

rechte Koronararterie
(RCA, A. coronaria dextra)

linke Koronararterie
(LCA, A. coronaria sinistra)

R. interventricularis anterior
(der linken Koronararterie =
RIVA = LAD)

R. circumflexus
(der linken Koronararterie = RCX)

(Segmente der Koronararterien
entsprechend Klassifikation der
American Heart Association [AHA]
1975 [Austen et al. 1975])

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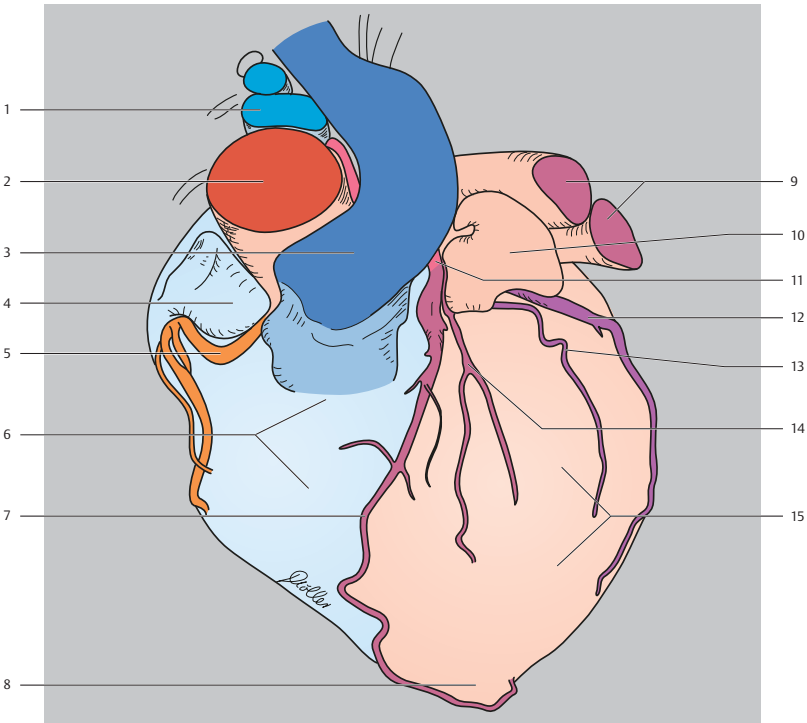
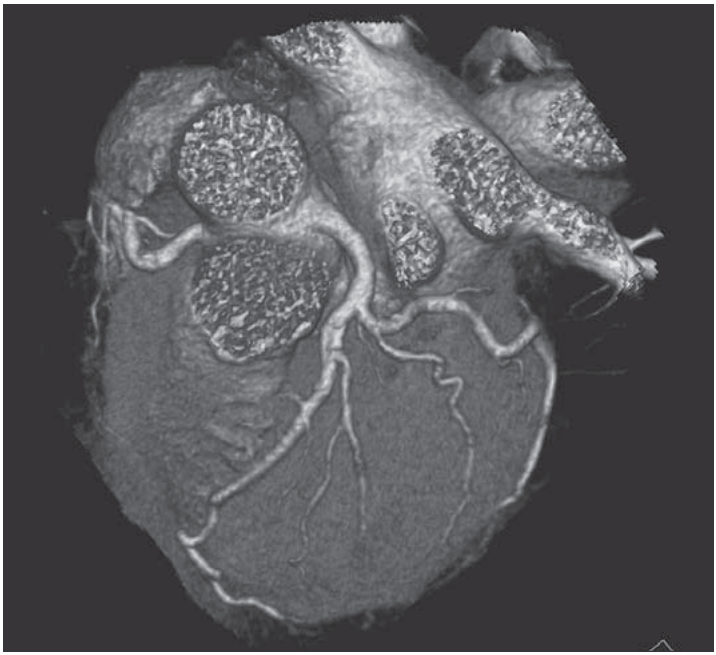


Abb. 1.45 Herz-CT – CT-Koronarangiografie.

