



10th
ANNIVERSARY

European
MR/CT Registry



MR/CT-Registry
in Europe 2023


... be a part of it!
www.mrct-registry.org

Aims of MR/CT Registry

- 1 Combined Registry**
for Cardiac MR and Cardiac CT
- 2 Document and certify the Cardiovascular Examinations**
of ESCR members and institutions
(*↳ Prerequisite for Cardiovascular Diploma Application!*)
- 3 Establish Multicenter Trials**
in Cardiac Imaging
- 4 Establish a Platform** to document the Prognostic
impact of Cardiac Imaging procedures (MR + CT)
on patients outcome



How to register?



EUROPEAN MR/CT REGISTRY
EUROPEAN SOCIETY OF
CARDIOVASCULAR RADIOLOGY


Document and certify your cardiovascular examinations!

Welcome to the European MR/CT Registry

MR/CT Registry Login
> Please click here to [login](#)

MR/CT Centre Registration Form
> Please click here to register a new centre

MR/CT User Registration Forms
> Please click here to register a new physician
> Please click here to register a new medical technical assistant

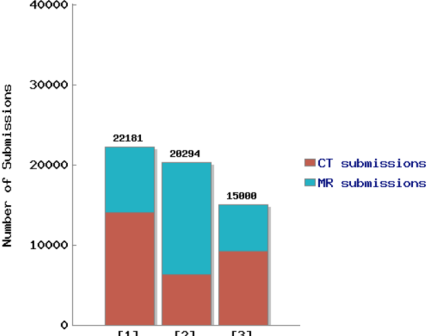
User manuals available in:


[Privacy statement](#)

MR/CT Overall numbers per 25. Jan 2023:
- 420 participating institutes from 37 countries
- 2132 contributing users
- 193210 CT and 218318 MR submissions


To get an overview of the newest updates, statistics and numbers on the MR/CT Registry [download the MR/CT Booklet](#).

Top three contributors to the MR/CT Registry



Contributor	CT submissions	MR submissions	Total
[1]	14000	8181	22181
[2]	6000	14294	20294
[3]	9000	6000	15000

THE EUROPEAN MR/CT REGISTRY IS A PROJECT OF THE EUROPEAN SOCIETY OF CARDIOVASCULAR RADIOLOGY



MR/CT REGISTRY
Am Gestade 1 | 1010 Vienna | Austria
Phone: +43 1 5334064909 | Email: office@escr.org

