A SINGLE CENTER PROSPECTIVE STUDY USING TRANSCAROTID ARTERY REVASCULARIZATION AND DOUBLE MESH STENT

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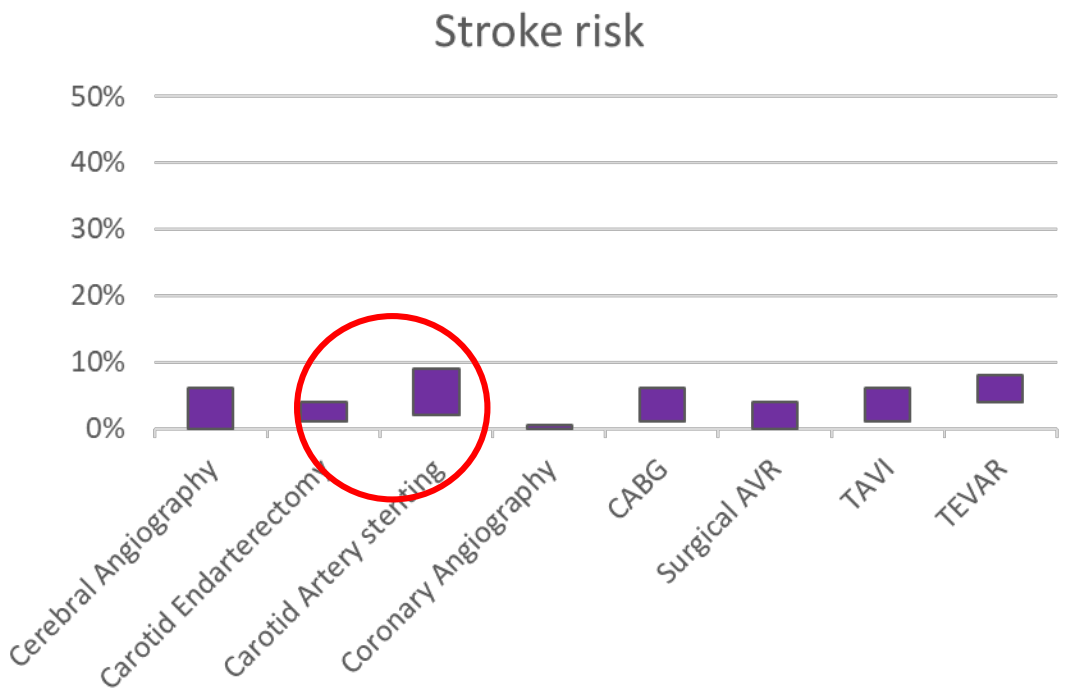
Disclosure of Interest

Speaker name: *María Pilar Lamarca Mendoza*

- I have the following potential conflicts of interest to report:
- Consulting
- Employment in industry
- Shareholder in a healthcare company
- Owner of a healthcare company
- Other(s)

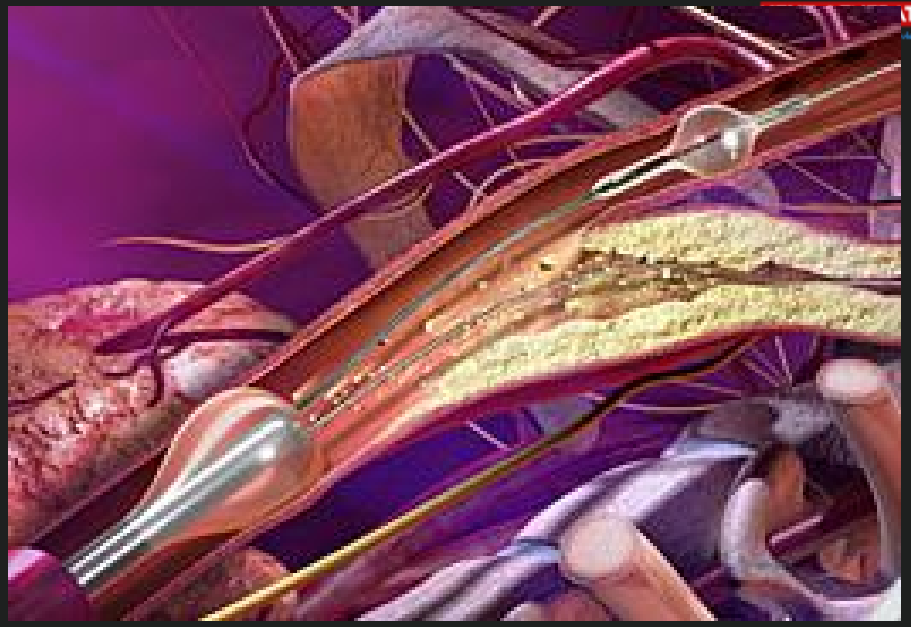
- ✖ I do not have any potential conflict of interest

