



UNIUNEA EUROPEANĂ



GUVERNUL ROMÂNIEI



Fondul Social European
POSDRU 2007-2013



Instrumente Structurale
2007-2013



GUVERNUL ROMÂNIEI
MINISTERUL MUNCII, FAMILIEI,
PROTECȚIEI SOCIALE
ȘI PERSOANELOR VÂRSTNICE
OIRPOSDRU REGIUNEA CENTRU



UNIVERSITATEA DE MEDICINĂ ȘI
FARMACIE "CAROL DAVILA"
BUCUREȘTI

«AD-COR Program inovativ de formare in domeniul cardiologiei pediatrice POSDRU/179/3.2/S/152012»

August 2015

MODUL TEORETIC

Prezentari video - cazuri

Continut documentat/ validat/ prezentat de:

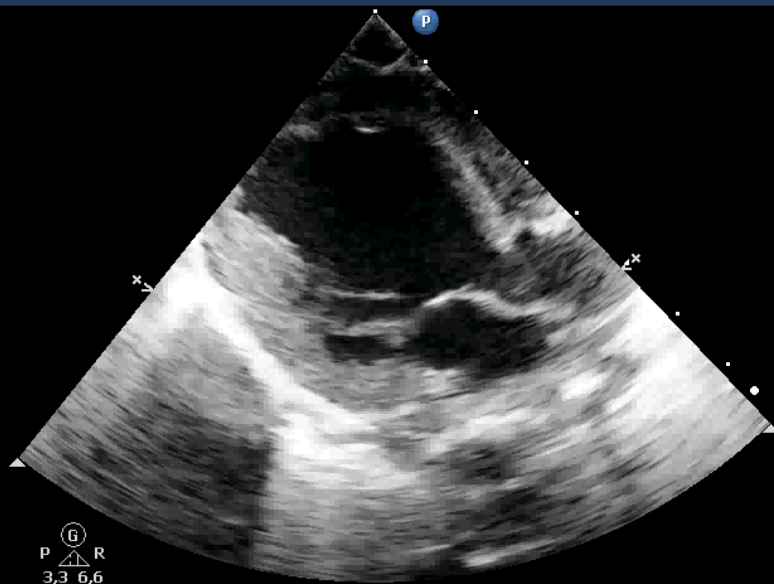
⇒ Expert formare medici: NICOLESCU Alin

⇒ Expert formare medici: VEDUTA Alina

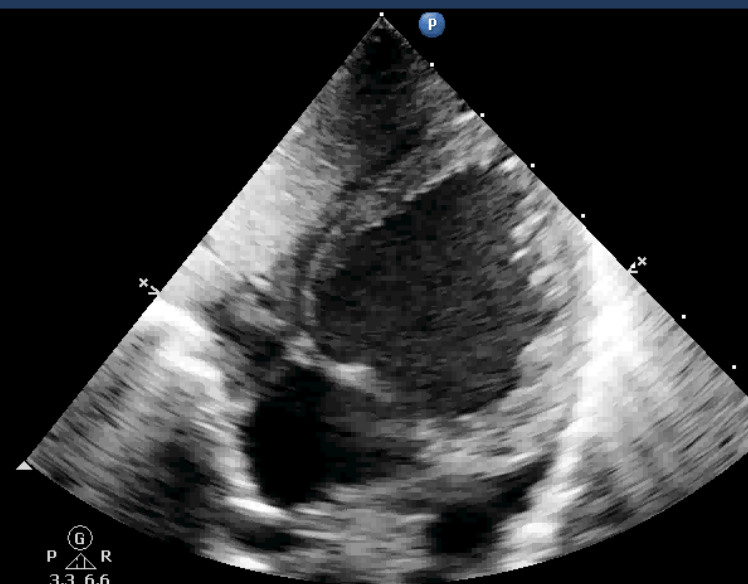
A4 – Planificarea, organizarea si desfasurarea activitatilor de formare a medicilor in domeniul cardiologiei pediatrice

