



ISC CARDIOLOGY CENTERS NETWORK

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Study Center of the Italian Society of Cardiology



SOCIETÀ ITALIANA DI CARDIOLOGIA

BACKGROUND AND PURPOSE



The Study Center has carried out a census of Cardiology Centers belonging to the Italian Society of Cardiology in order to have an updated overview of the potential of our 'network' in the field of preclinical and clinical research.

The data, which are currently available, refer to the activity performed in 22 Cardiology Centers in Italy during 2013



LIST OF CARDIOLOGY CENTERS THAT HAVE JOINED THE CENSUS

- Ospedale Torrette. Ancona (Prof. Capucci)
- Università degli Studi dell'Aquila. L'Aquila (Prof. Penco)
- Università degli Studi e Spedali Civili. Brescia (Prof. Metra)
- Ospedale San Giovanni di Dio. Cagliari (Prof. Meloni)
- Policlinico Universitario. Cagliari (Prof. Mercurio)
- Università Magna Grecia. Campus Germaneto. Catanzaro (Prof. Indolfi)
- Azienda Ospedaliera Universitaria O.O.R.R. Foggia (Prof. Di Biase)
- IRCCS Azienda Ospedaliera Universitaria San Martino. Genova (Prof. Brunelli)
- Policlinico Universitario. Messina (Prof. Oreto)
- Istituto Clinico Humanitas IRCCS. Milano (Prof. Condorelli)
- Istituto Scientifico Universitario San Raffaele. Milano (Prof. Camici)
- Ospedale San Luca -Centro Auxologico- Milano (Prof. Parati)
- Policlinico Universitario Federico II. Napoli (Prof. Trimarco)
- Ospedale Maggiore della Carità. Novara (Prof. Marino)
- Policlinico P. Giaccone. Palermo (Prof. Novo)
- Ospedale S. Maria della Misericordia. Perugia (Prof. Ambrosio)
- Ospedale S. Andrea di Roma. Roma (Prof. Volpe)
- Policlinico Campus Biomedico. Roma (Prof. Di Sciascio)
- Policlinico Umberto I. Roma (Prof. Fedele)
- Azienda Universitaria Sassari. Sassari (Prof. Ganau)
- Azienda Ospedaliera Universitaria San Giovanni Battista. Torino (Prof. Gaita)
- Azienda Ospedaliero Universitaria Ospedali Riuniti. Trieste (Prof. Sinagra)