1 V. cava superior
2 Aorta ascendens
3 Truncus pulmonalis
4 Auricula dextra
5 rechte Koronararterie (RCA, proximales Segment)
6 Ventriculus dexter
7 R. interventricularis anterior der linken Koronararterie (RIVA = LAD, Segment 7)
8 Apex cordis
9 Vv. pulmonales (sinistrae)
10 Auricula sinistra
11 A. coronaria sinistra (Hauptstamm, Segment 5)
12 R. circumflexus der linken Koronararterie (RCX, Segment 13)
13 R. marginalis sinister der linken Koronararterie (1. Marginalast, M1, Segment 12)
14 1. Diagonalast
15 Ventriculus sinister

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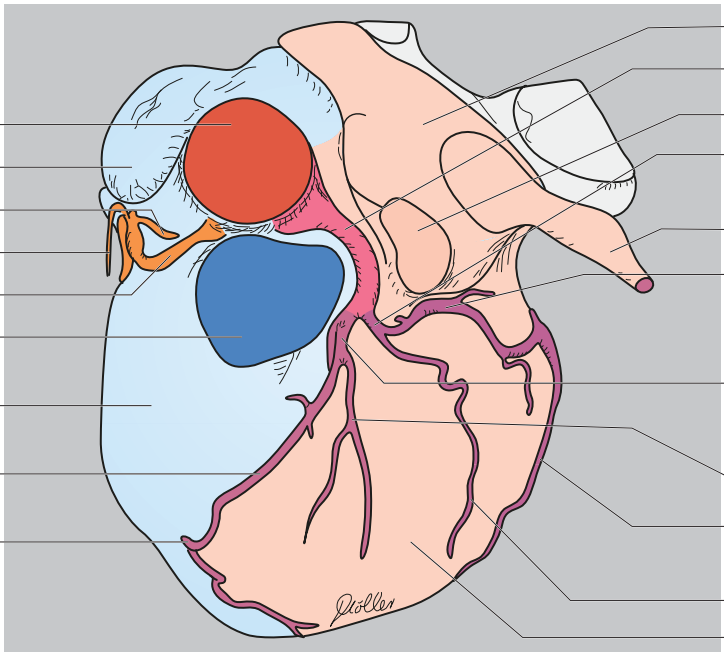
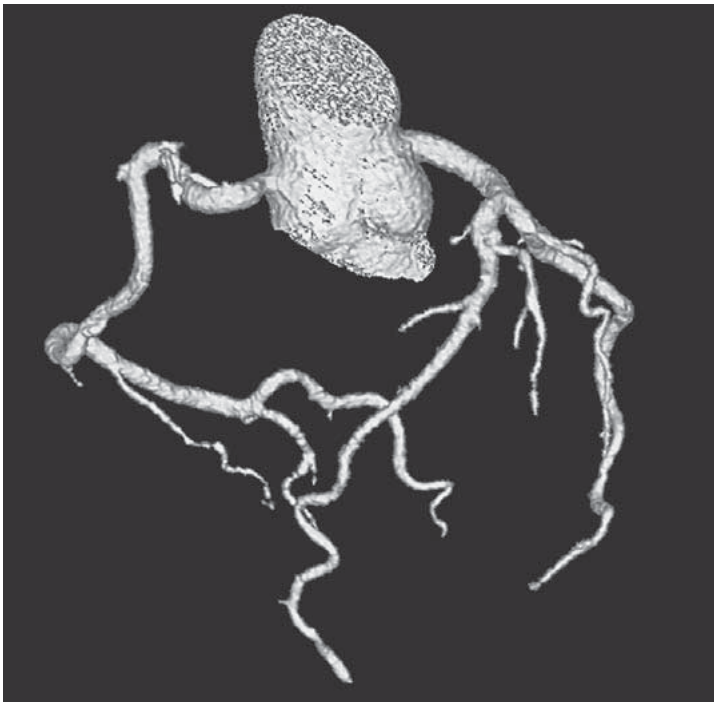


Abb. 1.46 Herz-CT – CT-Koronarangiografie.

1 Aorta ascendens mit Sinus aortae
2 Auricula dextra
3 R. nodi sinuatrialis
4 R. conalis
5 rechte Koronararterie (RCA, proximales Segment)
6 Truncus pulmonalis
7 Ventriculus dexter
8 R. interventricularis anterior der linken Koronararterie (RIVA = LAD, mittleres Segment)
9 R. interventricularis anterior der linken Koronararterie (RIVA = LAD, distales Segment)
10 Atrium sinistrum
11 linke Koronararterie (LCA, Hauptstamm)
12 Auricula sinistra
13 R. circumflexus der linken Koronararterie (RCX, proximales Segment = vor Abgang des M1)
14 V. pulmonalis sinistra
15 R. circumflexus der linken Koronararterie (RCX, mittleres Segment = nach Abgang des M1)
16 R. interventricularis anterior der linken Koronararterie (RIVA = LAD, proximales Segment)
17 1. Diagonalast
18 R. circumflexus der linken Koronararterie (RCX, distales Segment)
19 1. Marginalast (M1)
20 Ventriculus sinister

