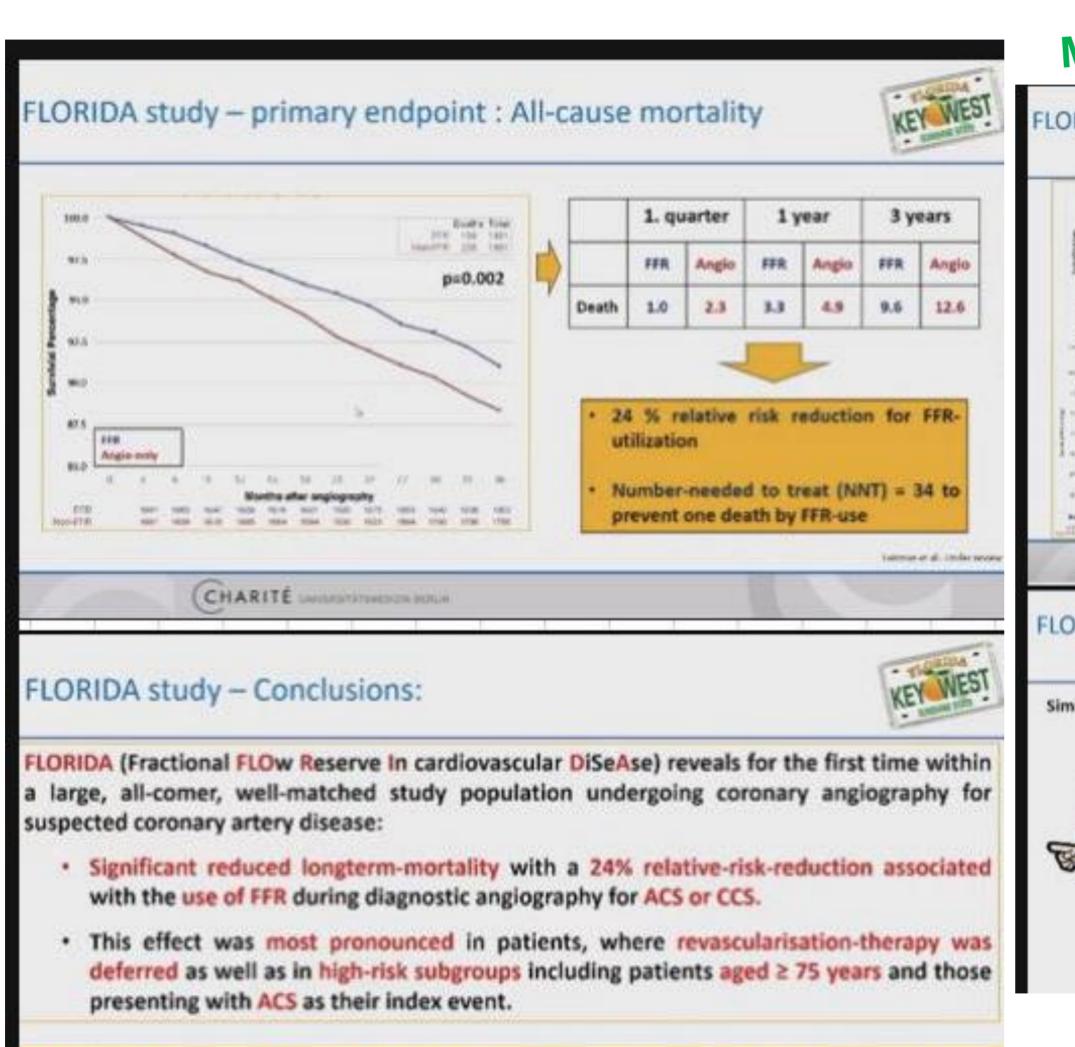


Functional versus Culprit-only Revascularization in Elderly Patients with Myocardial Infarction and Multivessel Disease: the FIRE Trial