Caz /1

CORD 10-14
-3
1 Hz
0cm
2
Gen
n 52
46
/2/0
5 mm/s



CORD 10-14
S8-3
111 Hz
8,0cm
2D
HGen
Gn 52
C 46
2/2/0
75 mm/s



CORD 10-14

S8-3

115 Hz

8,0cm

2D

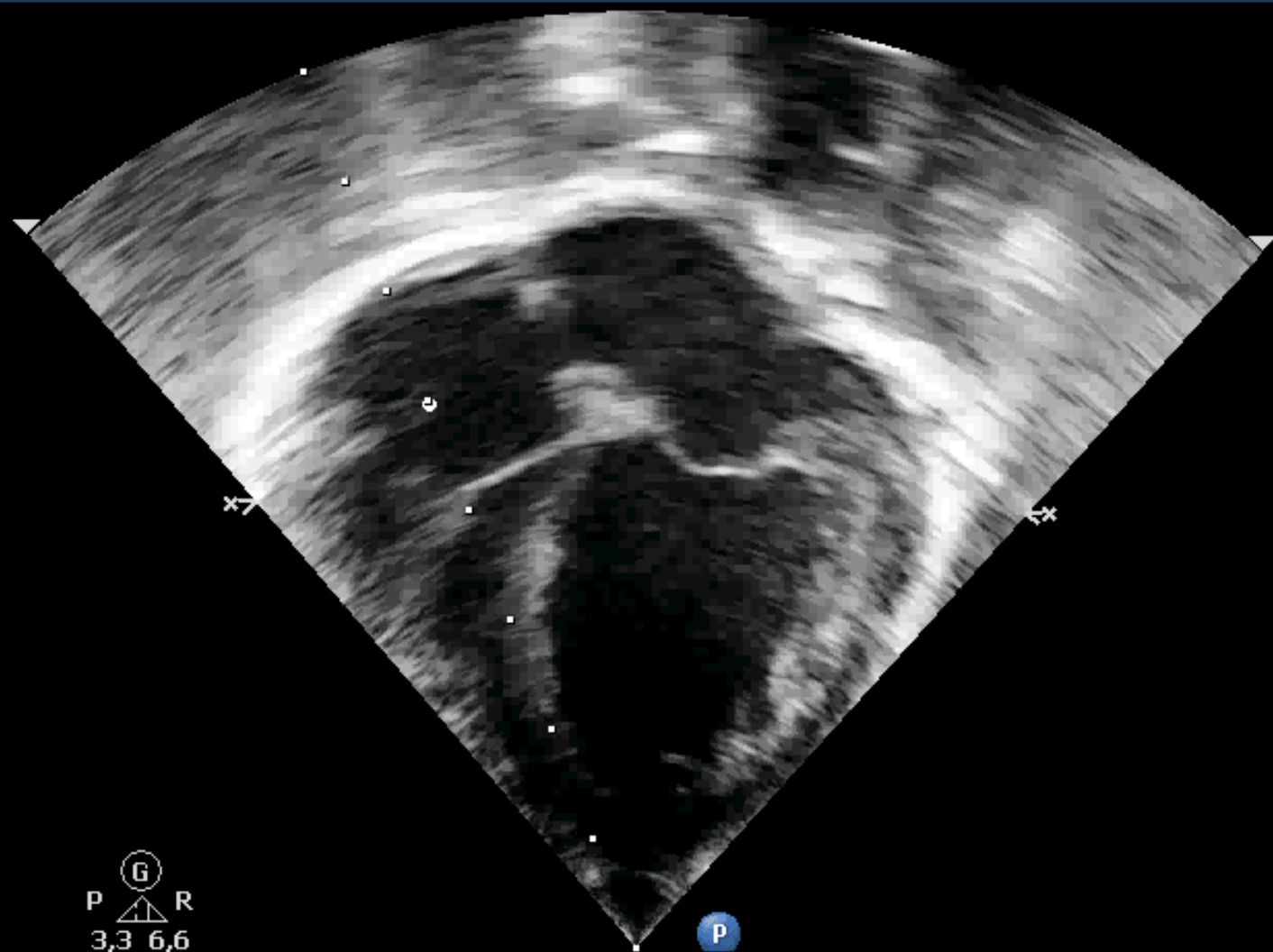
HGen

Gn 52

C 46

2/2/0

75 mm/s



