MULTIMODALITY CARDIAC IMAGING UNIT
Funding year: March 2014
IRCCS Policlinico San Donato, Milan, Italy

MEMBERS
Former Members: Massimo Lombardi, MD; Antonia Camporeale, MD; Francesca Pluchinotta, MD; Francesco Secchi, MD, PhD; Francesco Bandera, MD, PhD; Giuliano Giusti, MD, Silvia Pica MD.
Italian and International Fellows: Gabriella Di Giovin, MD; Natalia Gomez MD.
Involvement with SCMR: Active Members

COLLABORATIONS
Collaborations with internal Departments involved in Cardiac Care of Adult and Pediatric patients. Research and Clinical Cooperations with others Institutions such as Politecnic of Milan, UCL Institute of Cardiovascular Science in London, San Raffaele University and Research Hospital in Milan, Careggi Hospital in Florence, San Gerardo Hospital in Monza, San Giovanni Bosco Hospital in Turin

PROJECTS
4D FLOW IN POST-ISCHEMIC DILATED CARDIOMYOPATHY, AORTIC DISEASE AND CONGENITAL HEART PATIENTS
TI MAPPING IN DILATED CARDIOMYOPATHY, FABRY DISEASE, AND CHD
STRAIN IN MYOCARDITIS
STRESS TEST IN ANOMALOUS ORIGIN OF THE CORONARY ARTERIES AND KAWASAKI DISEASE
3D RECONSTRUCTION AND SIMULATION OF COMPLEX SURGICAL PROCEDURES

WHAT SCMR WILL BE IN 20 YEARS
The flexibility of CMR will be further enhanced allowing sophisticate quantitative measurements of functional aspects. Assessment of myocardial metabolism will become the hot topic as a clinical relevant tool.