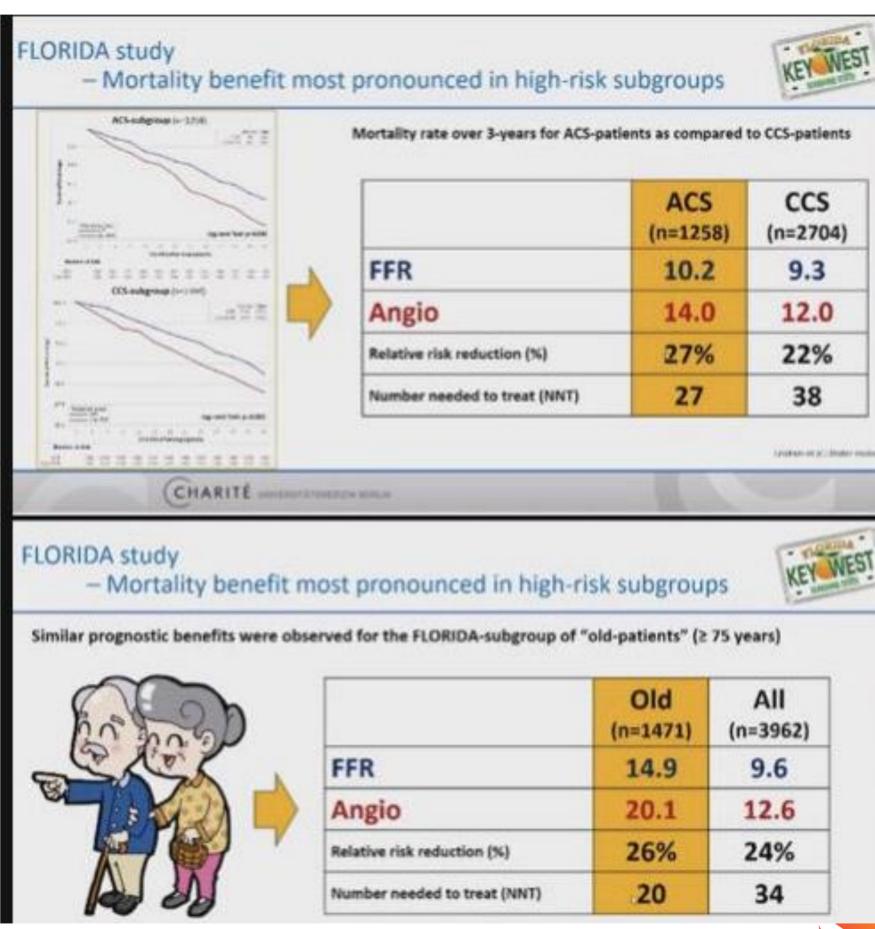
What's new



FLORIDA strengths the use of FFR in everyday clinical practice as an evidence-based

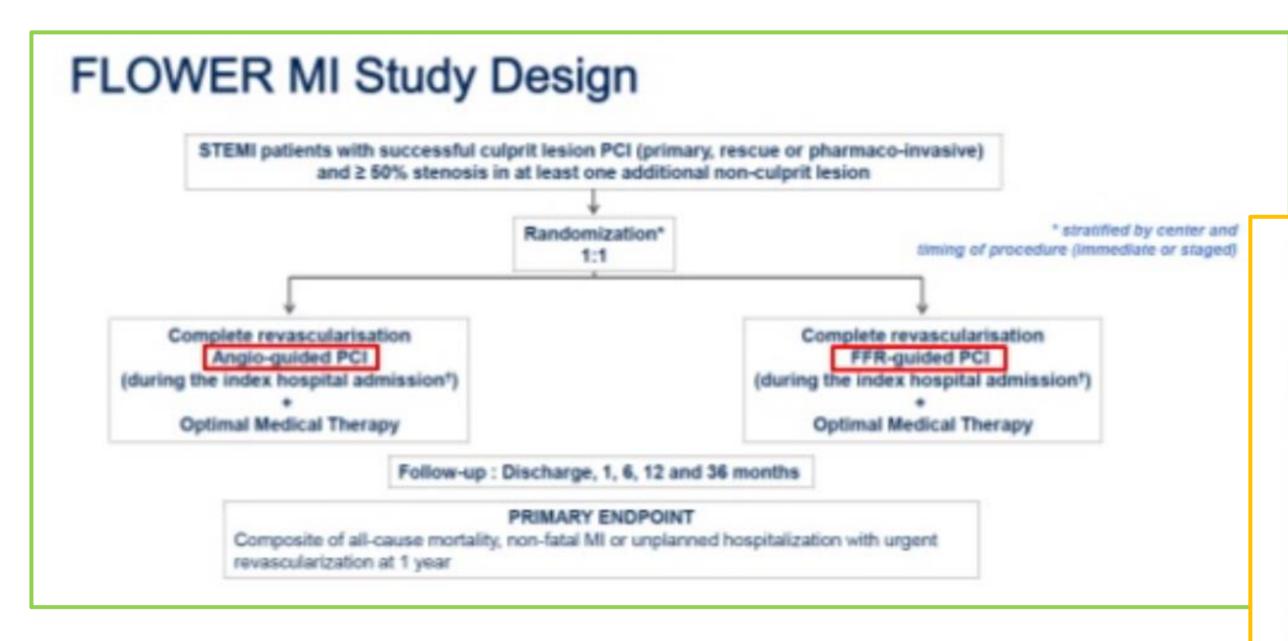
diagnostic and prognostically meaningful tool to guide coronary revascularization therapy.