CLINICAL ACTIVITY

HOSPITAL STAFF

Attendings: n = 403

Supported by grant: n = 33

Cardiologists in training: n = 615

Nurses: n = 799

Technologists: n = 65

Administrative personnel: n = 58



DESCRIPTION OF SERVICES

INPATIENT RESOURCES



Cardiology centres: n = 22
Inpatient wards: 635 beds total

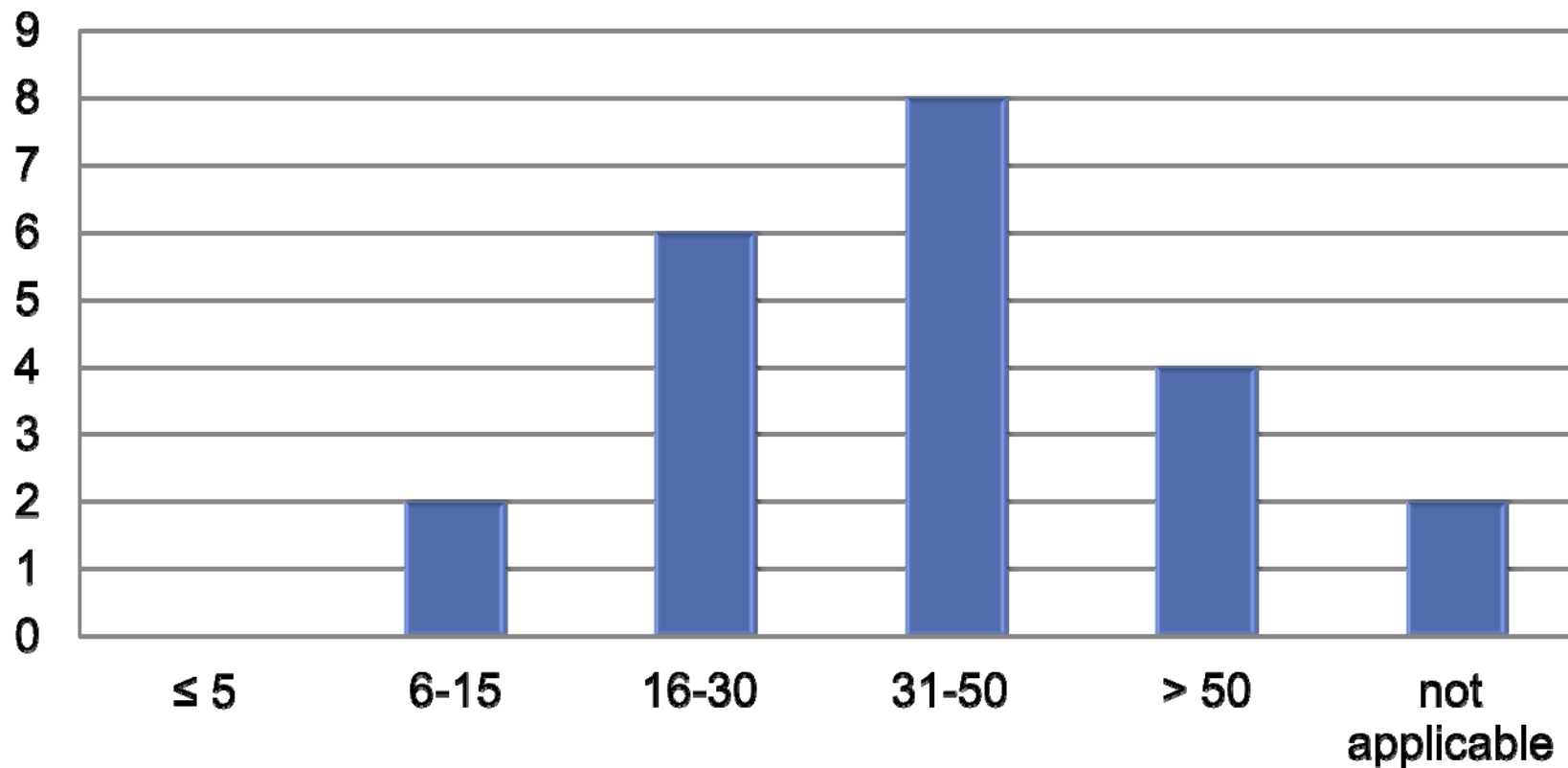
Coronary Care Units: n = 19
Critical care: 158 beds total



