



European  
MR/CT Registry



MR/CT-Registry  
in Europe 2025


*... be a part of it!*  
[www.mrct-registry.org](http://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 Submission Login](#)

- Register a new centre
- Register a new physician
- Register a new MTA

Download user manual



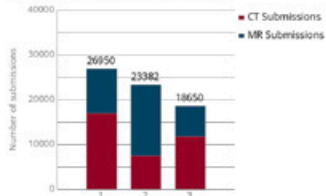
To get an overview of the newest updates, statistics and numbers on the MR/CT Registry download the MR/CT Booklet.

[MR/CT Booklet](#)

**MR/CT overall numbers per 30. Jan 2025**

- 247281 MR submissions
- 236944 CT submissions
- 2459 contributing users
- 482 participating institutes from 38 countries

**Top three contributors to the MR/CT Registry**



Rank	Institute	MR Submissions	CT Submissions	Total
1	University Hospital Erlangen, Erlangen	16950	9000	26950
2	Paracelsus Medizinische Privatuniversität Nürnberg, Nürnberg	7000	16382	23382
3	Universitätsmedizin Mainz, Mainz	11000	7650	18650

1 University Hospital Erlangen, Erlangen  
2 Paracelsus Medizinische Privatuniversität Nürnberg, Nürnberg  
3 Universitätsmedizin Mainz, Mainz