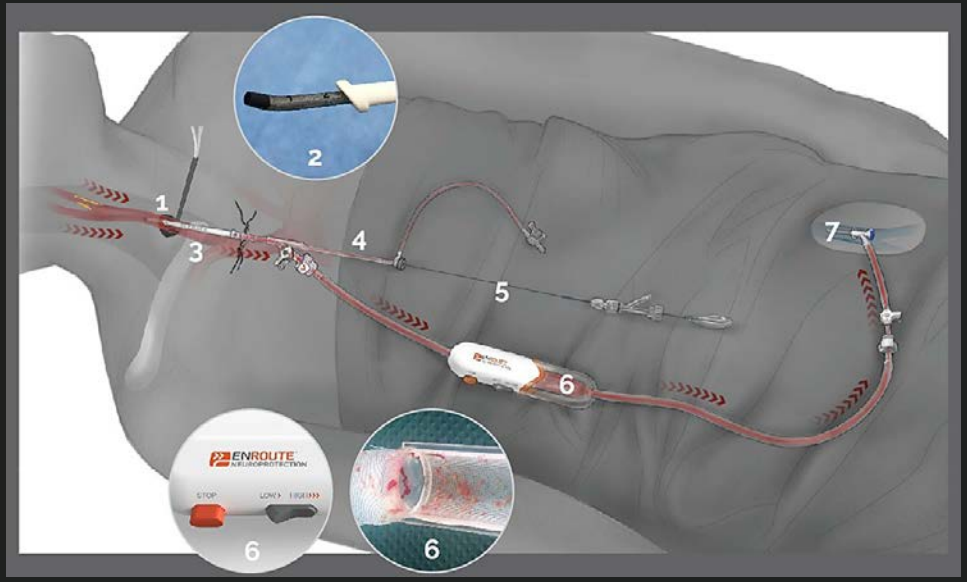

Stroke risk
50%
40%
30%
20%
10%
0%
Cerebral Angiography
Carotid Endarterectomy
Carotid Artery stenting
Coronary Angiography
CABG
Surgical AVR
TAVI
TEVAR

CAS HAS AN EXCESS OF MICROEMBOLIC BURDEN

NEGOTIATION OF THE ARCH, AORTIC TRUNK

CROSSING THE STENOSIS

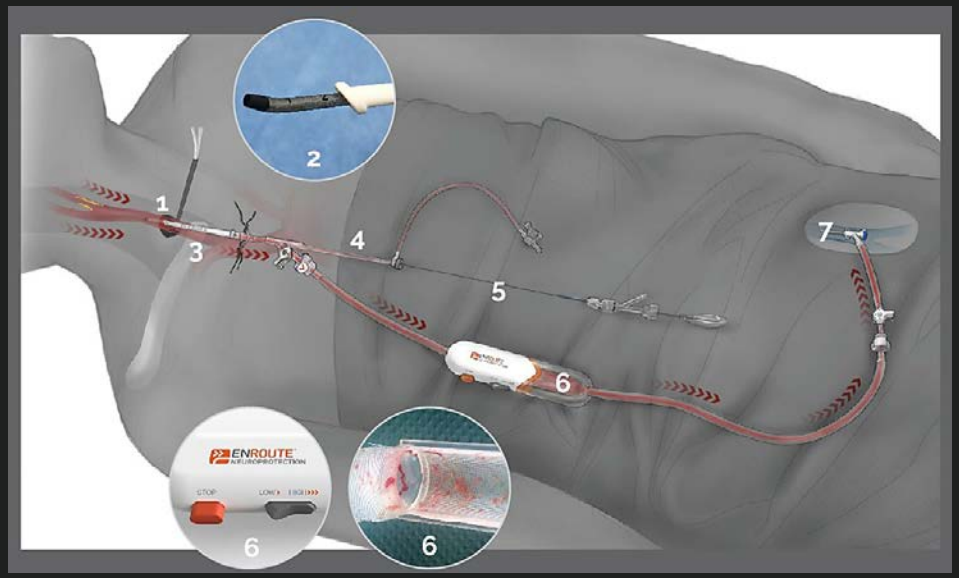



2
1
3
4
5
6
7
ENROUTE
6
6

Results of the ROADSTER multicenter trial of transcarotid stenting with dynamic flow reversal

Christopher J. Kwolek, MD,[a] Michael R. Jaff, DO,[b] J. Ignacio Leal, MD,[c] L. Nelson Hopkins, MD,[d] Rasesh M. Shah, MD,[e] Todd M. Hanover, MD,[f] Sumaira Macdonald, MD,[g] and Richard P. Cambria, MD,[a]

Boston, Mass; Toledo, Spain; Buffalo, NY; Norfolk, Va; Greenville, SC; and Sunnyvale, Calif

