

The AnStroke trial

General anesthesia (GS) versus Conscious sedation (CS)
for endovascular treatment of acute ischemic stroke

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<https://clinicaltrials.gov> NCT01872884

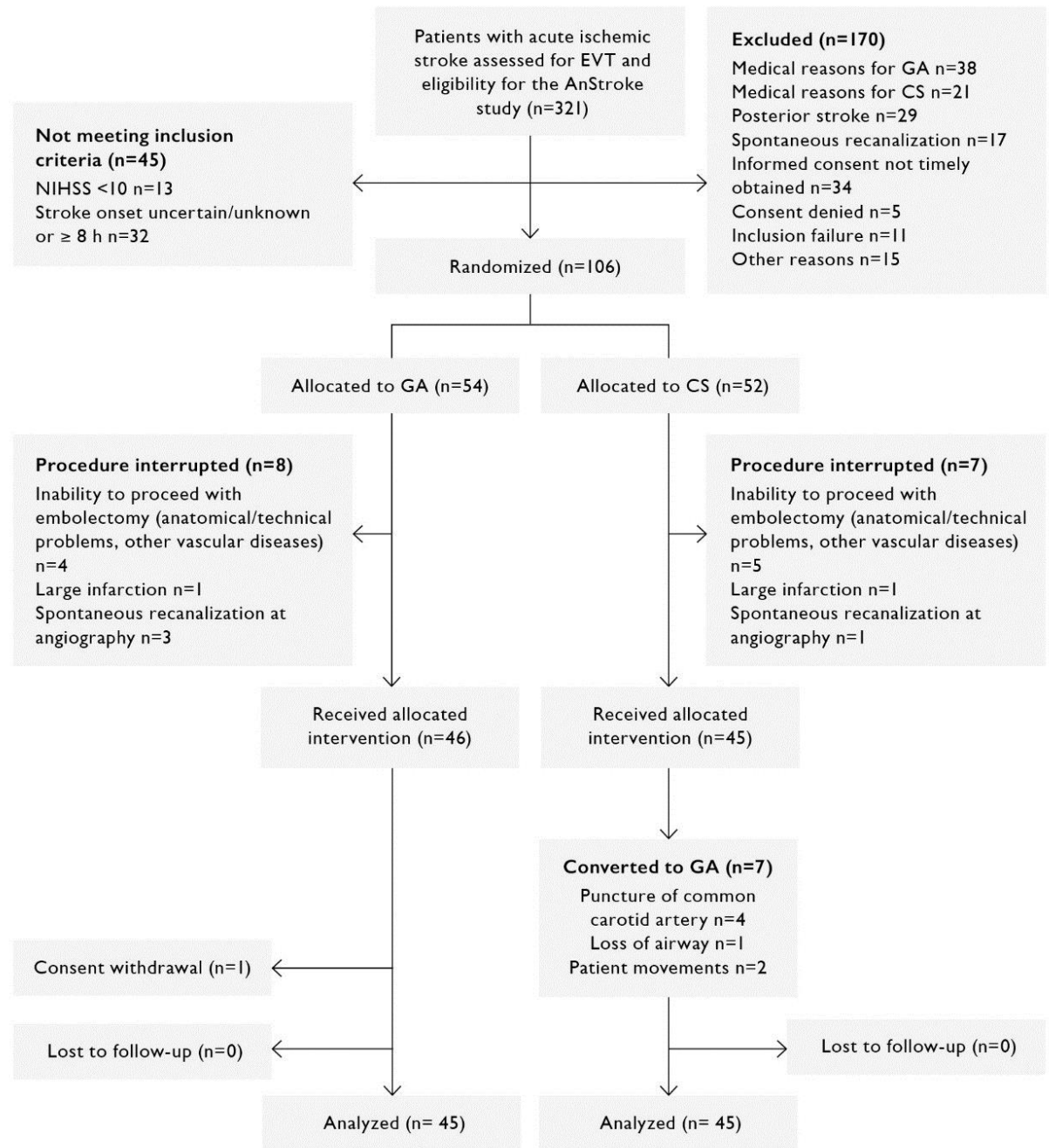


The AnStroke trial Consort flow diagram

Screened n=321

Randomized n=106

Analyzed n=90



The AnStroke trial

Results

No differences between the GA and CS groups in mRS 3 months (primary endpoint) or NIHSS, infarction volume, successful recanalization (secondary endpoints)

Outcome data	GA n=45	CS n=45	p-value
mRS score at 3 mo	3 (1-4)	3 (1-5.5)	0.5001
mRS score at 3 mo \leq 2, n (%)	19 (42.2)	18 (40.0)	1.000
NIHSS after 24 hours	8 (3-15)	9 (2-15)	0.5986
NIHSS shift 24 hours postoperatively	9 (4-17)	8 (2.5-13)	0.2723
NIHSS at day 3	6 (2-14)	3 (0.5-10)	0.1685
NIHSS shift at day 3	10 (6-18)	12 (5.5-16)	0.8272
NIHSS at hospital discharge or at day 4-7	3 (1-10)	2 (0-9.5)	0.2484
NIHSS shift at hospital discharge or at day 4-7	12 (9-19)	13 (9-16)	0.5713
MRI day 3 cerebral infarction volume, ml	20 (10-100)	20 (9-55)	0.5320
mTICI 2b-3 = successful recanalization, n (%)	41 (91.1)	40 (88.9)	1.000



The AnStroke trial Results