From a dataset of 4 million PCI patients Matched comparison angio- vs. physio-guided Mortality reduction in ACS and older patients





What's new from ACC



Baseline characteristics

Characteristics	FFR-Guided PCI (n=586)	Angio-Guided PCI (n=577)
Age (year)	62.5 ± 11.0	61.9 ± 11.4
BMI (kg/m²)	26.7 (24.2-29.1)	26.6 (24.4-29.7)
Male	85.0	81.1
Hypertension	43.2	45.4
Diabetes mellitus	18.3	14.2
Hypercholesterolemia	39.6	41.1
Current smoker	40.1	36.4
Previous MI	7.7	5.4
Previous PCI	10.1	7.6
Previous stroke	2.7	3.0
Peripheral-vessel disease	2.7	4.0
Chronic renal insufficiency	1.9	12.1

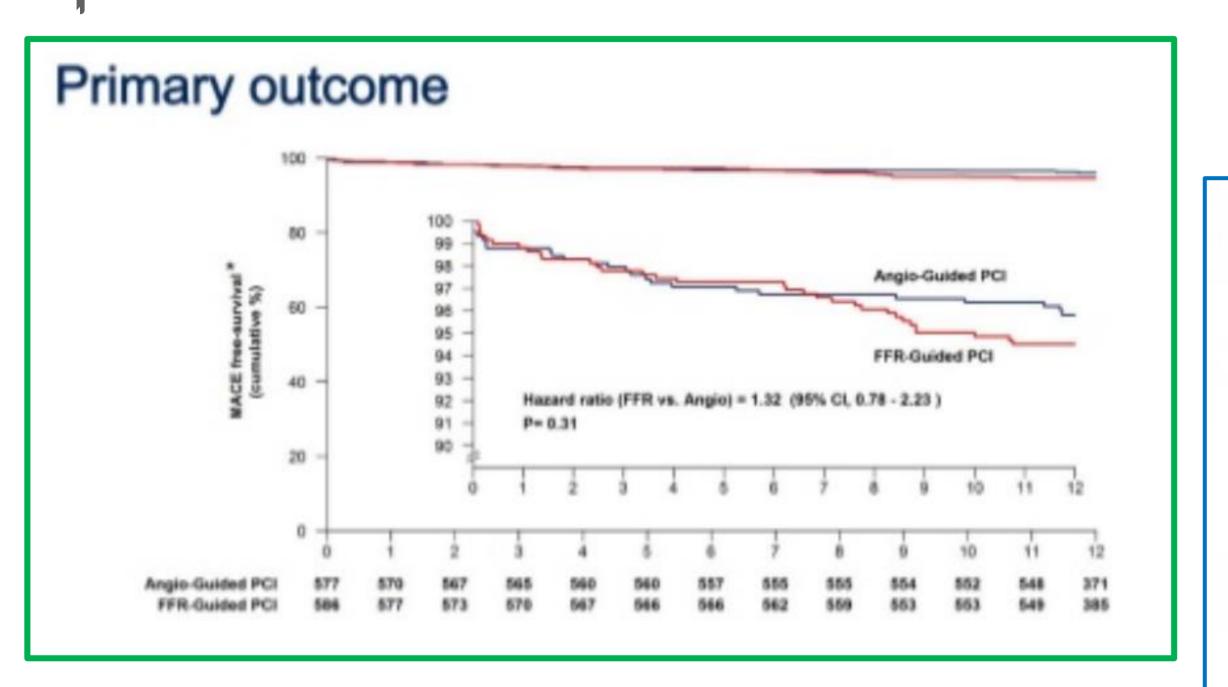
Clinical presentation	FFR-Guided PCI (n=586)	Angio-Guided PCI (n=577)	
Location of infarction			
Anterior	29.8	34.6	
Arteries with stenosis			
- 2	72.4	77.5	
- 3	25.8	19.9	
Killip class ≥ 2	6.7	5.3	
LVEF (%)	50 (45-60)	50 (45-58.3)	