**First register your center,
then yourself**

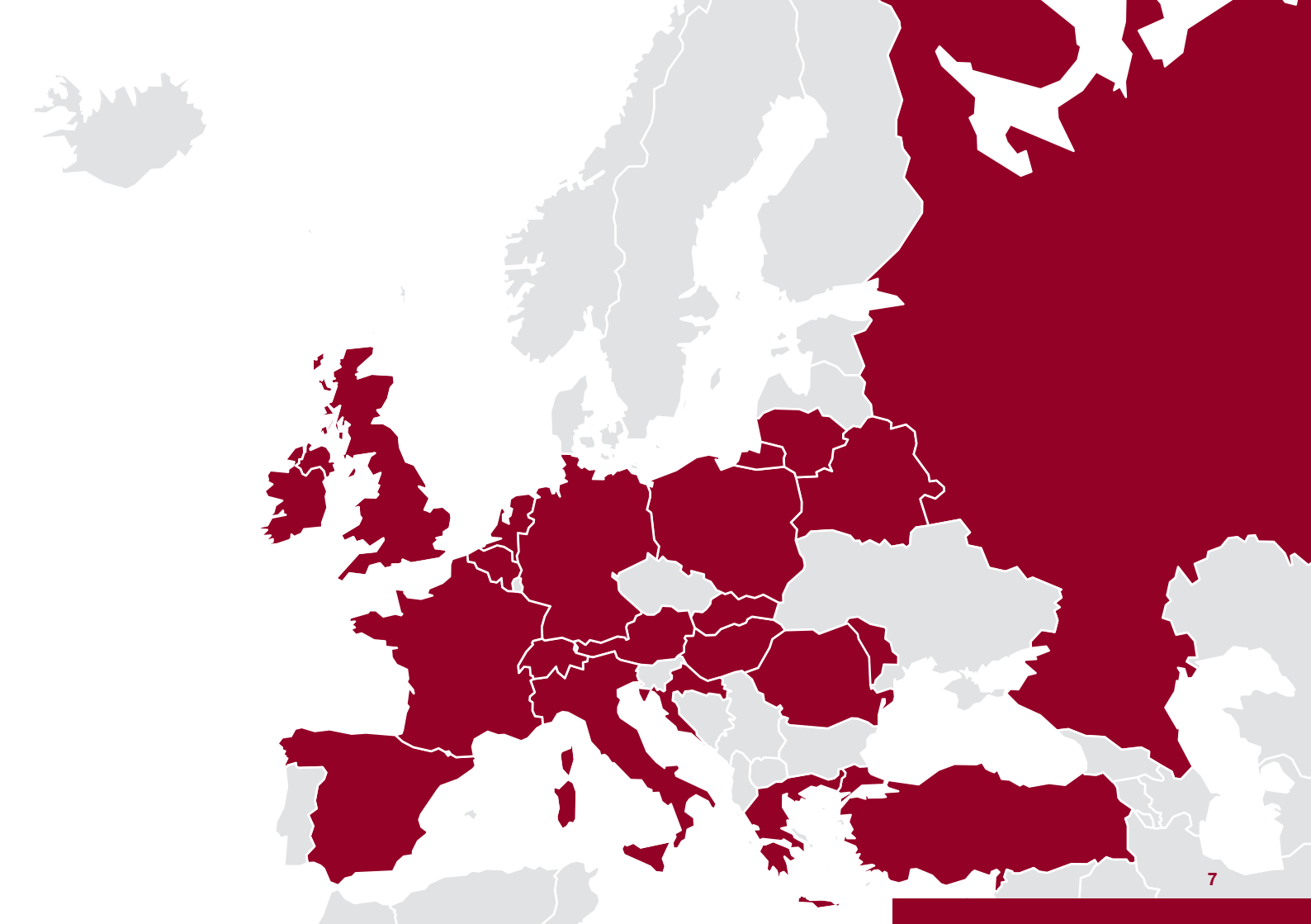
Participating Countries

Austria	Lithuania
Bangladesh	Luxembourg
Belarus	Netherlands
Belgium	Poland
Bulgaria	Portugal
Canada	Republic Of Moldova
Croatia	Romania
France	Russia
Germany	Serbia
Greece	Slovakia
Hungary	Slovenia
Iceland	Spain
Ireland	Switzerland
Italy	Turkey
Kazakhstan	Ukraine
Latvia	United Kingdom



Active Countries MDCT 2022

Austria	Republic Of Moldova
Bangladesh	Romania
Belarus	Russia
Belgium	Slovakia
Canada	Spain
Croatia	Switzerland
France	Turkey
Germany	United Kingdom
Greece	
Hungary	
Ireland	
Italy	
Kazakhstan	
Lithuania	
Netherlands	
Poland	