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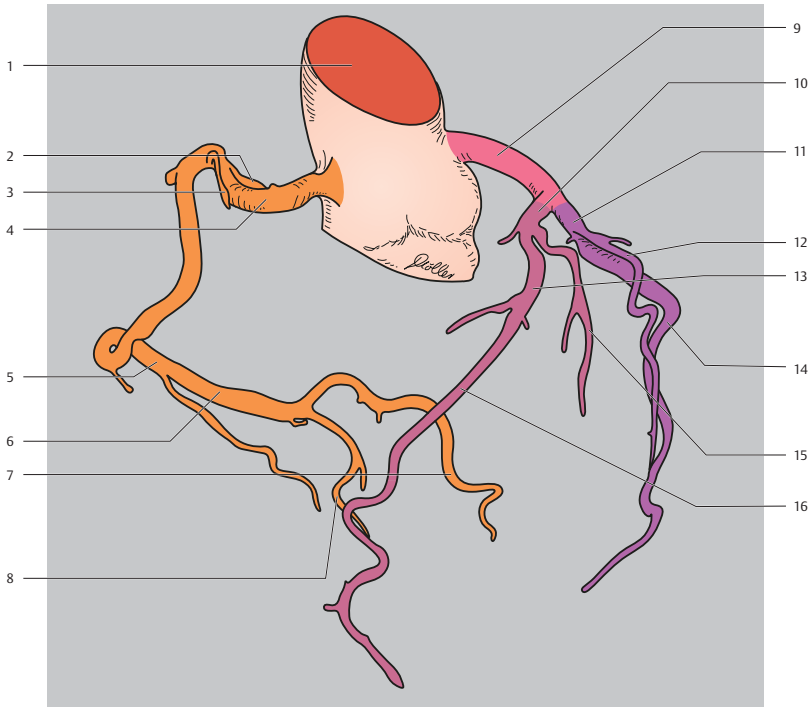
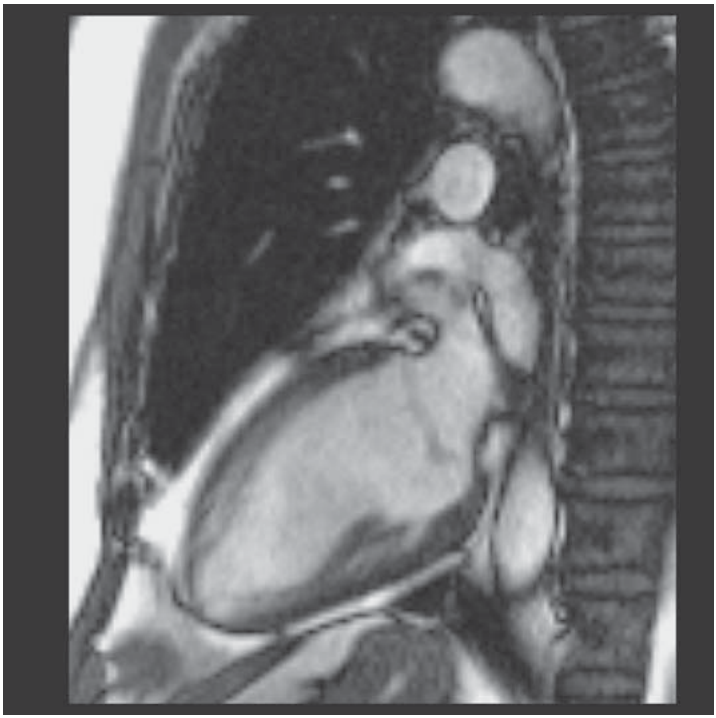
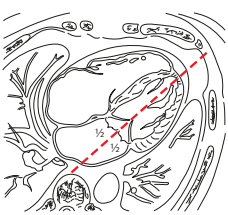


Abb. 1.47 Herz-CT – CT-Koronarangiografie.