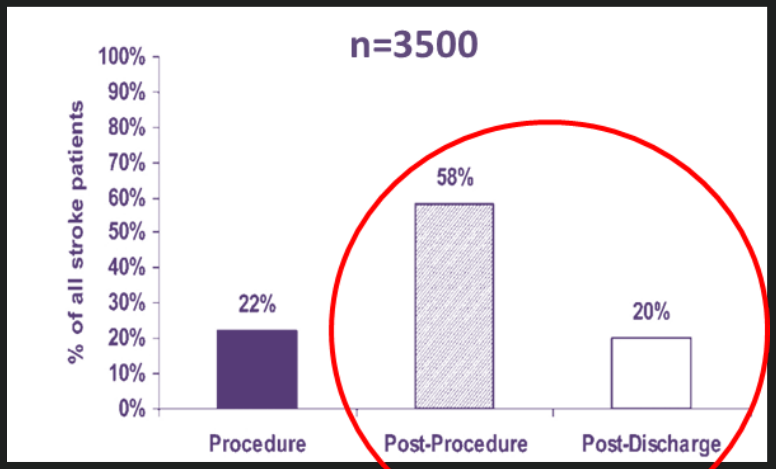


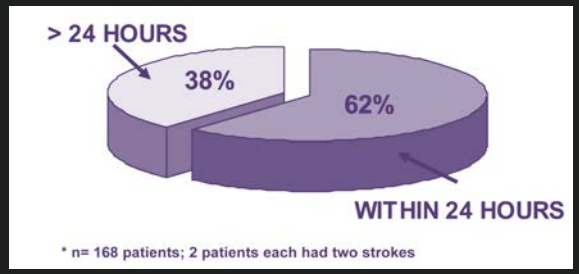
1’4%
STROKE

0%
MAYOR
STROKE

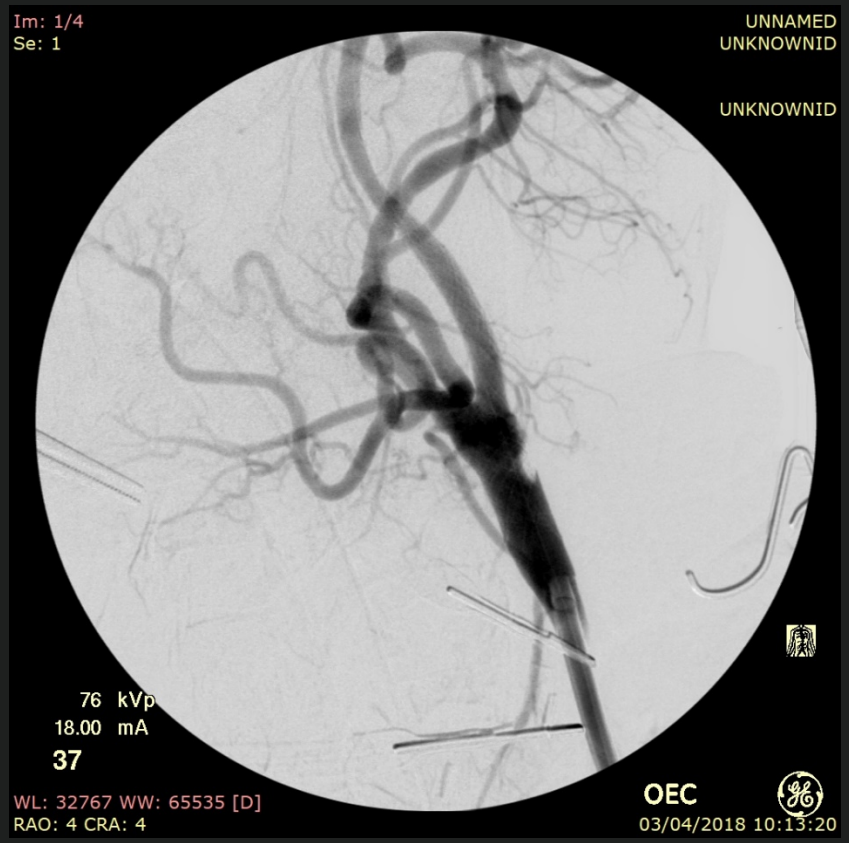
BUT…

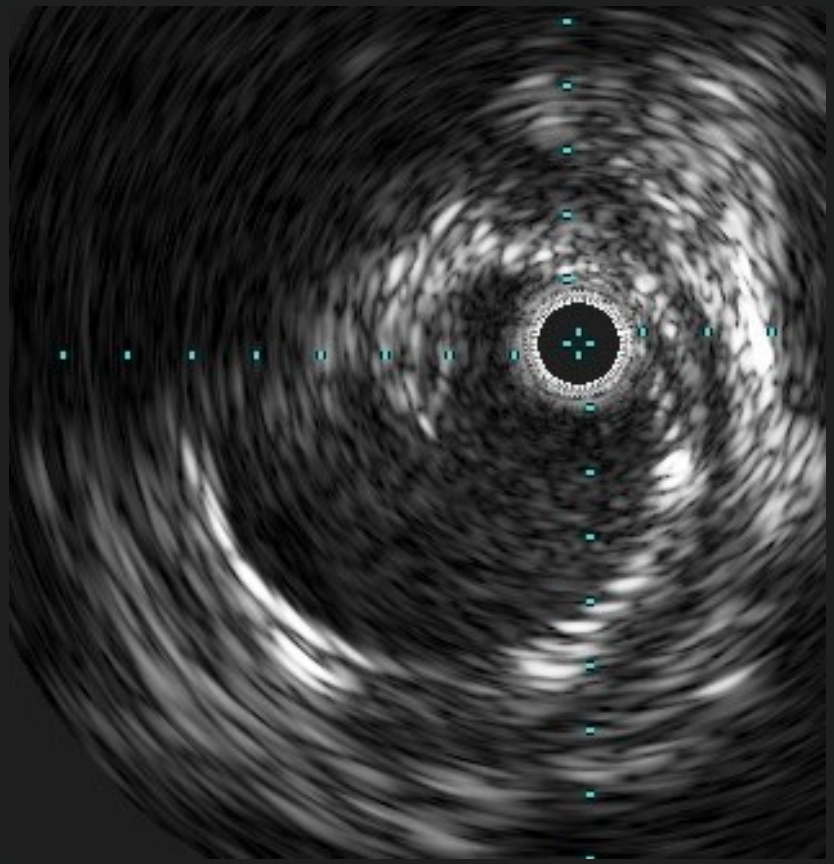
DELAYED STROKE

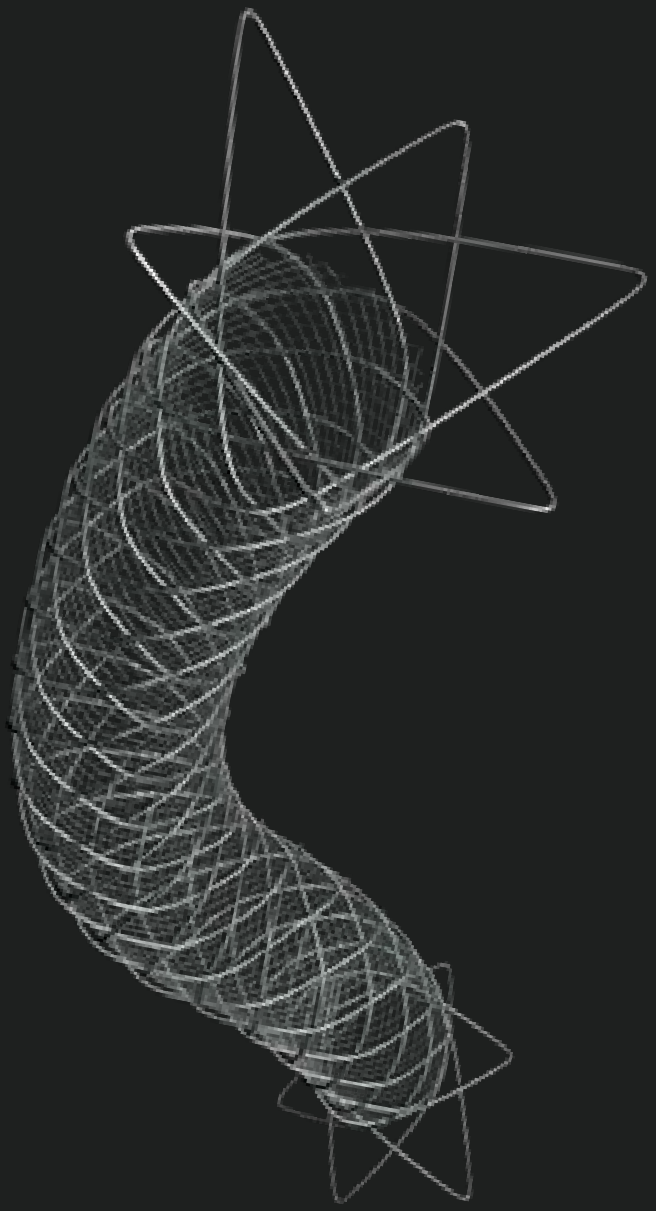




"Off the table"


Im: 1/4
Se: 1
UNNAMED
UNKNOWNID
UNKNOWNID
76 kVp
18.00 mA
37
WL: 32767 WW: 65535 [D]
RAO: 4 CRA: 4
OEC
03/04/2018 10:13:20





The CLEAR-ROAD study: evaluation of a new dual layer m

Carotid artery stenting with a new-generation double-mesh stent in three high-volume Italian centres: clinical results of a multidisciplinary approach

One swallow does not a summer make but many swallows do: accumulating clinical evidence for nearly-eliminated peri-procedural and 30-day complications with mesh-

C

P

Potential of New-Generation Double-Layer Micromesh Stent for Carotid Artery Stenting in Patients with Unstable Plaque: A Preliminary Result Using OFDI Analysis