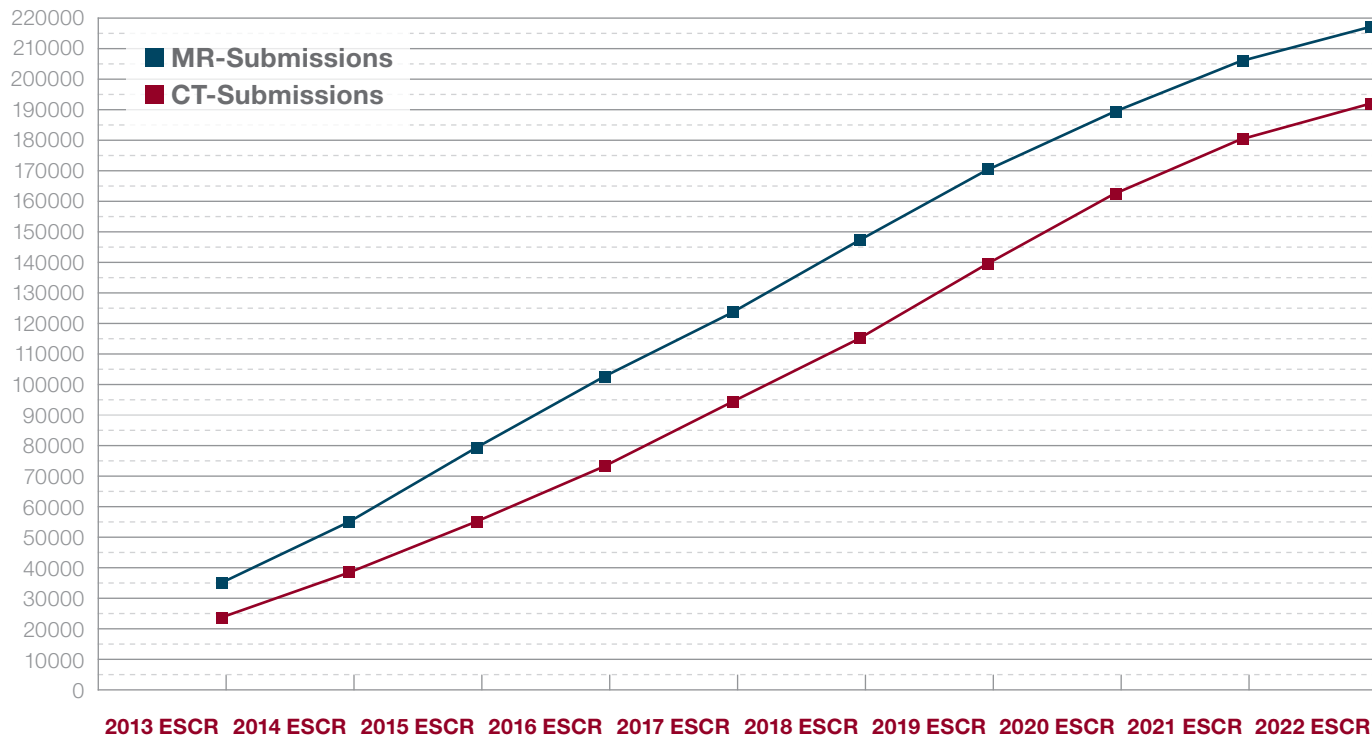
Active Countries MRI 2022

Austria	Russia
Bangladesh	Spain
Belarus	Switzerland
Belgium	Turkey
Croatia	United Kingdom
France	
Germany	
Greece	
Iceland	
Italy	
Kazakhstan	
Lithuania	
Netherlands	
Poland	
Republic Of Moldova	
Romania	