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

Argentina

Austria

Bangladesh

Belarus

Belgium

Bulgaria

Canada

Croatia

France

Germany

Greece

Hungary

Iceland

India

Ireland

Italy

Kazakhstan

Latvia

Lithuania

Luxembourg

Mexico

Netherlands

Poland

Portugal

Republic Of Moldova

Romania

Russia

Serbia

Slovakia

Slovenia

Spain

Switzerland

Türkiye

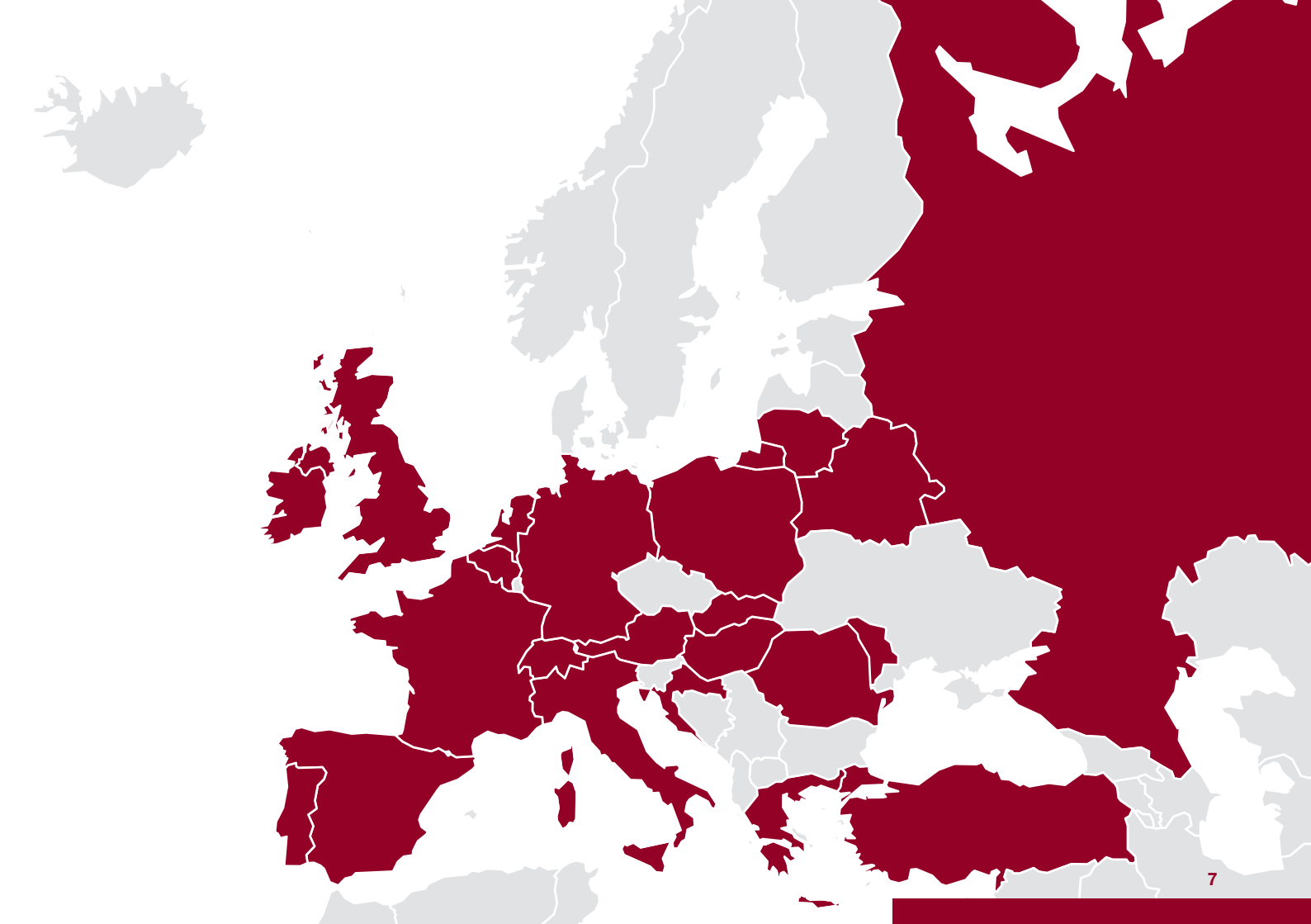
Ukraine

United Kingdom



## Active Countries MDCT 2024

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



## Active Countries MRI 2024

Austria

Bangladesh

Belarus

Belgium

Croatia

France

Germany

Greece

Iceland

Italy

Kazakhstan

Lithuania

Netherlands

Poland

Republic Of Moldova

Romania

Russia

Spain

Switzerland

Türkiye

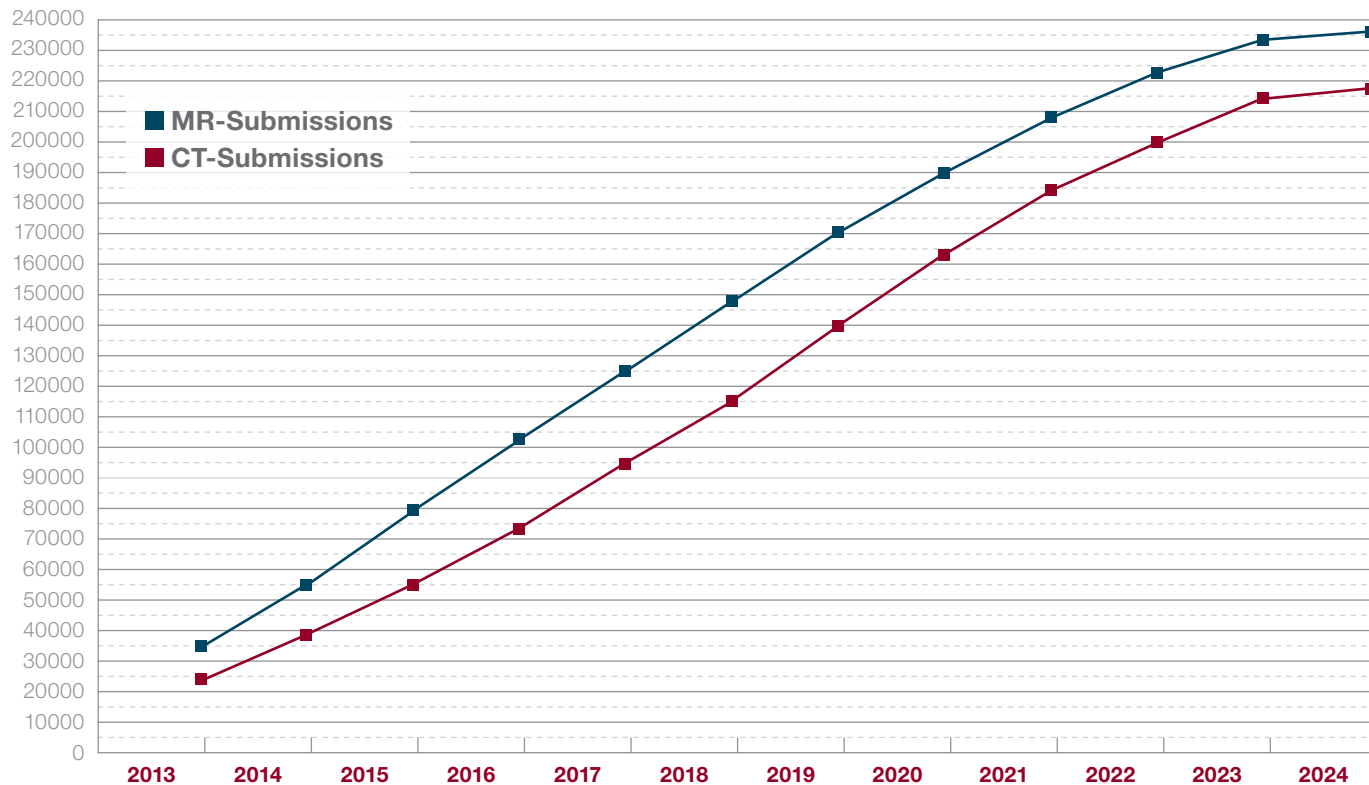
United Kingdom





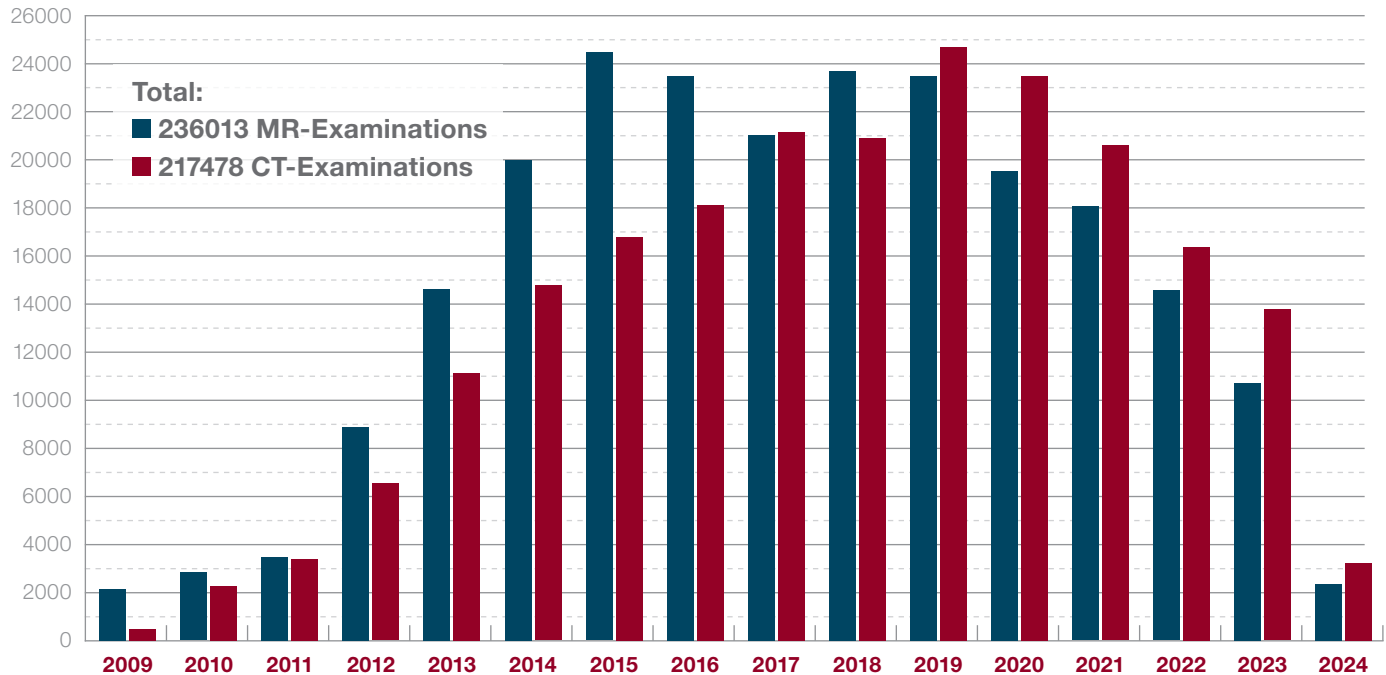
# MR & CT Submissions

(01/01/2025)



# MR & CT Examinations

(01/01/2025)



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

## Main CT Indications

(01/01/2025)