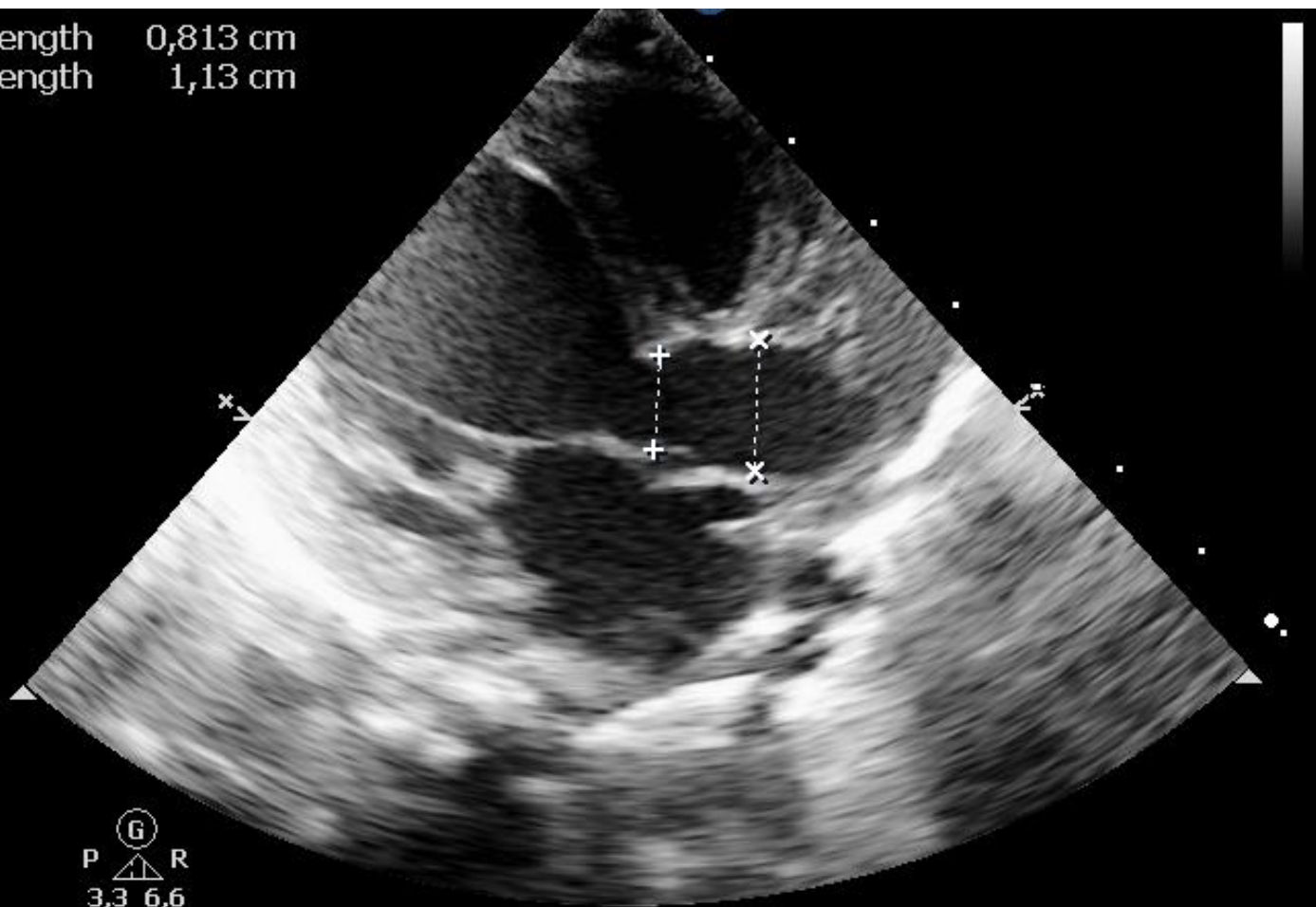
G
P R
3,3 6,6

P

S8-3
115 Hz
8,0cm

+ Length 0,813 cm
× Length 1,13 cm

2D
HGen
Gn 52
C 46
2/2/0
75 mm/s



ⓐ
P △ R
3,3 6,6

15-08-05-231338

TIS 1,2 23:22:05

CORD 10-14

S8-3

22 Hz

8,0cm

2D