[1] Kiyo
[2] Mar
o Mas

Cardiovasc Intervent Radiol (2016) 39:1541–1549
DOI 10.1007/s00270-016-1454-7

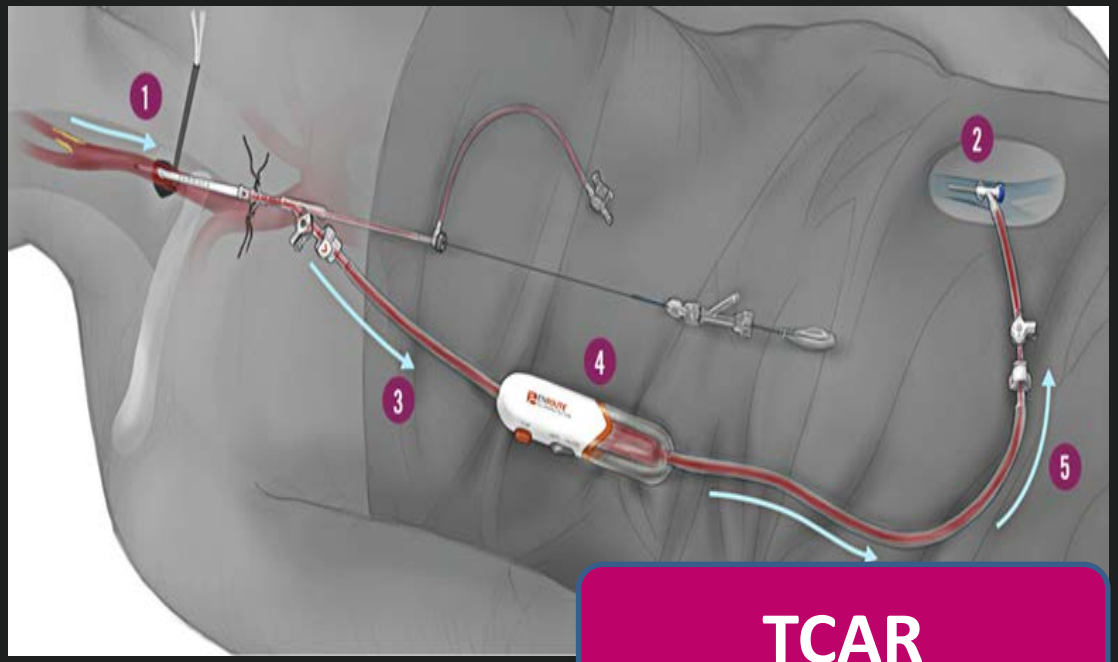
CIRSE CrossMark

CLINICAL INVESTIGATION ARTERIAL INTERVENTIONS

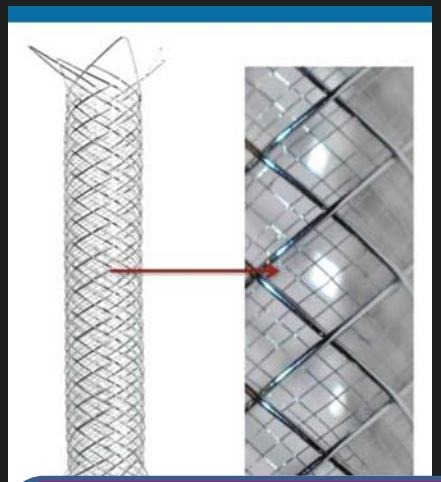
a Uchida[1],
chi Ishikura[3],

Incidence of New Ischaemic Brain Lesions After Carotid Artery Stenting with the Micromesh Roadsaver Carotid Artery Stent: A Prospective Single-Centre Study

Maria Antonella Ruffino[1] · Riccardo Faletti[2] · Laura Bergamasco[3] · Paolo Fonio[2] · Dorico Righi[1]