1 Aorta ascendens
2 R. nodi sinuatrialis
3 R. conalis
4 rechte Koronararterie (RCA, proximales Segment)
5 rechte Koronararterie (RCA, mittleres Segment)
6 rechte Koronararterie (RCA, distales Segment)
7 R. interventricularis posterior sinister der rechten Koronararterie
8 R. interventricularis posterior dexter (der rechten Koronararterie)
9 linke Koronararterie (LCA, Hauptstamm)
10 R. interventricularis anterior der linken Koronararterie (RIVA = LAD, proximales Segment)
11 R. circumflexus der linken Koronararterie (RCX, proximales Segment = vor Abgang des M1)
12 1. Marginalast (M1)
13 R. interventricularis anterior der linken Koronararterie (RIVA = LAD, mittleres Segment)
14 R. circumflexus der linken Koronararterie (RCX, mittleres Segment = nach Abgang des M1)
15 1. Diagonalast
16 R. interventricularis anterior der linken Koronararterie (RIVA = LAD, distales Segment)

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rechte Koronararterie (RCA, A. coronaria dextra)

R. interventricularis anterior (der linken Koronararterie = RIVA = LAD)

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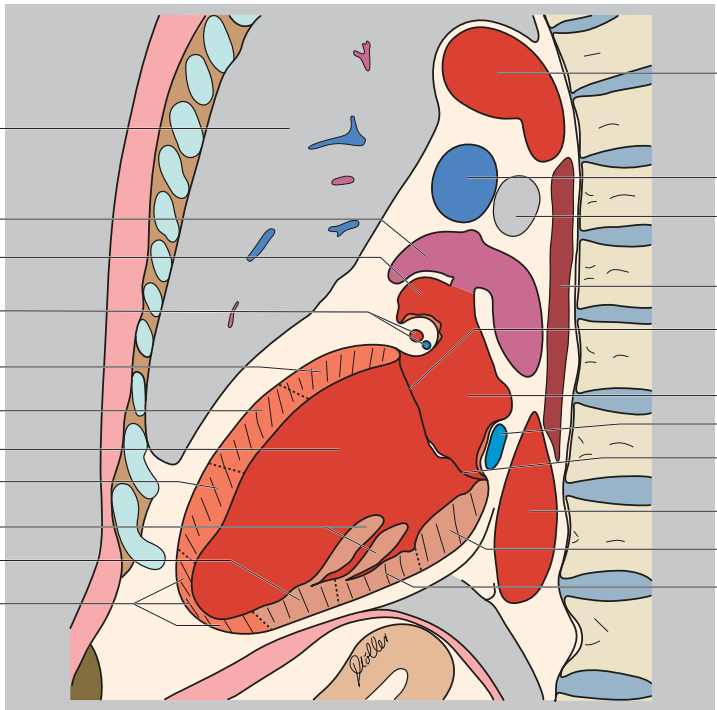
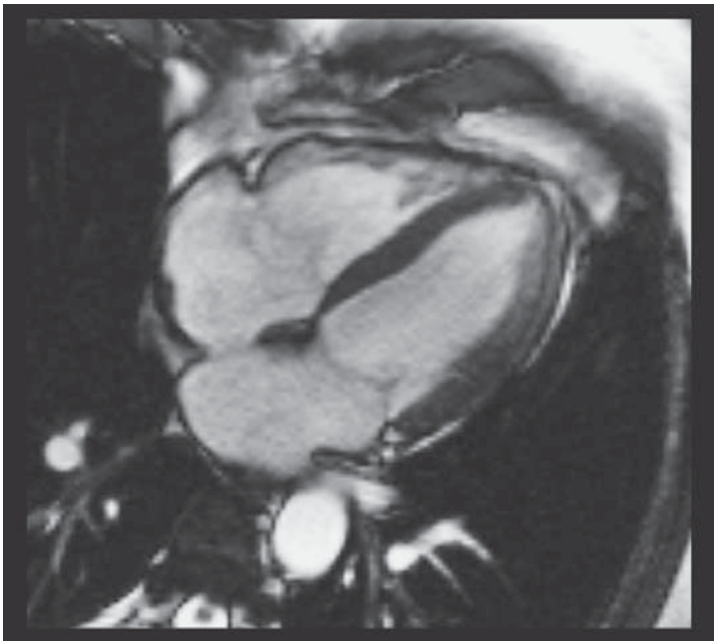
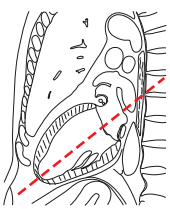


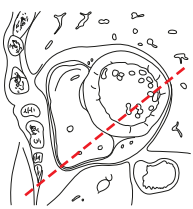
Abb. 1.48 Herz-MR – 2-Kammer-Blick des linken Ventrikels.