HGen

Gn 52

C 46

2/2/0

75 mm/s

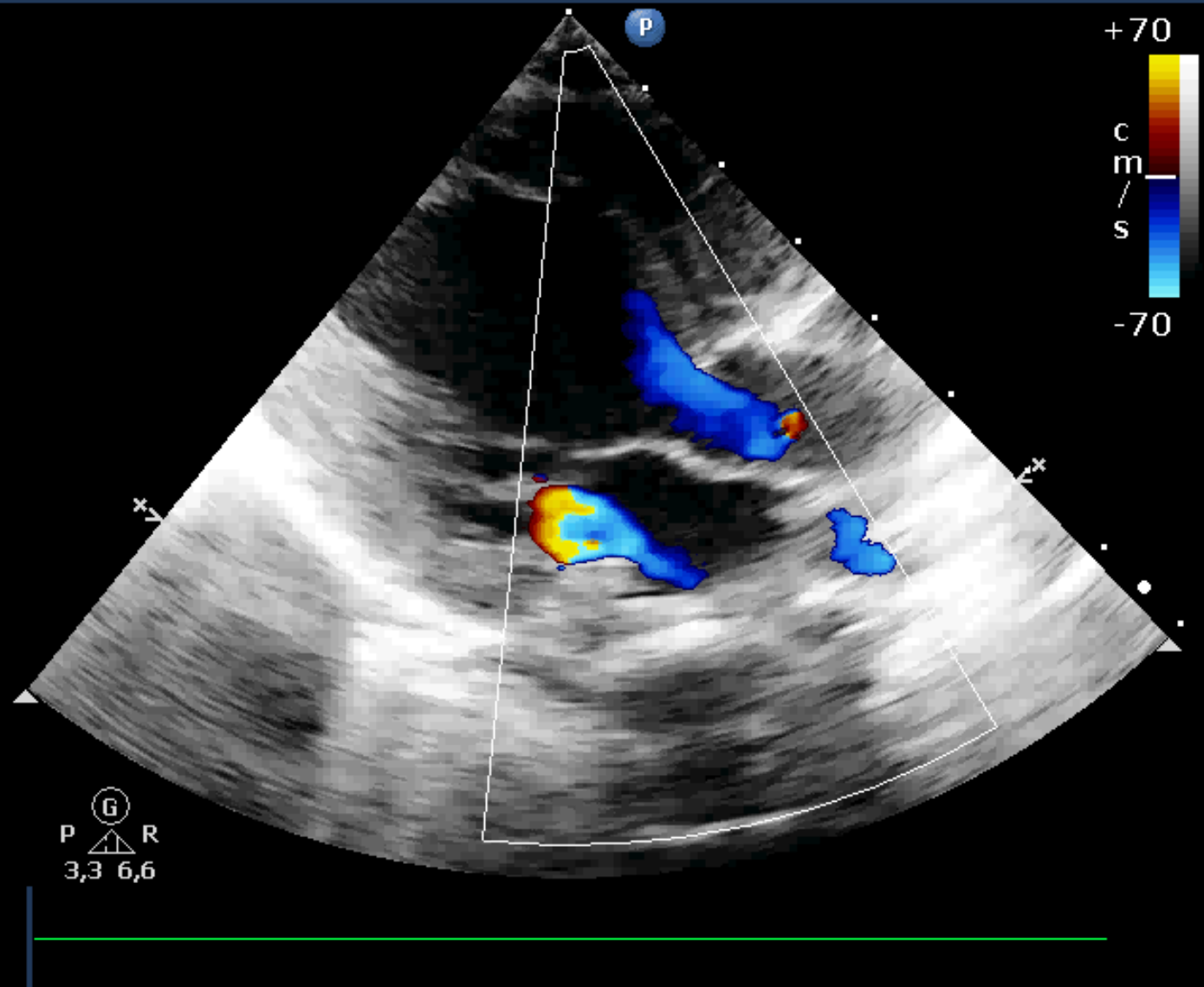
Color

3,1 MHz

Gn 62

4/7/2

Fltr High



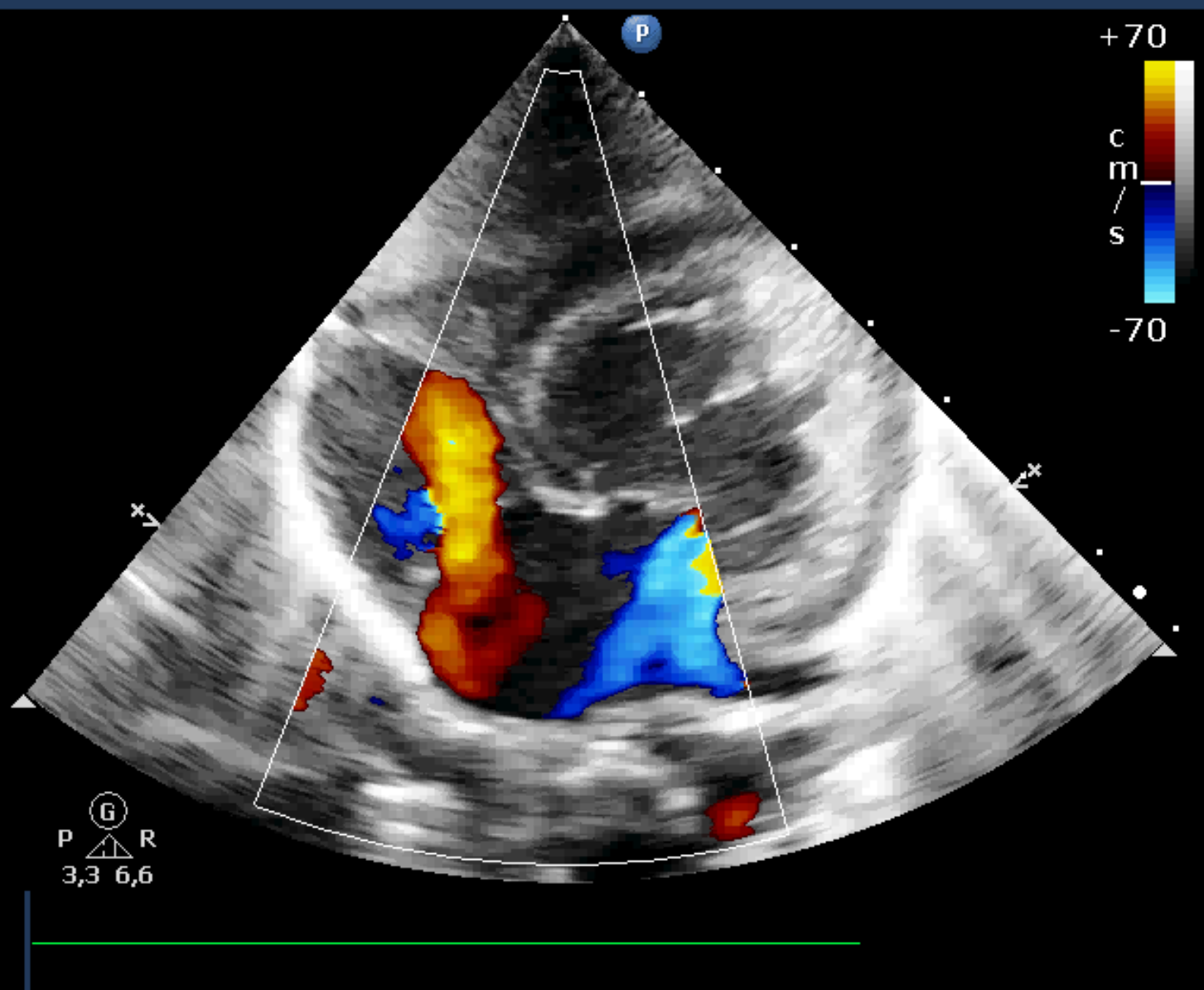
CORD 10-14
S8-3
22 Hz
8,0cm

2D

HGen
Gn 52
C 46
2/2/0
75 mm/s

Color

3,1 MHz
Gn 62