Suspected CAD	129056
Other indication	16550
Known Valve Disease	15979
Visualisation of Pulmonary Veins	14093
Known CAD	13600
Visualisation of Coronary Veins	4041
Suspected Valve Disease	2130
Known Congenital Heart Disease (CHD)	1621
Suspected Cardiac Tumour	851
Suspected Congenital Heart Disease (CHD)	696
Known Cardiomyopathy	527
Suspected Cardiomyopathy	481
Suspected Myocarditis	301
Known Cardiac Tumour	185
Known Myocarditis	134
Suspected HTx Allograft Vasculopathy	123
Suspected HTx Rejection	30



## Main MR Indications

(01/01/2025)

Suspected Myocarditis	61664
Suspected CAD	50510
Suspected Cardiomyopathy	45664
Known CAD	38114
Other indication	25625
Known Valve Disease	7513
Known Congenital Heart Disease (CHD)	7155
Known Cardiomyopathy	5793
Suspected Valve Disease	4394
Visualisation of Pulmonary Veins	4333
Known Myocarditis	4136
Suspected Cardiac Tumour	3855
Suspected Congenital Heart Disease (CHD)	2352
Known Cardiac Tumour	811
Visualisation of Coronary Veins	255
Suspected HTx Rejection	152
Suspected HTx Allograft Vasculopathy	43