Again 62 years old STEMI patients

Again Very low risk population



What's new from ACC



Primary outcome

Primary outcome at 1 year	FFR-Guided PCI (n=586)	Angio-Guided PCI (n=577)	HR (95% CI)	P Value
MACE*	5.5	4.2	1.32 (0.78-2.23)	0.31
Death from any cause	1.5	1.7	0.89 (0.36-2.20)	
Myocardial infarction	3.1	1.7	1.77 (0.82-3.84)	
Unplanned hospitalization leading to urgent revascularization	2.6	1.9	1.34 (0.62-2.92)	
 % of non-culprit lesions treated 	53.3	27.3		

Again Hypothesis 15% of 1-year primary outcome Reality 5% !?!

Again Terrific underpowered analysis



Our Current Roadmap (Hope!!!)



Start enrolment August 2019

Methodological Manuscript August 2020

700° enrolled patient October 2020

End enrolment August 2021

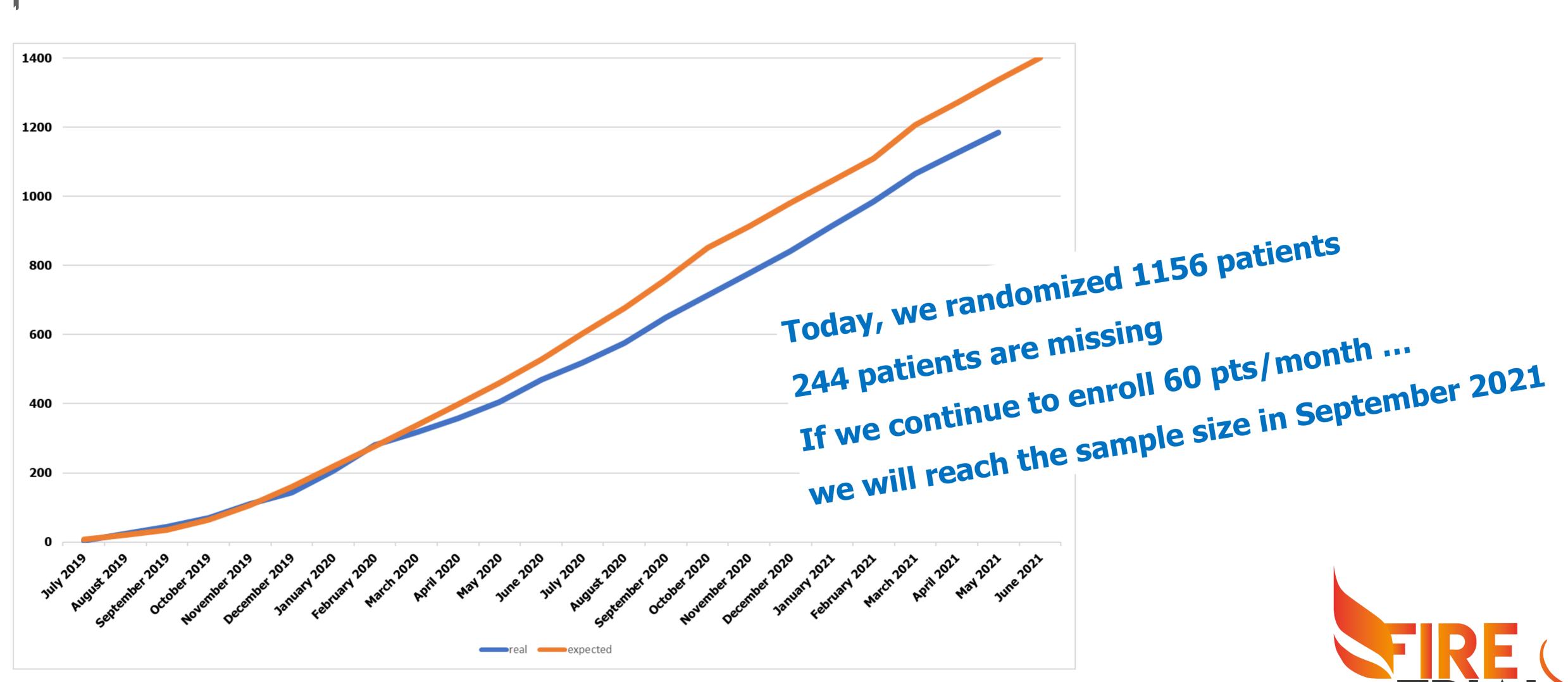
End primary endpoint follow-up August 2022

Main result presentation/publication ESC (August) 2023

Subanalyses, substudies, extended follow-up 2023-2027



Where we are ...