4/7/2
Fltr High



ORD 10-14

-3

Hz

,0cm

2

Gen

n 52

46

/2/0

5 mm/s

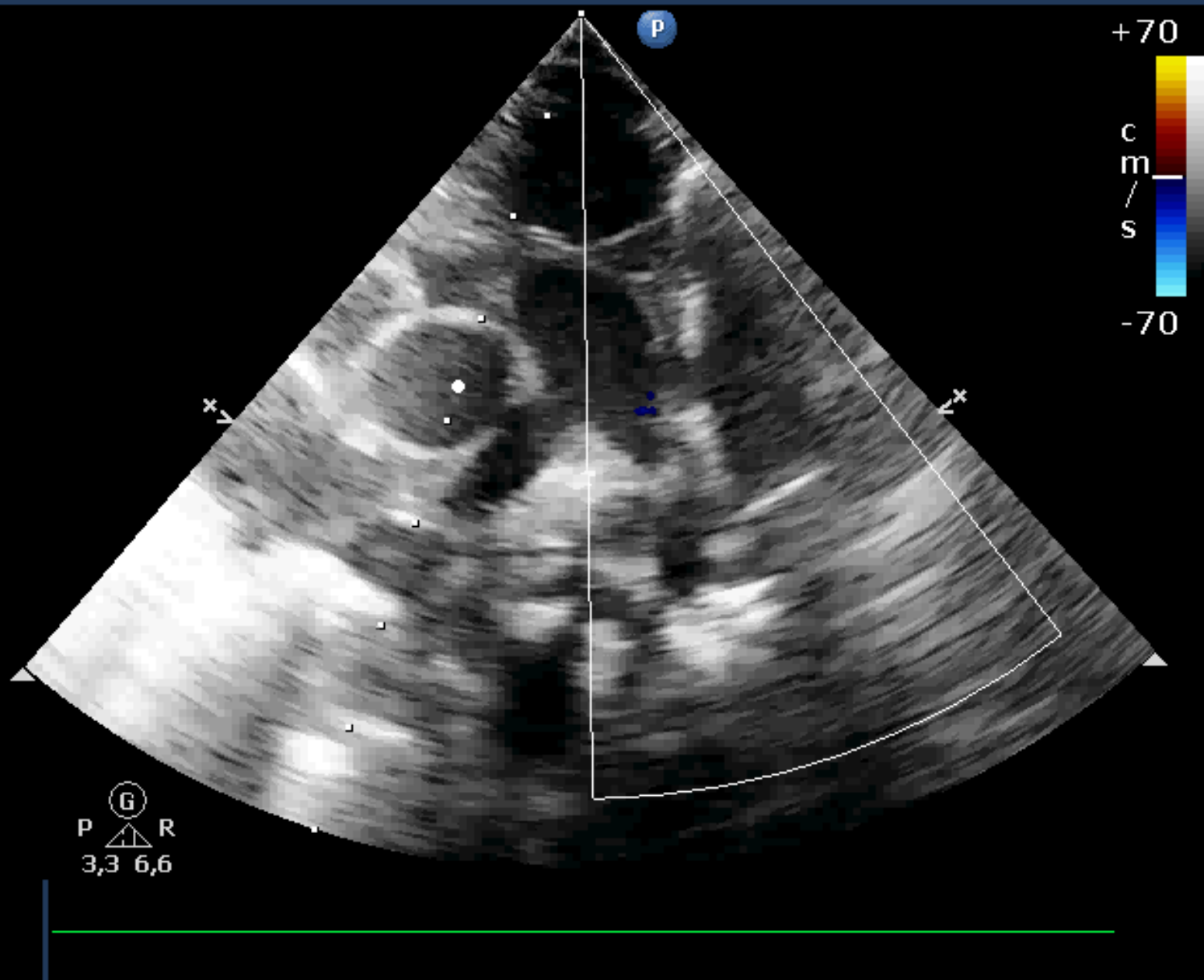
olor

,1 MHz

n 62

/7/2

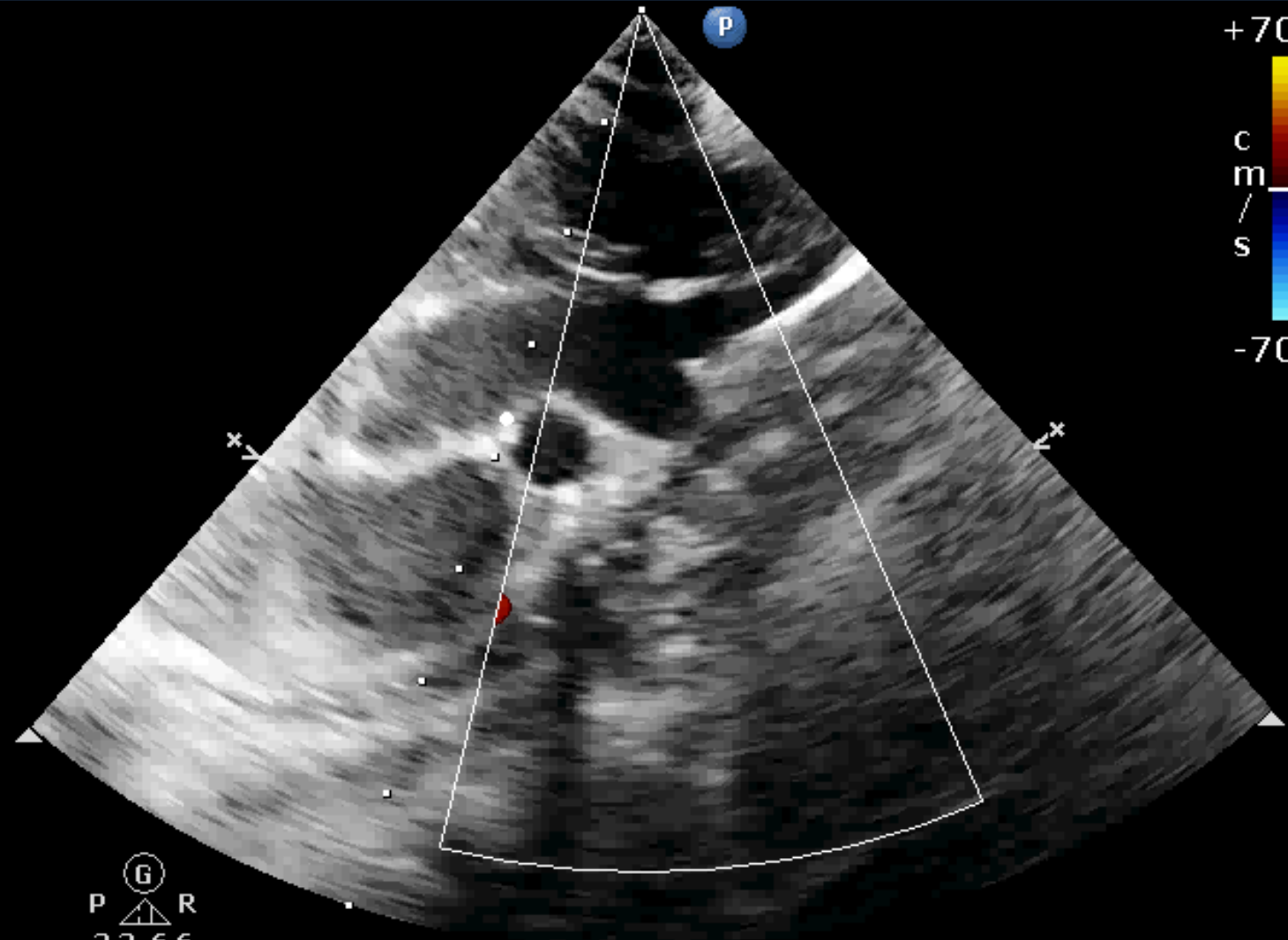
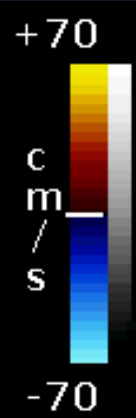
lter High