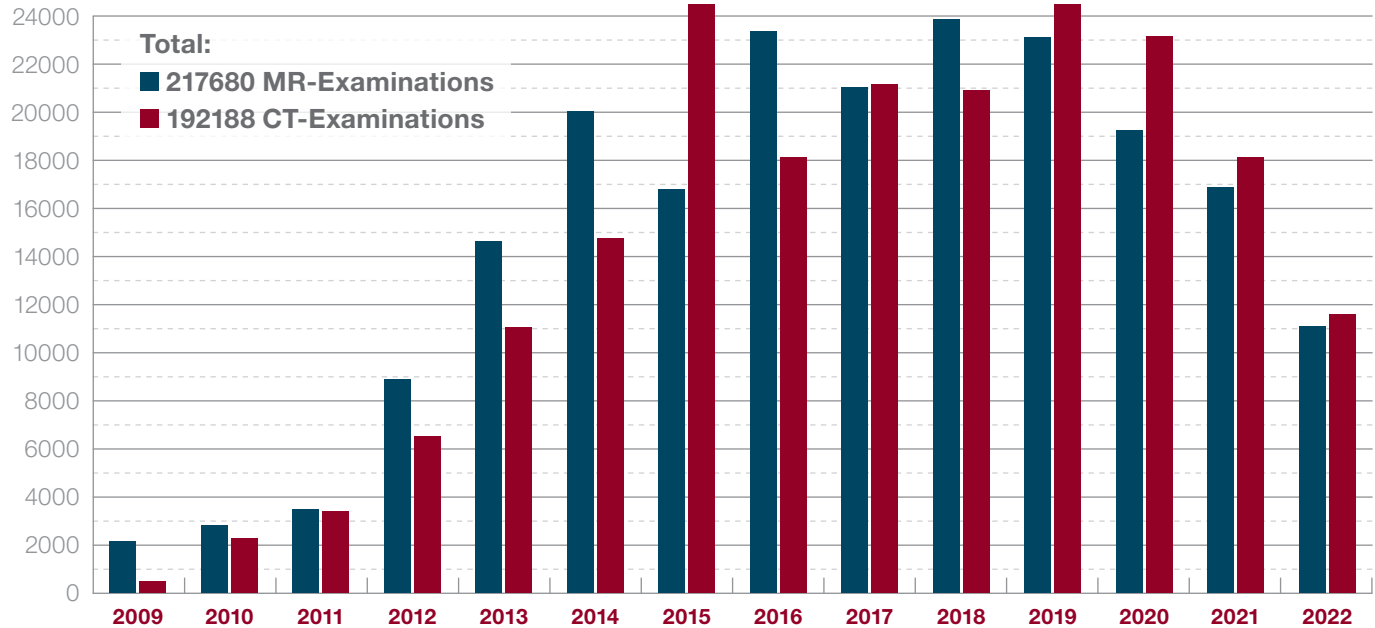
MR & CT Submissions

(15/01/2023)



MR & CT Examinations

(15/01/2023)



- » Examinations acquired before 2007 cannot be submitted
- » AIM: Submission of all present Cardiac MR/CT-Examinations

Main CT Indications

(15/01/2023)

Suspected CAD	113177
Known Valve Disease	14105
Other indication	13865
Known CAD	12385
Visualisation of Pulmonary Veins	12393
Visualisation of Coronary Veins	3366
Suspected Valve Disease	1966
Known Congenital Heart Disease (CHD)	1550
Suspected Cardiac Tumour	766
Suspected Congenital Heart Disease (CHD)	655
Known Cardiomyopathy	502
Suspected Cardiomyopathy	452
Suspected Myocarditis	285
Known Cardiac Tumour	176
Known Myocarditis	129
Suspected HTx Allograft Vasculopathy	122
Suspected HTx Rejection	28



Main MR Indications

(15/01/2023)

Suspected Myocarditis	55591
Suspected CAD	46427
Suspected Cardiomyopathy	42112
Known CAD	35297
Other indication	23425
Known Valve Disease	7205
Known Congenital Heart Disease (CHD)	6846
Known Cardiomyopathy	5440
Visualisation of Pulmonary Veins	4185
Suspected Valve Disease	4155
Known Myocarditis	3816
Suspected Cardiac Tumour	3617
Suspected Congenital Heart Disease (CHD)	2272
Known Cardiac Tumour	775
Visualisation of Coronary Veins	246
Suspected HTx Rejection	150
Suspected HTx Allograft Vasculopathy	40

Cardiac CT

(15/01/2023)

Slice Number	Number of Selection
256	64789
64	41800
384	39096
128	32260
320	9213
80	2926
160	752
640	418
16	384
40	359
288	121
8	101
32	90
2	28
> 700	13
144	10
4	7
6	5
no selection	5
10	1

Cardiac MR

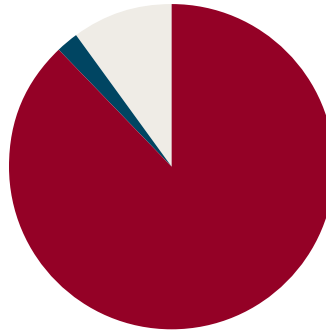
(15/01/2023)

Field strength	Number of Selection
1.5 T	178783
3.0 T	38088
1.0 T	946
1.2 T	8
7.0 T	6
	1

Stress-MR (n=46849)

(15/01/2023)

- Stress-Adenosin (88 %)
- Stress-Dobutamin (2%)
- Stress-Regadenoson (10%)

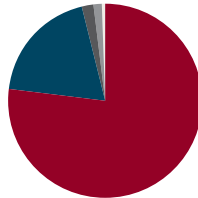


Who did the CMR reporting

(15/01/2023)

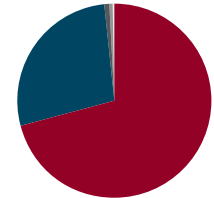
CT

- Radiologist (77.2 %)
- Consensus Reading (19.1 %)
- Other (1.9 %)
- Separate Reading (1.5 %)
- Cardiologist (0.4 %)



MR

- Radiologist (71.0 %)
- Consensus Reading (27.4 %)
- Other (1.0 %)
- Cardiologist (0.4 %)
- Separate Reading (0.2 %)





ESCR

EUROPEAN SOCIETY OF
CARDIOVASCULAR
RADIOLOGY

European MR/CT Registry

www.mrct-registry.org

