





One-Year Results From a Prospective Experience on CAS Using the Cguard Stent System: THE IRONGUARD-2 STUDY

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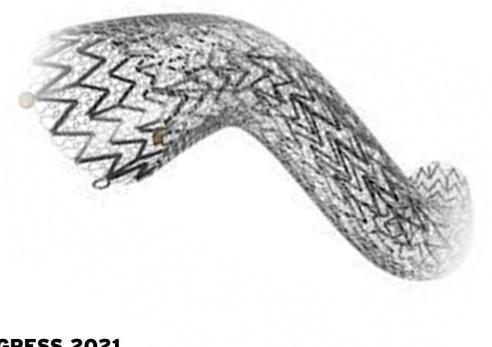
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The Registry

The aim of the present study was to evaluate periprocedural (24h), post-procedural (up to 30-day), and 12-month outcomes in a large, prospective, multicenter series of patients submitted for protected CAS with CGuard EPS dual layer stent.



733 Patients

in 20 enrolling Italian Centers







131/733 patients (17.87%)

were symptomatic

96 TIA (73.28%)

23 Minor Stroke (17.55%)

12 Major Stroke (9.17%)

Stenosis

84.97±**6.51%** (50-99)



>50% presented an high-risk carotid plaque

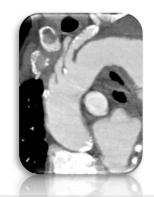
All aortic arch morphologies were enrolled in the study

Type I 369 (50.3%)

Type II 268 (36.6%)

Type III 39 (5.3%)

Bovine 57 (7.8%)





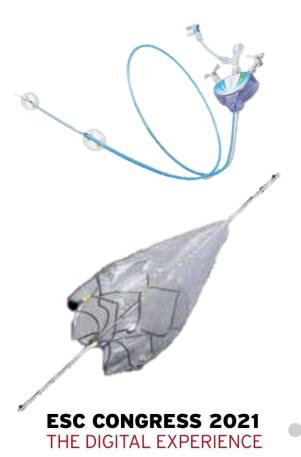




Procedural Results

Transfemoral approach 97.27%, brachial 1.63%, and transcervical approaches 1.11%

Embolic Protection Device was adopted in 99.72% of patients (Mo.Ma. in 14.62%)



Procedural success 100%

Technical success was obtained in all but one patient (99.86%) due to the impossibility to advance the CGuard EPS system: patient was consequently treated by Carotid WallStent





Results

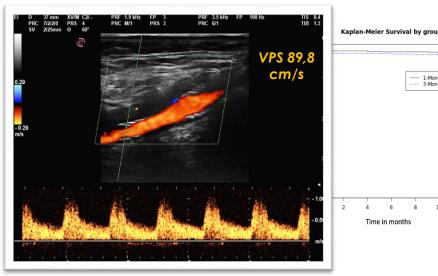


@24 hours

1 fatal haemorrhagic strokeours
Stroke 3; 0.41%
(urgent Patient teachted for cTIA); 0.13%

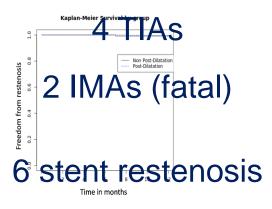
Stroke & Death 4; 0.54% 2 Minor Strokes, 6 TIAs; 0.13%

1 AMI, No Death



@12 moths

1 Minor Strokes



Kaplan-Meier Survival by group

(2 stent-in-stent)

8 deaths

ke rate 0.68%, 2 TIAs

r Strokes, 1 haemorrhagic) Is

No Death



No stent thrombosis/occlusions



Thanks to everyone

IRONGUARD 2 Study Collaborator:

Francesco Speziale (PI), Pasqualino Sirignano, Eugenio Stabile, Wassim Mansour, Laura Capoccia, Federico Faccenna, Francesco Intrieri, Michelangelo Ferri, Salvatore Saccà, Massimo Sponza, Paolo Mortola, Sonia Ronchey, Barbara Praquin, Placido Grillo, Roberto Chiappa, Sergio Losa, Francesco Setacci, Stefano Pirrelli, Maurizio Taurino, Maria Antonella Ruffino, Marco Udini, Domenico Palombo, Arnaldo Ippoliti, Nunzio Montelione, Carlo Setacci, Gianmarco de Donato, Massimo Ruggeri