## Cardiac CT

(01/01/2025)

Slice Number	Number of Selection
256	74248
64	45157
384	43835
128	36995
320	9648
80	3804
160	1027
640	808
288	686
16	388
40	362
32	156
144	101
8	101
512	48
> 700	39
2	33
192	24
4	7
6	5
no selection	5
10	1

## Cardiac MR

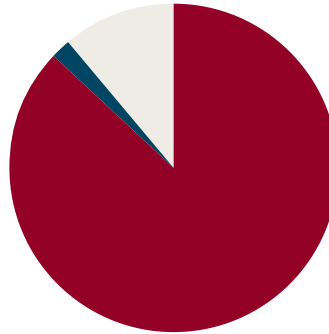
(01/01/2025)

Field strength	Number of Selection
1.5 T	193530
3.0 T	41522
1.0 T	946
1.2 T	8
7.0 T	6
	1

## Stress-MR (n=46849)

(01/01/2025)

- Stress-Adenosin (86 %)
- Stress-Dobutamin (2%)
- Stress-Regadenoson (12%)

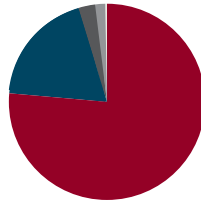


## Who did the CMR reporting

(01/01/2025)

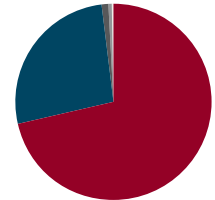
### CT

- Radiologist (77.0 %)
- Consensus Reading (18.2 %)
- Other (2.7 %)
- Separate Reading (1.8 %)
- Cardiologist (0.3 %)



### MR

- Radiologist (70.9 %)
- Consensus Reading (27.0 %)
- Other (1.4 %)
- Cardiologist (0.4 %)
- Separate Reading (0.2 %)





**ESCR**

EUROPEAN SOCIETY OF  
CARDIOVASCULAR  
RADIOLOGY

# European MR/CT Registry

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