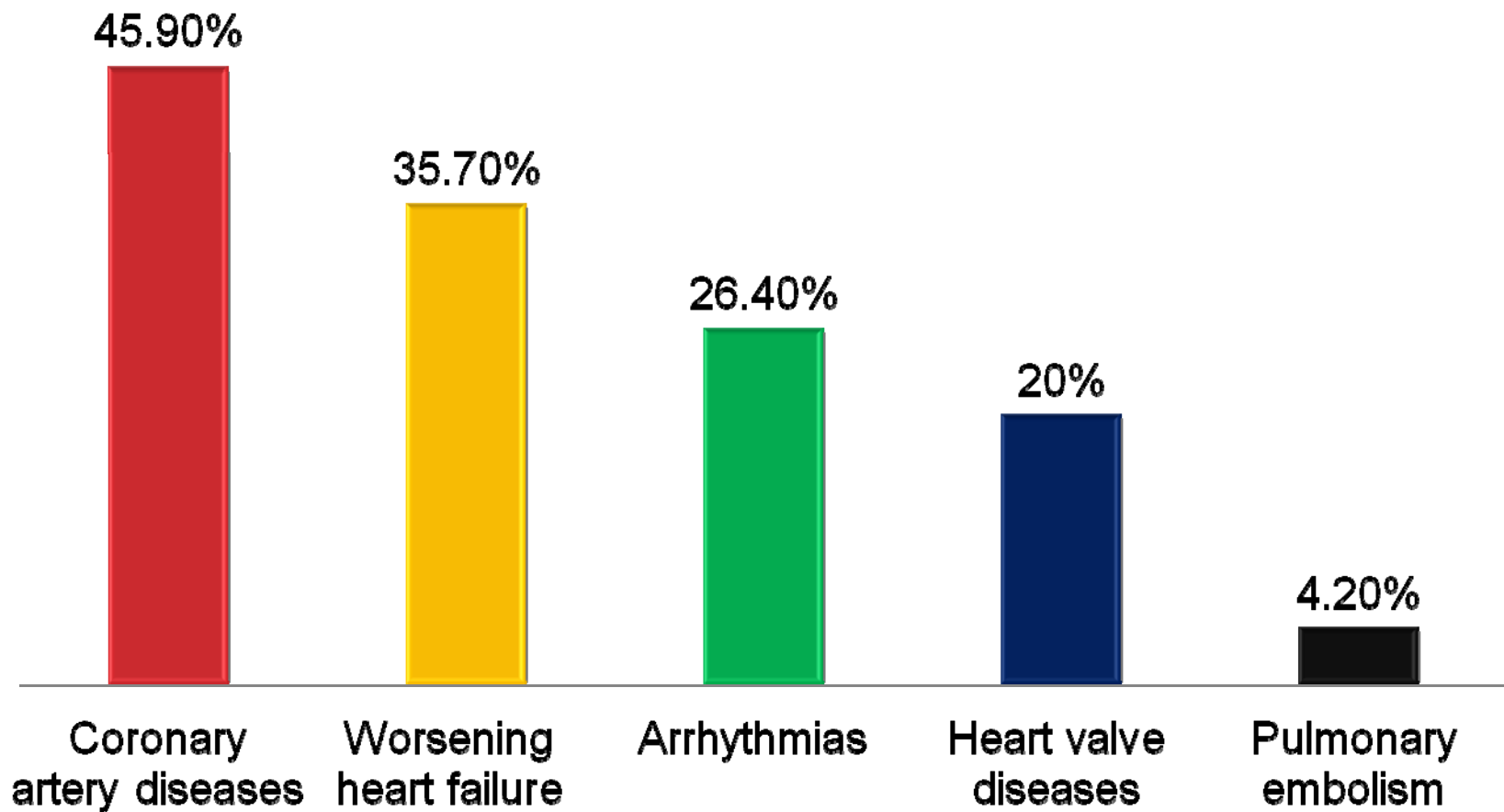
AVERAGE NUMBER OF ADMISSIONS PER WEEK



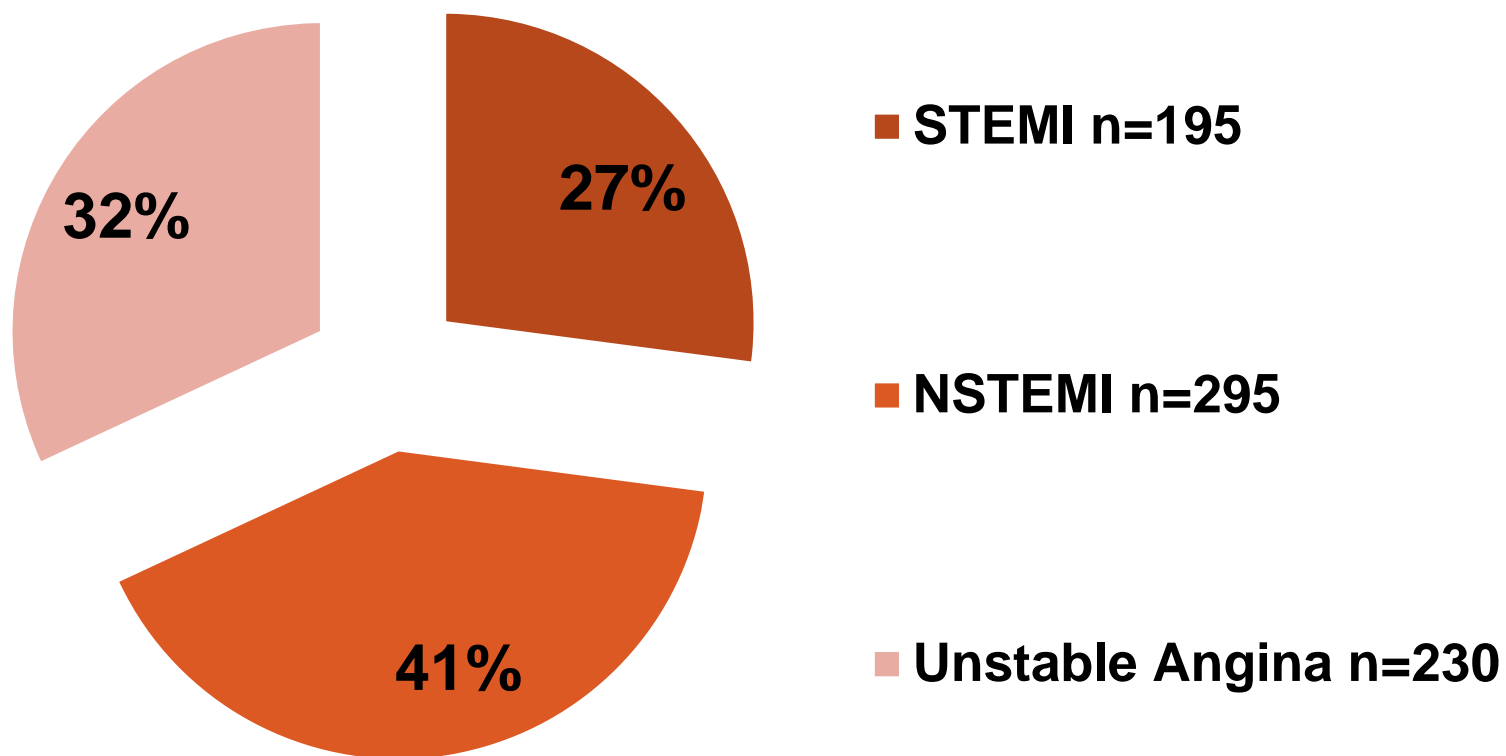
Mean number of hospitalizations/week



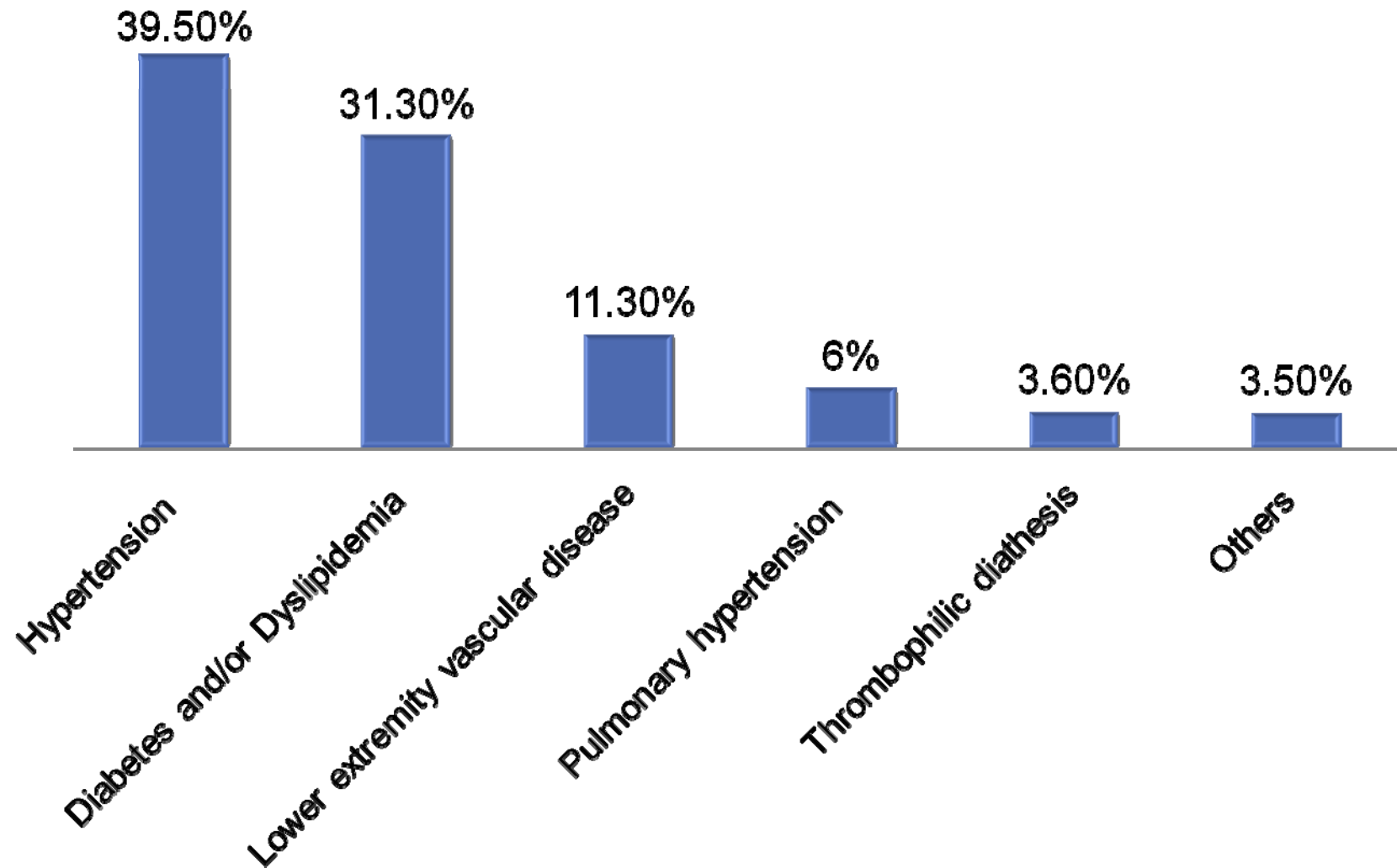
LEADING CAUSES OF HOSPITALISATION



AVERAGE NUMBER OF ADMISSIONS FOR ACUTE CORONARY SYNDROME PER WEEK



PREVALENCE OF COMORBIDITIES IN HOSPITALIZED PATIENTS



DESCRIPTION OF SERVICES

CATH LABS



Number of centres: 21/22

2013 activity:

Coronary Angiographies: n = 26.774

Percutaneous interventions: n = 12.769

TAVI: n = 441

Mitraclip: n = 142



DESCRIPTION OF SERVICES