What we did ...

CENTERS	WEEKS IN 2021	N° OF PATIENTS ENROLLED	% ACHIEVED
FERRARA	19	89	100
REGGIO EMILIA	19	65	100
RIMINI	19	23	100
BOLOGNA MAGGIORE	19	18	95
SIRACUSA	19	17	89
TORINO RIVOLI	19	15	79
LA SPEZIA	19	11	58
MESTRE	19	10	53
VERONA BORGO TRENTO	19	8	42
GROSSETO	19	6	32

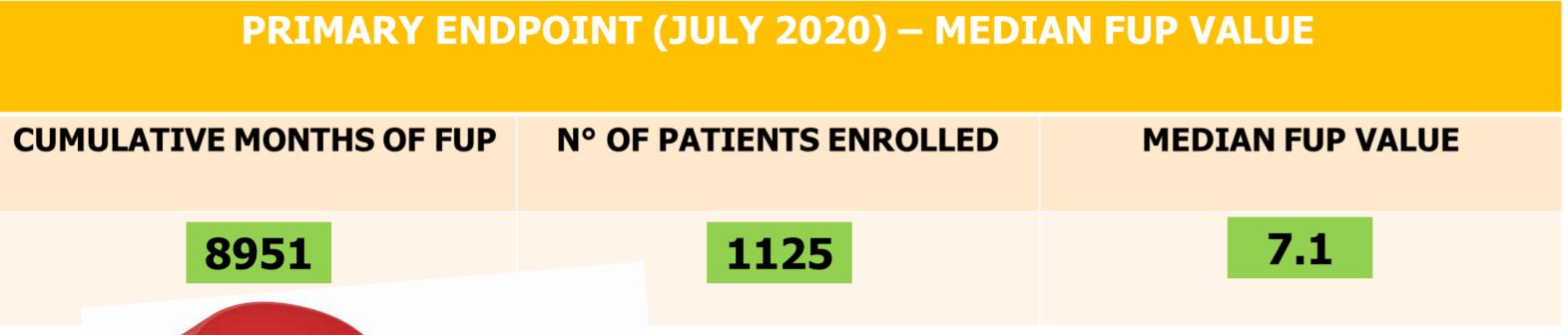
19	5	26
19	5	26
19	4	21
19	3	16
19	1	5
19	0	0
19	0	0
19	0	0
19	0	0
19	0	0
19	0	0
19	0	0
19	0	0
	19 19 19 19 19 19 19 19 19 19 19 19 19 1	19 5 19 4 19 3 19 1 19 0 19 0 19 0 19 0 19 0 19 0 19 0 19 0 19 0 19 0 19 0 19 0 19 0 19 0 19 0

What we did ...

CENTERS	WEEKS IN 2021	N° OF PATIENTS ENROLLED	% ACHIEVED
LA PAZ	19	13	68
LA FE	19	11	58
VALLADOLID	19	6	32
SAN CARLOS	19	4	21
SANTIAGO	19	1	5
VIGO	19	1	5
MARANON	19	0	0
CIUDAD REAL	19	0	0
LUGO	19	0	0
LA CORUNA	19	0	0