ORD 10-14
-3
Hz
0cm

Gen
n 52
46
/2/0
5 mm/s

lor
1 MHz
n 62
/7/2
tr High



S8-3

115 Hz

8,0cm

2D

HGen

Gn 52

C 46

2/2/0

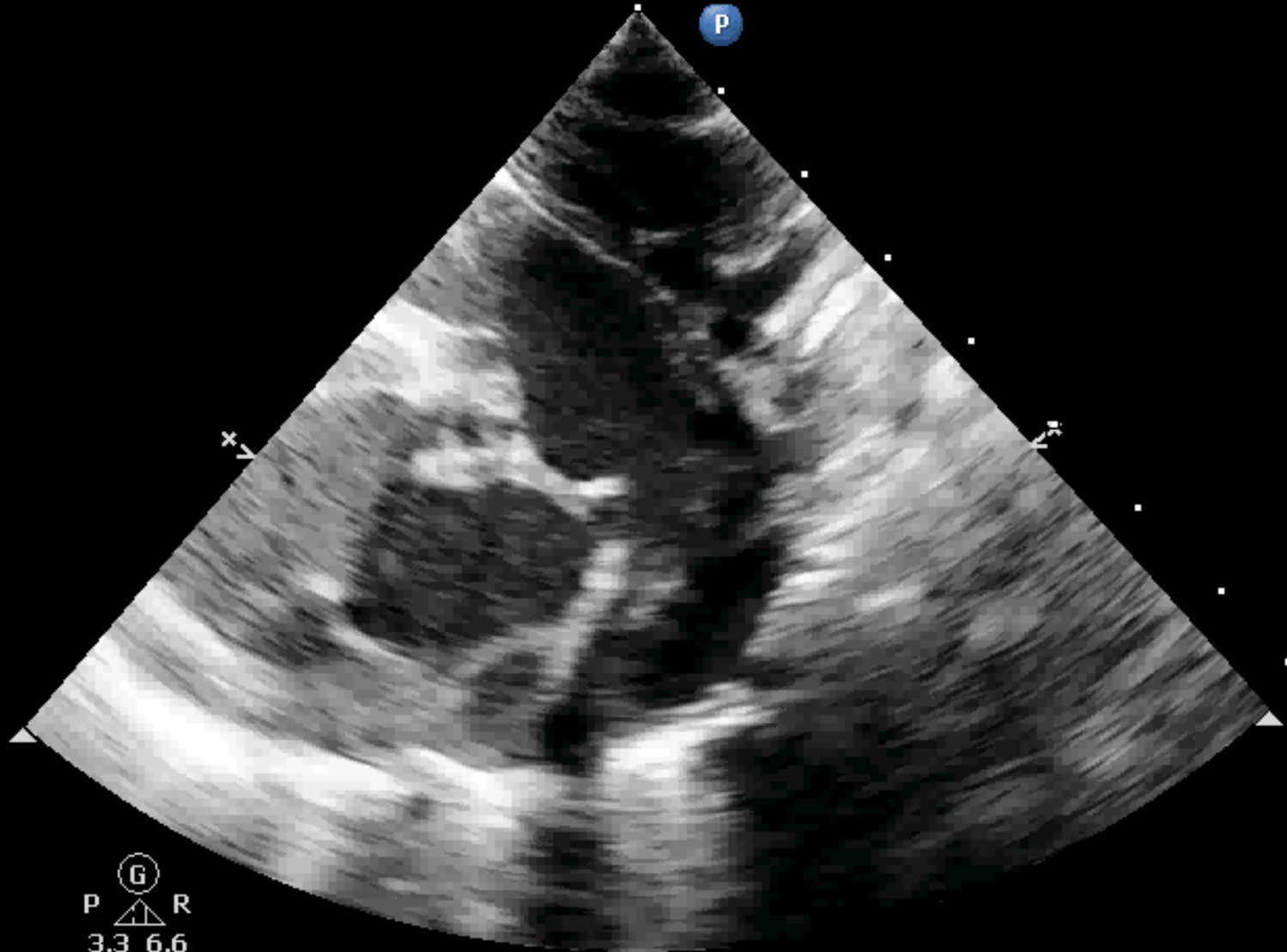
75 mm/s



G
P R
3,3 6,6

CORD 10-14
S8-3
115 Hz
8,0cm

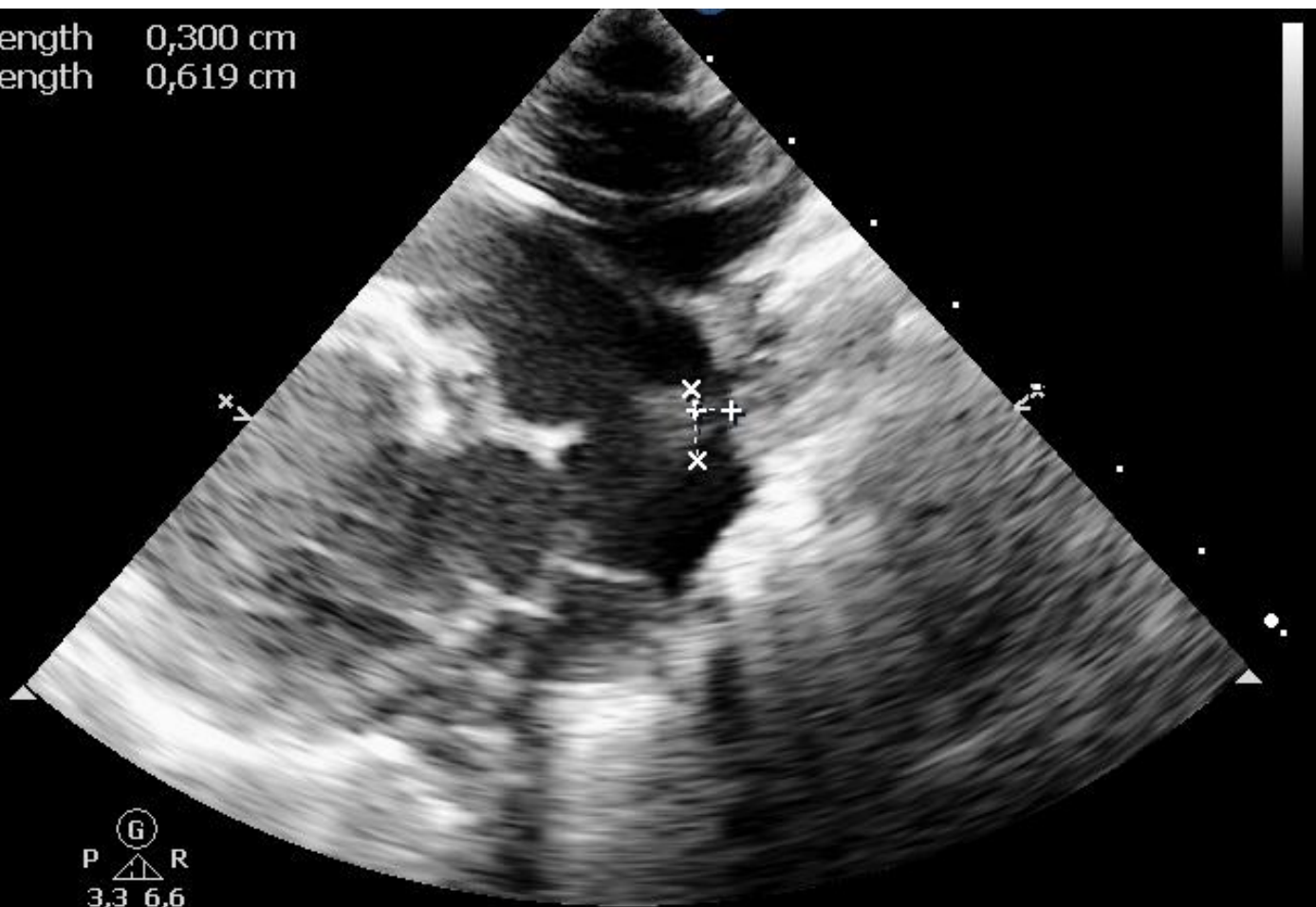
2D
HGen
Gn 52
C 46
2/2/0
75 mm/s



S8-3
115 Hz
8,0cm

+ Length 0,300 cm
× Length 0,619 cm

