

On-line Table 1: Severe adverse events

Event No.	Diagnosis	Other Medications	Event	Outcome	Possible Attribution (Determined by On-Site Investigator)
1	Severe traumatic brain Injury	Morphine (10 mg), 10-mg cisatracurium besylate	Bradycardia progressing to asystole requiring resuscitation	Returned to neurologic baseline	Underlying condition
2	R cavernous carotid aneurysm	None noted	Seizure after balloon inflation, before xenon administration; second seizure within seconds of xenon administration	Study terminated, patient returned to baseline	Procedure
3	TIA's, Moyamoya disease	Lorazepam (1 mg), 10-mg prochlorperazine, 1-g acetazolamide	Severe nausea and emesis	No aspiration, patient remained at baseline	Drug allergy, xenon, underlying disease
4	TIA's, Moyamoya disease	Prochlorperazine (10 mg), 1-g acetazolamide	Seizure during procedure	Study terminated, patient evaluated in ED, no sequelae	Xenon, procedure, underlying condition, sulfa allergy
5	Ischemic stroke	Prochlorperazine (10 mg), 1-g acetazolamide	Hypertension to 242/108 mm Hg	Study terminated, patient returned to baseline	Xenon, procedure, underlying condition
6	TIA's (history of hypertension, headaches, subdural hematoma, falls)	None noted	Hypertension to >200 mm Hg	Exam completed, blood pressure returned to baseline	Underlying condition
7	Carotid occlusion	Acetazolamide (1 g)	Respiratory insufficiency 15 minutes after Xenon-CT	Intubated then brought to ED, extubated without sequelae	Allergic reaction to acetazolamide