Symptomatic subjects
(N=425)

High risk asymptomatic subjects
(N=209)

Panbio™ COVID-19 ag rapid test device
Sensitivity: 93.7%
Specificity: 87.0%
Positive 7.66%

Panbio™ COVID-19 ag rapid test device
Sensitivity: 72.2%
Specificity: 93.8%
Positive 8.47%
**Inclusion criteria**
- Age > 18 years-old
- HF diagnosis (ESC 2021 Guidelines)
- De novo and chronic decompensated HF
- All etiologies, LVEF values and comorbidities
- Informed consent

**The Spanish Heart Failure Registry (RICA-2)**

**Inclusion visit**

**AHF decompensation**

**Stable patient**

Follow-up **30 days**
(only in AHF)

Follow-up **1 year**

Follow-up **2 years**

**Comorbidities**

**Frailty**

**Functional status**

**Nutritional status**

**Cognitive status**

**Congestion**
(only in AHF)

- Mortality
- Hospital readmission
- HF treatment optimization

AHF: acute heart failure; HF: heart failure; LVEF: left-ventricle ejection fraction.
AF
Independent risk factor for dementia

A. Silent brain infarction
B. Cerebral hypoperfusion
C. Inflammation

Elderly AF patients
Underuse of anticoagulation

Anticoagulation in AF patients
Onset of dementia and progression of cognitive decline

DOAC, a better option vs. VKAs?

43.6 millions AF
50 millions dementia

AF = atrial fibrillation