Monitoring of Adverse Events





SERIOUS ADVERSE EVENTS			
DEATH	ANY MI	STROKE	ANY REVASCULARIZATION
54	20	4	14

93 patients met primary endpoint criteria



Next steps - Baseline Characteristics

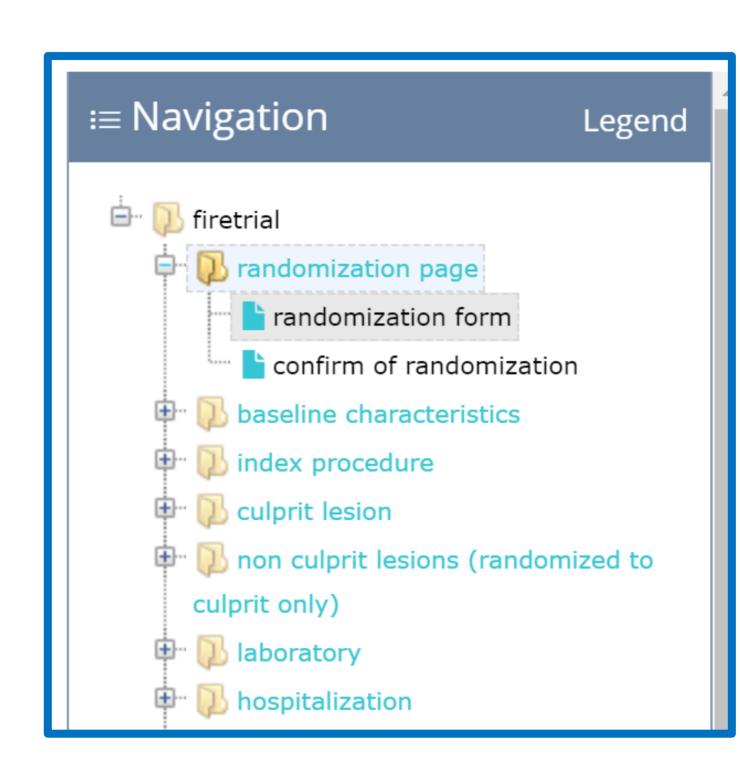




It is crucial to complete within September 2021 the baseline eCRF

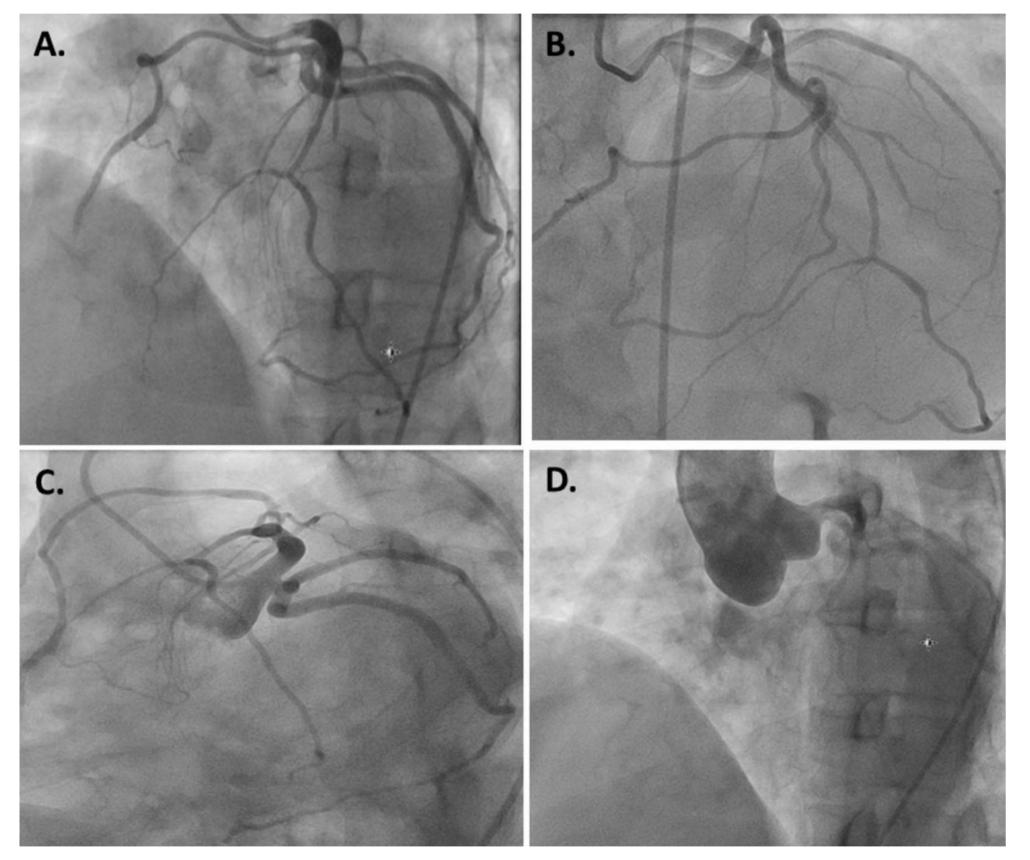
We will generate potential queries

We will help you to fill the missing pieces





Next steps — Angio Core lab



We need a copy of the index angio for the core lab

You have 2 options:

- Do a copy of the angio and we will organize the withdrawal
- We have a web-based cloud and you can upload here your cases



Next steps — Adverse event adjudication



The CEC started its activities

What we need:

- Report as soon as possible the adverse events
- Send us source docs for the adjudication
- We will contact you to complete 1-year follow-up