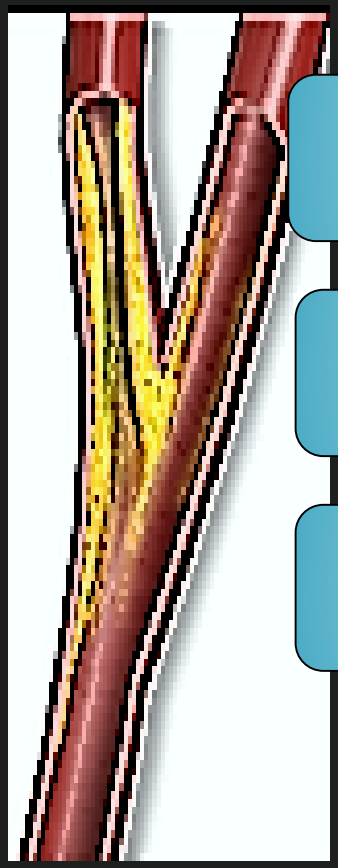


TCAR



Double mesh stent

METHODS



HIGH RISK CEA PATIENT

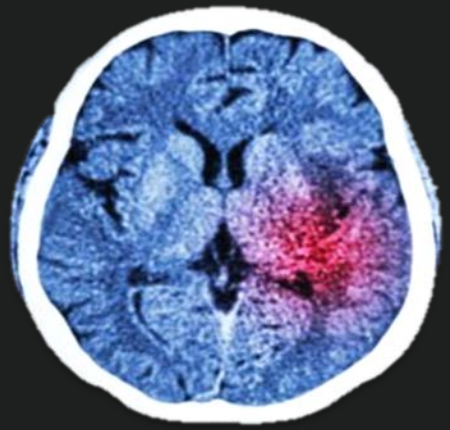
SYMPTOMATIC

ASYMPTOMATIC


Im: 1/75
Se: 1
UNNAMED
UNKNOWNID
UNKNOWNID
14C
WL: 32767 WW: 65535 [D]
LAO: 28 CRA: 1
OEC
10/05/2017 10:45:03

PRIMARY OUTCOMES

NEUROLOGICAL EVENT