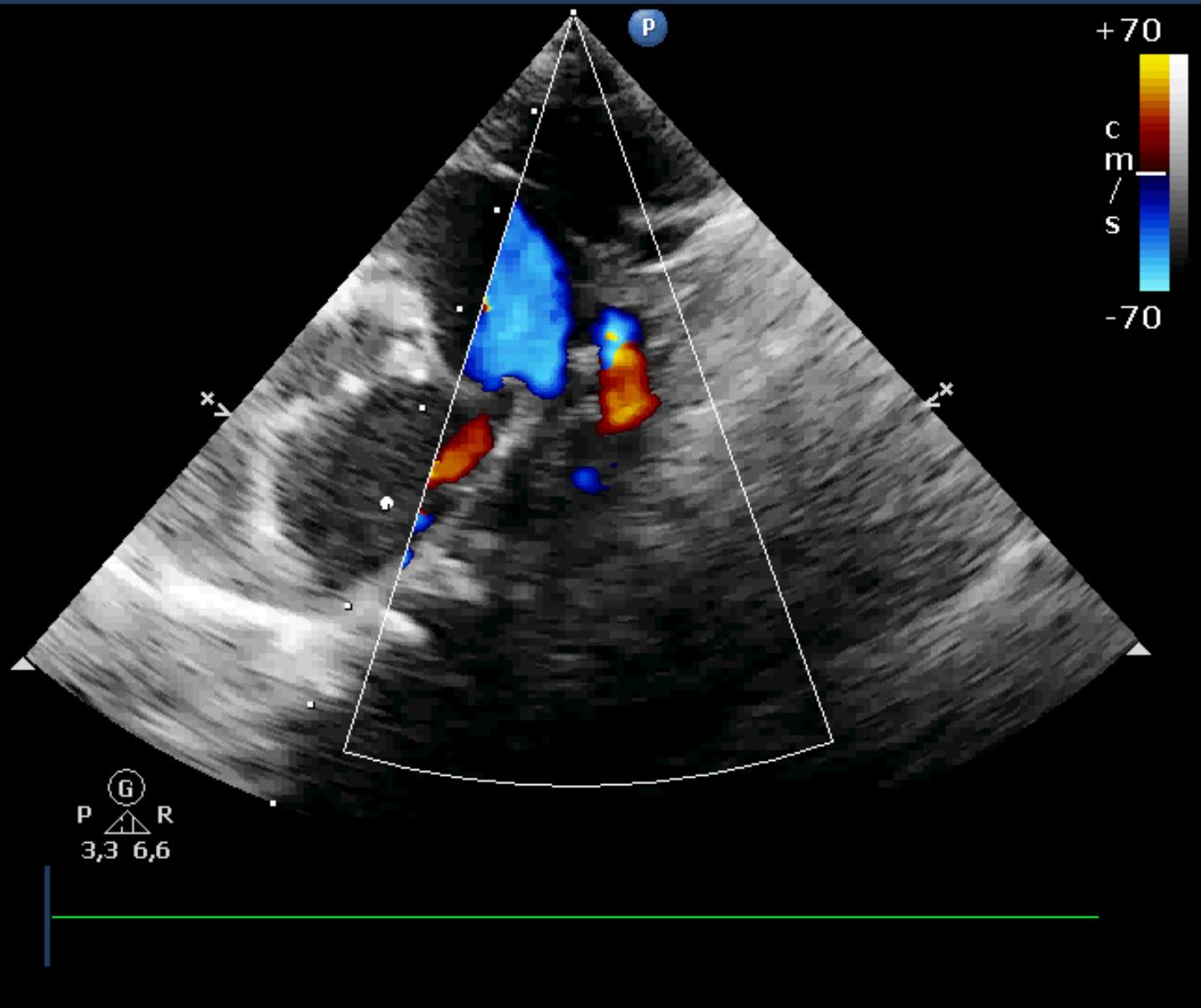
2D
HGen
Gn 52
C 46
2/2/0
75 mm/s



CORD 10-14
S8-3
22 Hz
8,0cm

2D
HGen
Gn 52
C 46
2/2/0
75 mm/s

Color
3,1 MHz
Gn 62
4/7/2
Fltr High



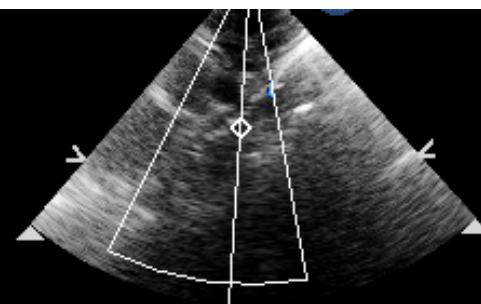
S8-3
8,0cm

+ Vel 425 cm/s
PG 72,3 mmHg

2D

HGen
Gn 52
C 46
2/2/0

⊙
P R
3,3 6,6



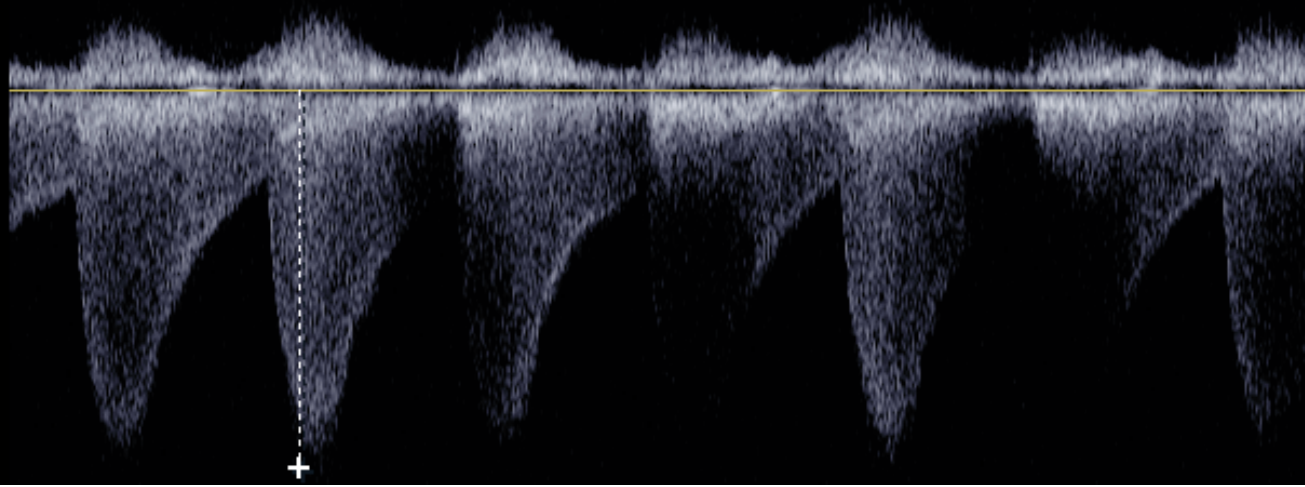
+70
cm/s
-70

Color

3,1 MHz
Gn 62
