Right temporal lobe	Both frontal lobes with mass effect	Both frontal lobes
Platelet count (per liter)	14×10 ⁹	47×10 ⁹	11×10 ⁹	35×10 ⁹	91×10 ⁹	30×10 ⁹	37×10 ⁹
D-dimer level (mcg/L)	6,127	6,574	4,829	6,807	5,191	-	14,582

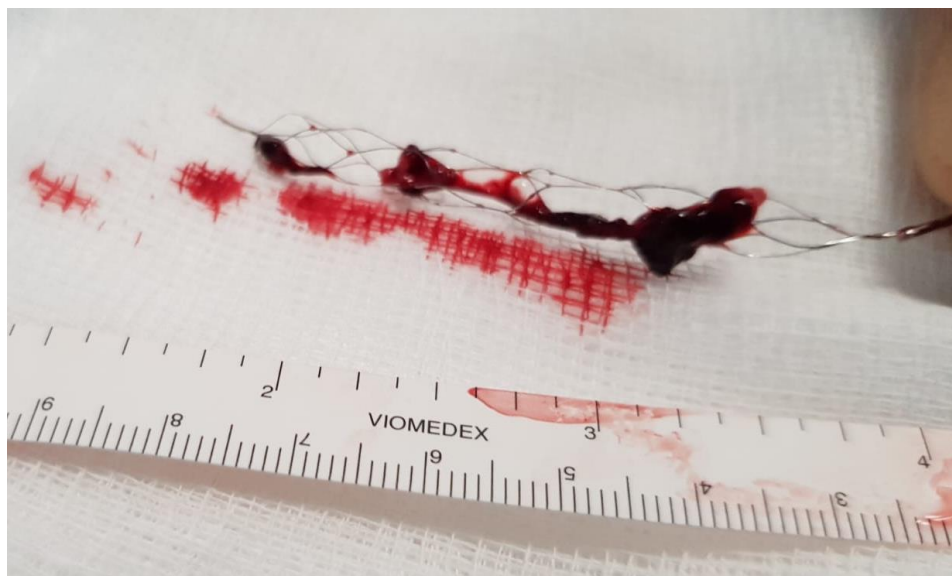
	Case 1	Case 2	Case 3	Case 4	Case 5	Case 6	Case 7
Anticoagulation treatment	Heparin, switched to elthrombopag	Argatroban	Dabigatran	Argatroban, fondaparinux	Fondaparinux	-	Apixaban, switched to argatroban
Immune modulation treatment	Prednisolone	Dexamethasone	Dexamethasone	Dexamethasone	Dexamethasone	Dexamethasone	Dexamethasone
	IVIg	IVIg	IVIg	IVIg	IVIg	IVIg	IVIg
			Plasma exchange	Plasma exchange	Plasma exchange		Plasma exchange
Anesthesia	General anesthesia	General anesthesia	Local anesthesia with conscious sedation	General anesthesia	Local anesthesia with conscious sedation	-	General anesthesia
Number of passes	7	6	5	4	6	-	6
Procedure length	90 minutes	145 minutes	80 minutes	90 minutes	82 minutes	-	120 minutes
Stent retriever *	NeVa IC-3 6×44 mm	Solitaire X 6×40 mm	NeVa IC-3 6×44 mm	NeVa IC-3 6×44 mm	NeVa IC-3 6×44 mm	-	NeVa IC-3 6×44 mm
Reperfusion catheter **	ACE 68	ACE 68	SOFIA Plus	JET 7	JET 7		JET 7
Angiographic outcome	Satisfactory recanalization	Partial recanalization of posterior superior sagittal sinus	Satisfactory recanalization	Satisfactory recanalization	Satisfactory recanalization	-	Satisfactory recanalization
Recurrent thrombosis	-	-	Right transverse and sigmoid sinus	Left transverse and sigmoid sinus	-	-	-

	Case 1	Case 2	Case 3	Case 4	Case 5	Case 6	Case 7
Surgical intervention	-	-	-	Decompressive craniectomy (day 0)	-		Decompressive craniectomy (day 1)
Functional outcome (mRS)	1	6	0	3	0	6	6