ELECTROPHYSIOLOGY

(CENTERS FOR HEART RHYTHM DISORDERS)



Number of Centers: 21/22

2013 activity:

Single chamber PM implantation: n = 2.128

PM replacement: n = 2.616

CRT: n = 1.371

Dual chamber PM implantation: n = 1.890

ICD implantation: n = 942

ICD replacement: n = 512



DESCRIPTION OF SERVICES REHABILITATION CENTRES



Rehabilitation centers: $n= 9/22$

Average patients per year: $n= 5.293$



DESCRIPTION OF SERVICES

NON-INVASIVE TESTING



	Number of centers
Transthoracic echocardiography	22/22
Transesophageal echocardiography	22/22
Stress echocardiography	22/22
Contrast echocardiography	18/22
Vascular ultrasound	17/22
Exercise testing	22/22
Tilt-up test	16/22
24-hour blood pressure monitoring	17/22
Holter monitoring	22/22



DESCRIPTION OF SERVICES

OUTPATIENT CLINICAL ACTIVITY



Outpatient Clinics	Number of centers	Average number of outpatient visits per year
Coronary Artery Disease	19/22	26.157
Heart Failure	21/22	15.470
Heart Rhythm Disorders	19/22	18.157
Cardiac Surgery	8/22	3.920
Non Surgical Valve Implantation	13/22	7.935
Pediatric Cardiology	4/22	5.880
GUCH	10/22	1.690
Peripheral Vascular Disease	9/22	2.530
Pulmonary Hypertension	14/22	945