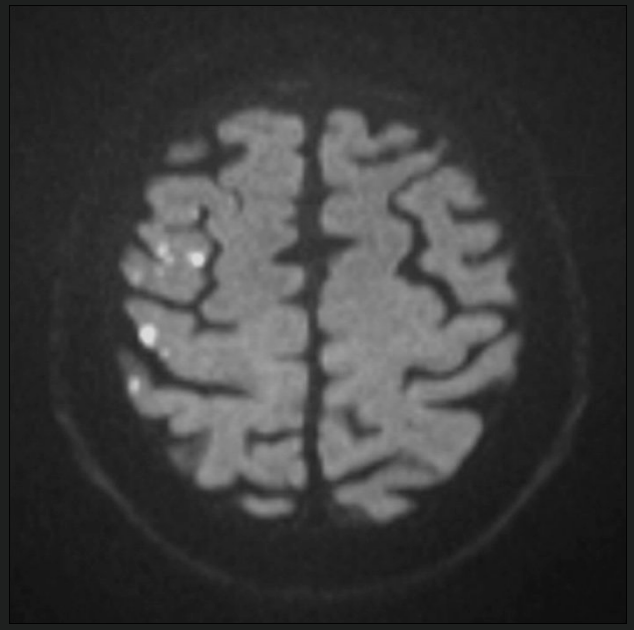


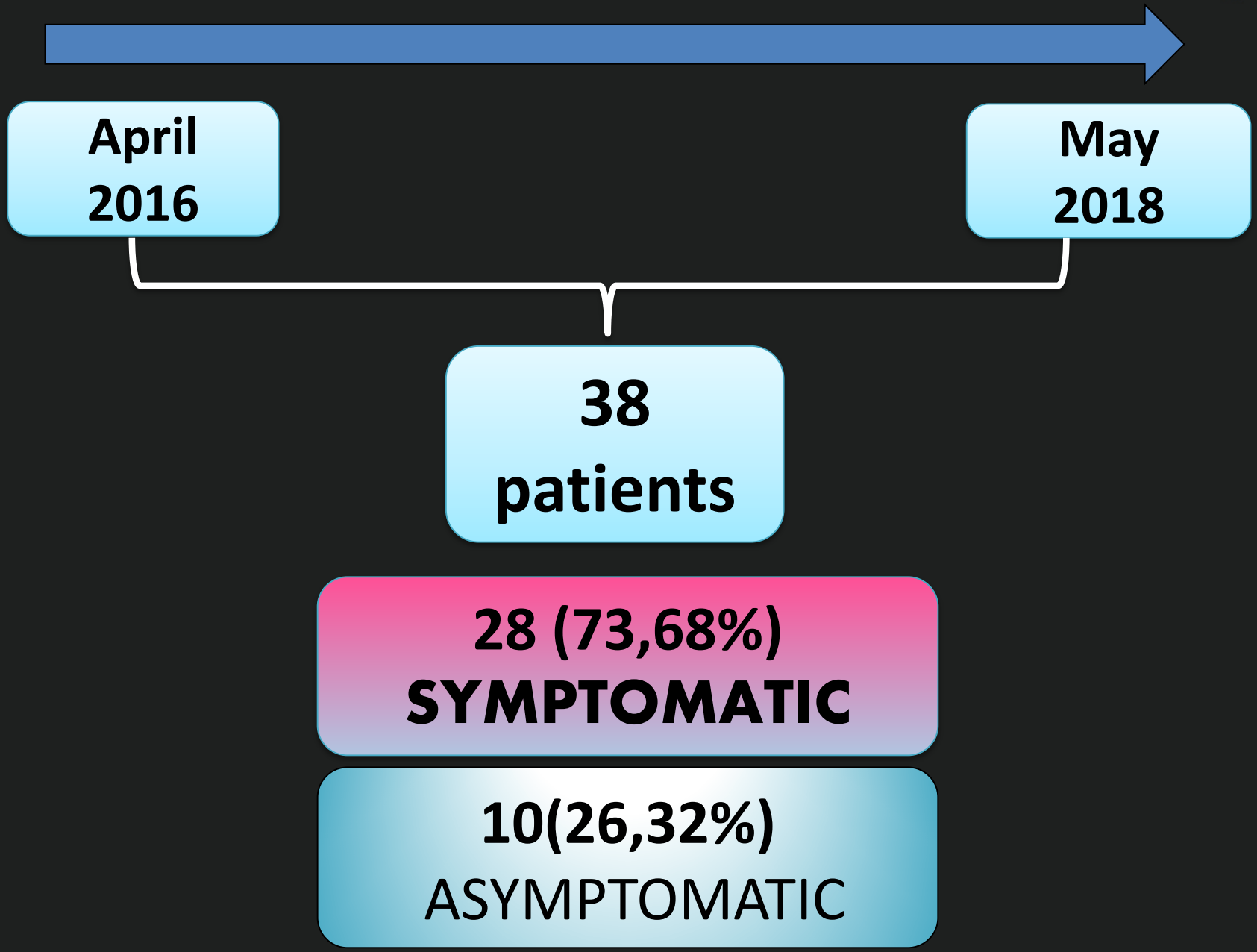
MIOCARDIAL INFARCTION

DEATH

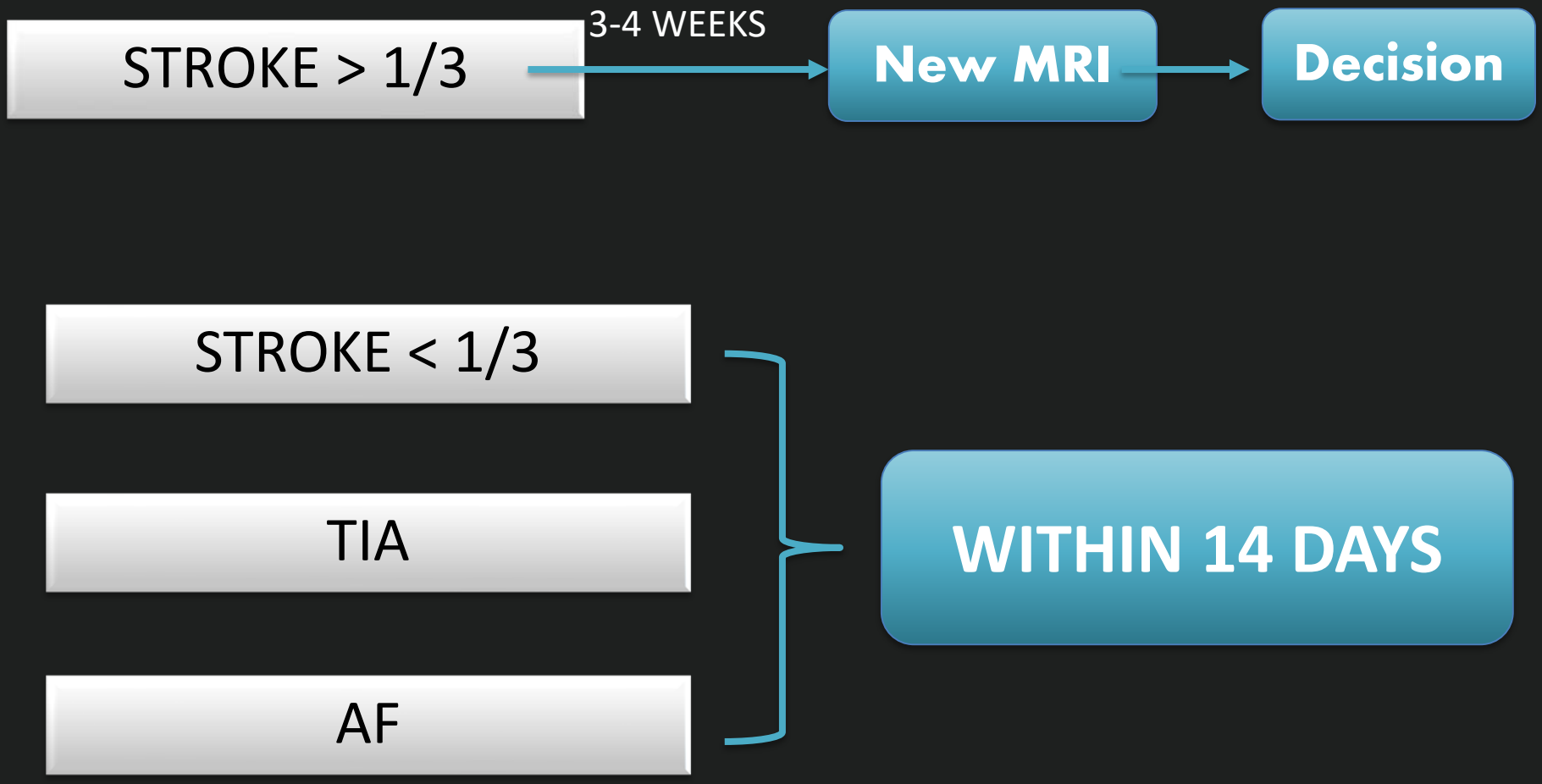
SECUNDARY OUTCOMES

NEW ISCHEMIC LESION ON MRI




April 2016
May 2018
38 patients
28 (73,68%) SYMPTOMATIC
10(26,32%) ASYMPTOMATIC

TIME TO INTERVENTION



SYMPTOMATIC PATIENTS (73,68%)