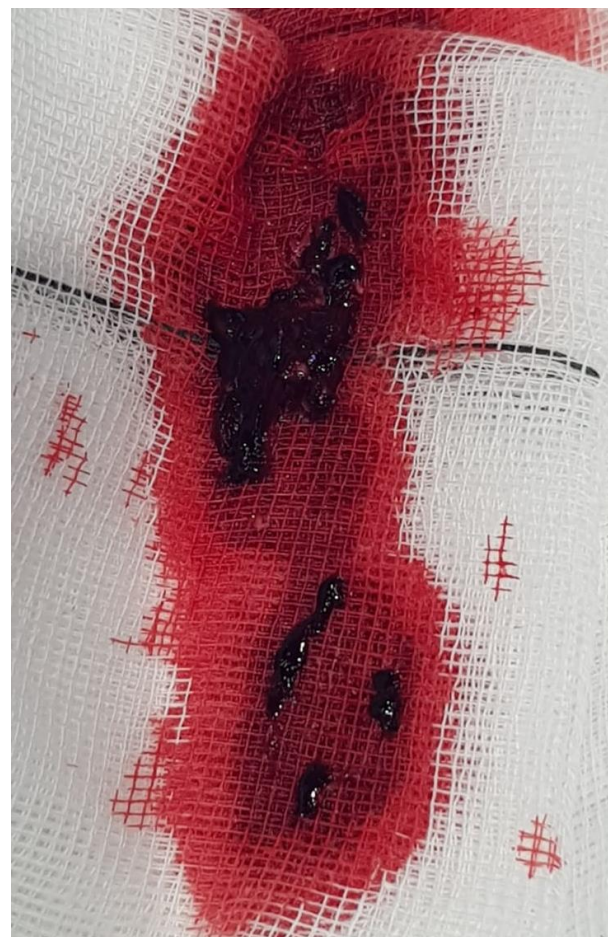
Note: IVIg indicates intravenous immunoglobulin

* Stent retrievers – NeVa IC-3 (Vesalio, Nashville, Tennessee), Solitaire X (Covidien, Irvine, California)

** Reperfusion catheters – ACE68, JET-7 (Penumbra, Alameda, California), SOFIA Plus (MicroVention, Tustin, California)



(a) Retrieved thrombus attached to the NeVa IC-3 6×44 mm stent retriever



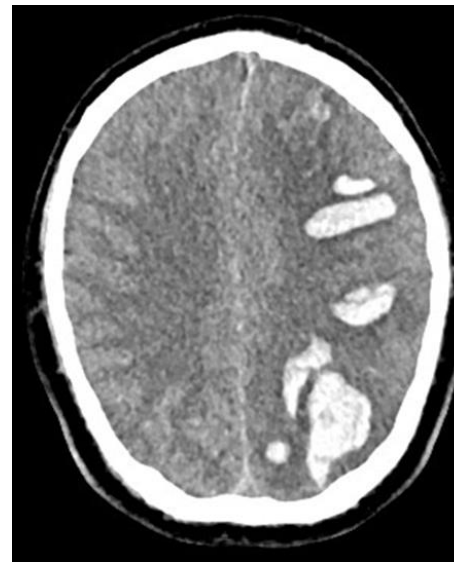
(b) Fresh thrombus aspirated through PENUMBRA JET 7 reperfusion catheter



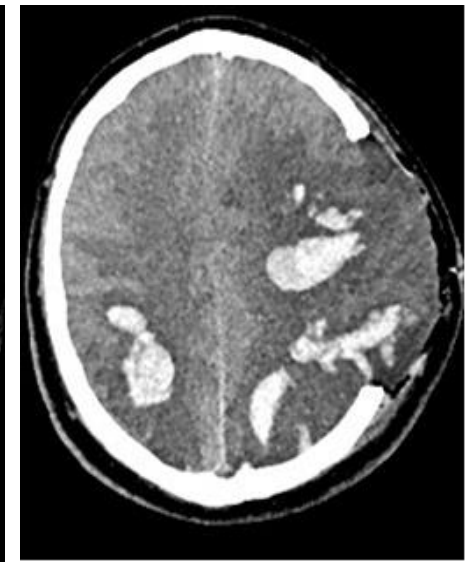
0 hour



+ 24 hours



+37 hours (post thrombectomy)



+48 hours (post craniectomy)

Rapid progression to life-threatening bilateral intracerebral hemorrhage within 48 hours after hospitalization as a result of extensive superior sagittal sinus thrombosis.