OTHER SPECIALIZED SERVICES

CARDIAC SURGERY



Number of centers: 17



OTHER SPECIALIZED SERVICES

NUCLEAR MEDICINE



Number of centers: 18



OTHER SPECIALIZED SERVICES

RADIOLOGY



Cardiac CT scan
number of centers = 20

Cardiac MRI:
number of centers = 18





RESEARCH ACTIVITIES

RESEARCH STAFF



PhD Candidates: n = 47

Postdoctoral Fellows: n = 22

Data Managers: n = 10

Research Coordinators: n = 13

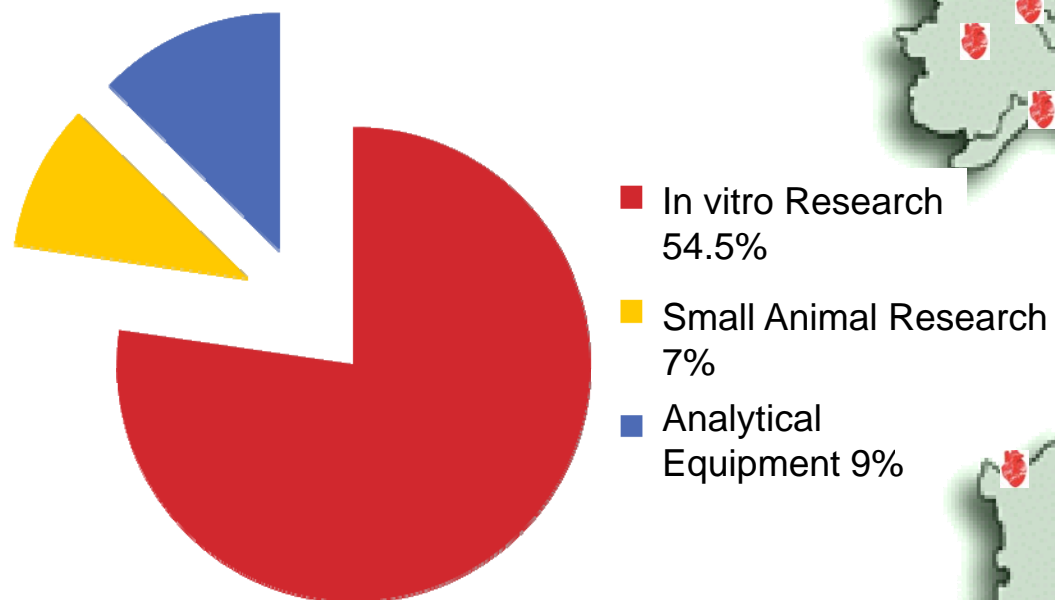
Research Nurses: n = 6



PRECLINICAL RESEARCH



Number of centers: 18/22



Genetic Screening Laboratory: 10/22

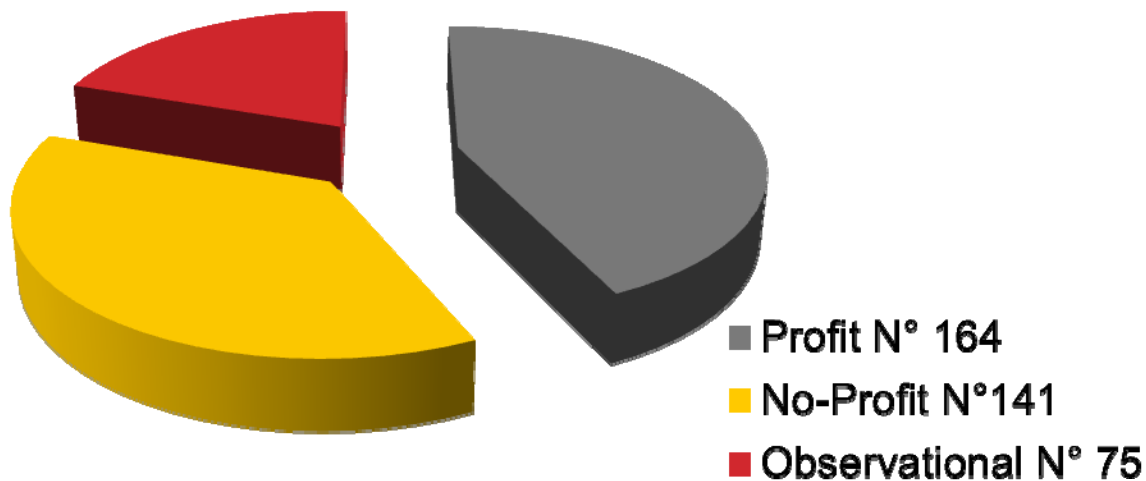


CLINICAL RESEARCH



Year	Research Projects	Patients enrolled
2012	188	6.221
2013	232	30.533

Clinical Trials 2013





CENSUS REPORT

By the Study Center of the Italian Society of Cardiology

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