18 (64,29%) STROKE

5 (17,86%) TIA

5 (17,86%) AMAUROSIS FUGAX

RISK PROFILE

Pts. characteristics	N.patients
High bifurcation	8 (21,05%)
High stenosis	5 (13,15%)
Tandem	%)
Prior neck radiation	4 (10,53%)
Miocard	16%)
Severe COPD	5 (13,16%)
CAS previous to CABG	3 (7,9%)
>2 vessels coronary disease	5 (13,%)

Mean age 73,03

11 pt > 80 ys

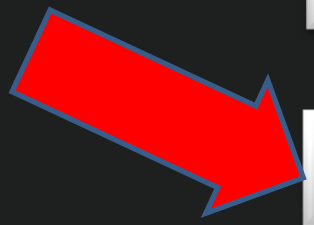
PROCEDURE

21 PREDILATATION

38 POSTDILATATION

20 LOCAL ANESTHESIA

2 NOT TOLERATE HIGH FLOW



11 PTS TREATED WITHIN 14 DAYS

RESULTS

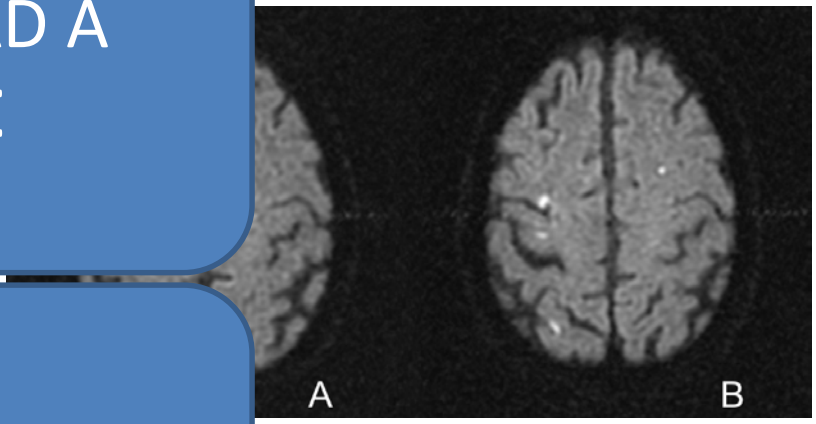
0 NEUROLOGICAL EVENT

2 MYOCARDIAL INFARCTION

0 DEATHS

MRI

ALL OF THEM HAD HAD A PREVIOUS **STROKE**

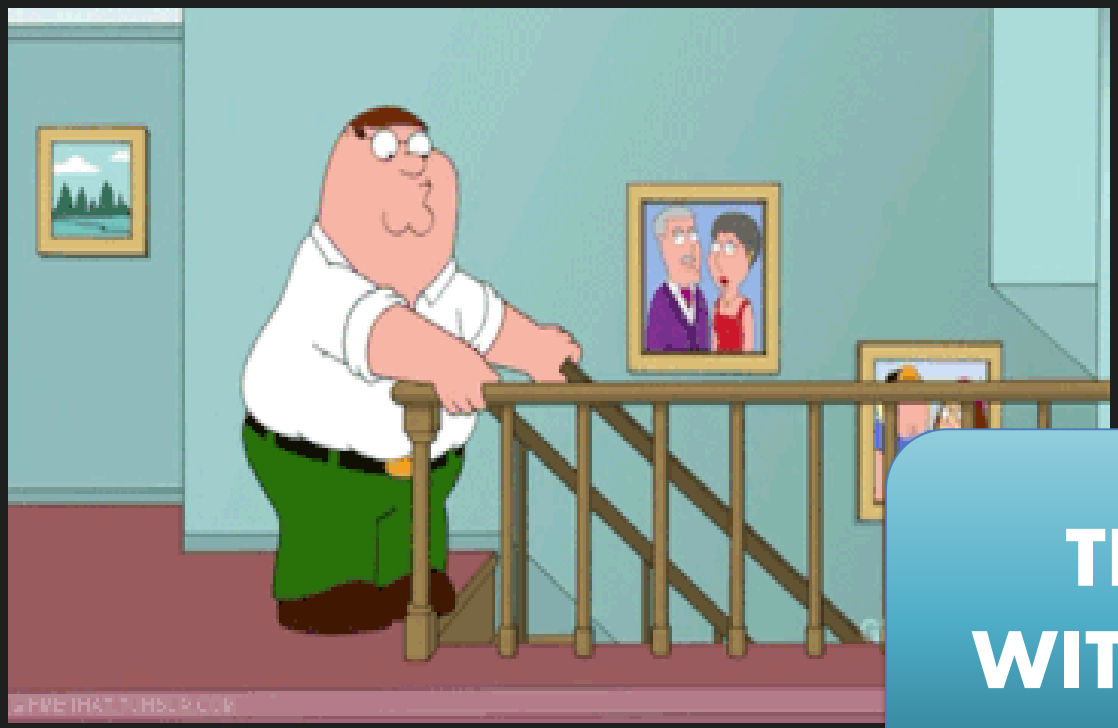


4 PATIENTS
Treatment within 14 days!

CONCLUSIONS

NO STROKE!!

BUT...



TREATMENT WITHIN 14 DAYS

THANKS!!!