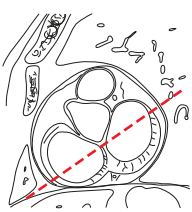
1 linke Lunge (Pulmo sinister)
2 V. pulmonalis
3 linkes Herzohr (Auricula sinistra)
4 A. coronaria sinistra (linke Koronararterie)
5 Myokard (basales anteriores Segment)
6 Myokard (mediales anteriores Segment)
7 linker Ventrikel (Ventriculus sinister)
8 Myokard (apikales anteriores Segment)
9 posteriorer Papillarmuskel
10 Myokard (apikales inferiores Segment)
11 Apex cordis (Herzspitze, Spitzensegment)
12 Aortenbogen (Arcus aortae)
13 A. pulmonalis
14 Bronchus principalis sinister (linker Hauptbronchus)
15 Speiseröhre (Ösophagus)
16 Mitralklappe (Valva atrioventricularis sinistra, Cuspis anterior)
17 linker Vorhof (Atrium sinistrum)
18 Sinus coronarius
19 Mitralklappe (Valva atrioventricularis sinistra, Cuspis posterior)
20 Aorta descendens
21 Myokard (basales inferiores Segment)
22 Myokard (mediales inferiores Segment)

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R. circumflexus (der linken Koronararterie = RCX)

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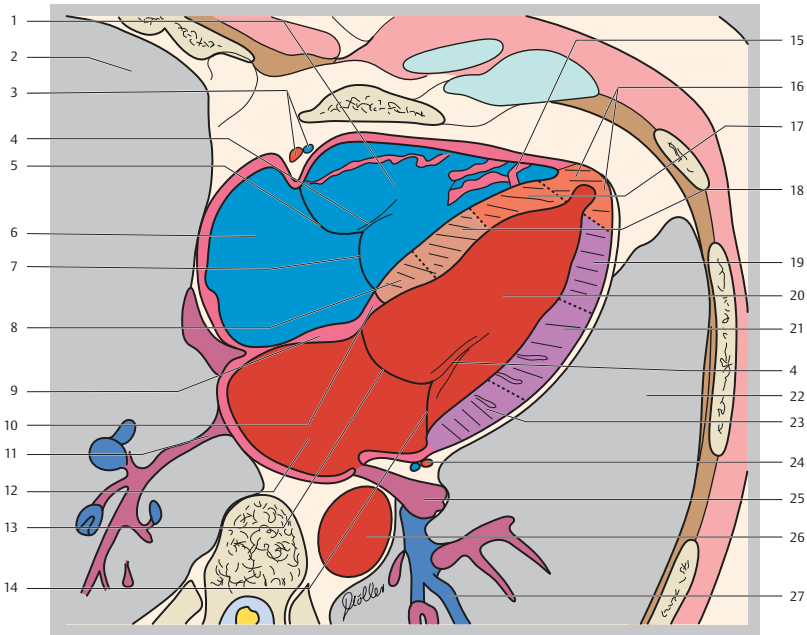


Abb. 1.49 Herz-MR – 4-Kammer-Blick des linken Ventrikels.

1 rechter Ventrikel (Ventriculus dexter)
2 rechte Lunge (Pulmo dexter)
3 rechte Koronararterie (A. coronaria dextra)
4 Chordae tendineae
5 Trikuspidalklappe (Valva atrioventricularis dextra, Cuspis anterior)
6 rechter Vorhof (Atrium dextrum)
7 Trikuspidalklappe (Valva atrioventricularis dextra, Cuspis septalis)
8 Septum interventriculare (Ventrikelseptum, basales anteroseptales Segment)
9 Septum atriale (Vorhofseptum)
10 Septum atrioventriculare
11 V. pulmonalis dextra
12 linker Vorhof (Atrium sinistrum)
13 Mitralklappe (Valva atrioventricularis sinistra, Cuspis anterior)
14 Mitralklappe (Valva atrioventricularis sinistra, Cuspis posterior)
15 Moderatorband (Trabecula septomarginalis)
16 Apex cordis (Herzspitze, Spitzensegment)
17 Septum interventriculare (Ventrikelseptum, apikales septales Segment)
18 Septum interventriculare (Ventrikelseptum, mediales anteroseptales Segment)
19 Myokard (apikales laterales Segment)
20 linker Ventrikel (Ventriculus sinister)
21 Myokard (mediales anterolaterales Segment)
22 linke Lunge (Pulmo sinister)
23 Myokard (basales anterolaterales Segment)
24 A. coronaria sinistra (R. circumflexus)
25 V. pulmonalis sinistra
26 Aorta descendens
27 A. pulmonalis (R. descendens)

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