4/7/2
Filtr High

CW

2,5 MHz
Gn 47
3,8 cm
Angle 0°
Filtr 400Hz
75 mm/s



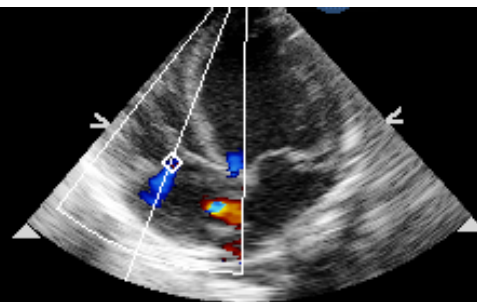
0
cm/s
-200
-400

S8-3
8,0cm

+ Vel 318 cm/s
PG 40,3 mmHg

2D
HGen
Gn 52
C 46
2/2/0

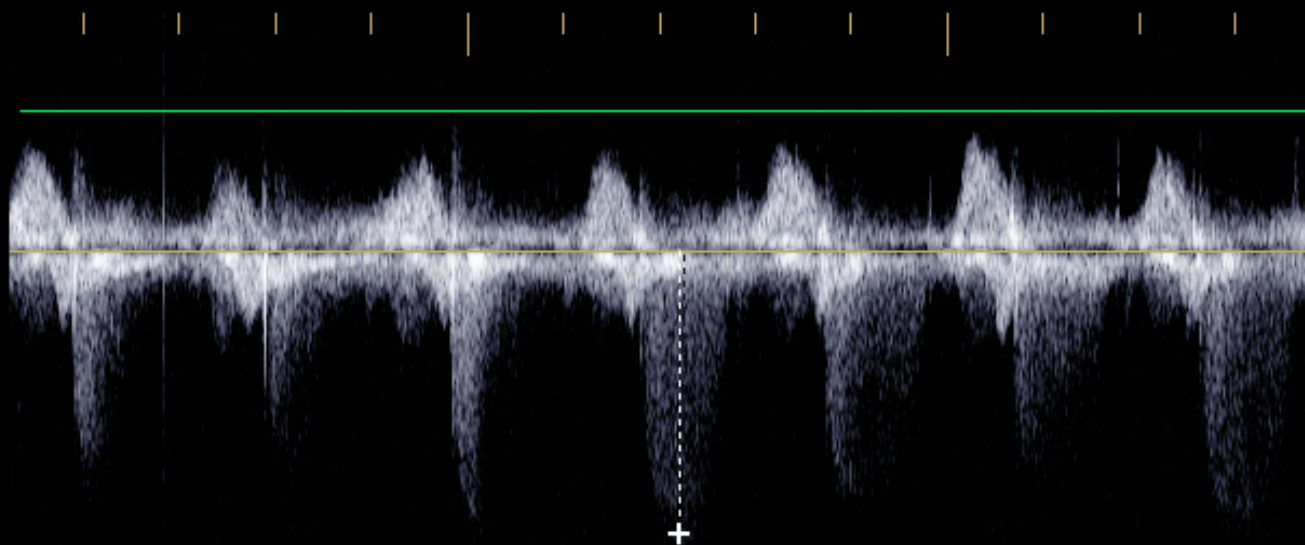
ⓐ
P R
3,3 6,6



+70
cm/s
-70

Color
3,1 MHz
Gn 62
4/7/2
Filtr High

CW
2,5 MHz
Gn 47
5,0 cm
Angle 0°
Filtr 400Hz
75 mm/s



- 200

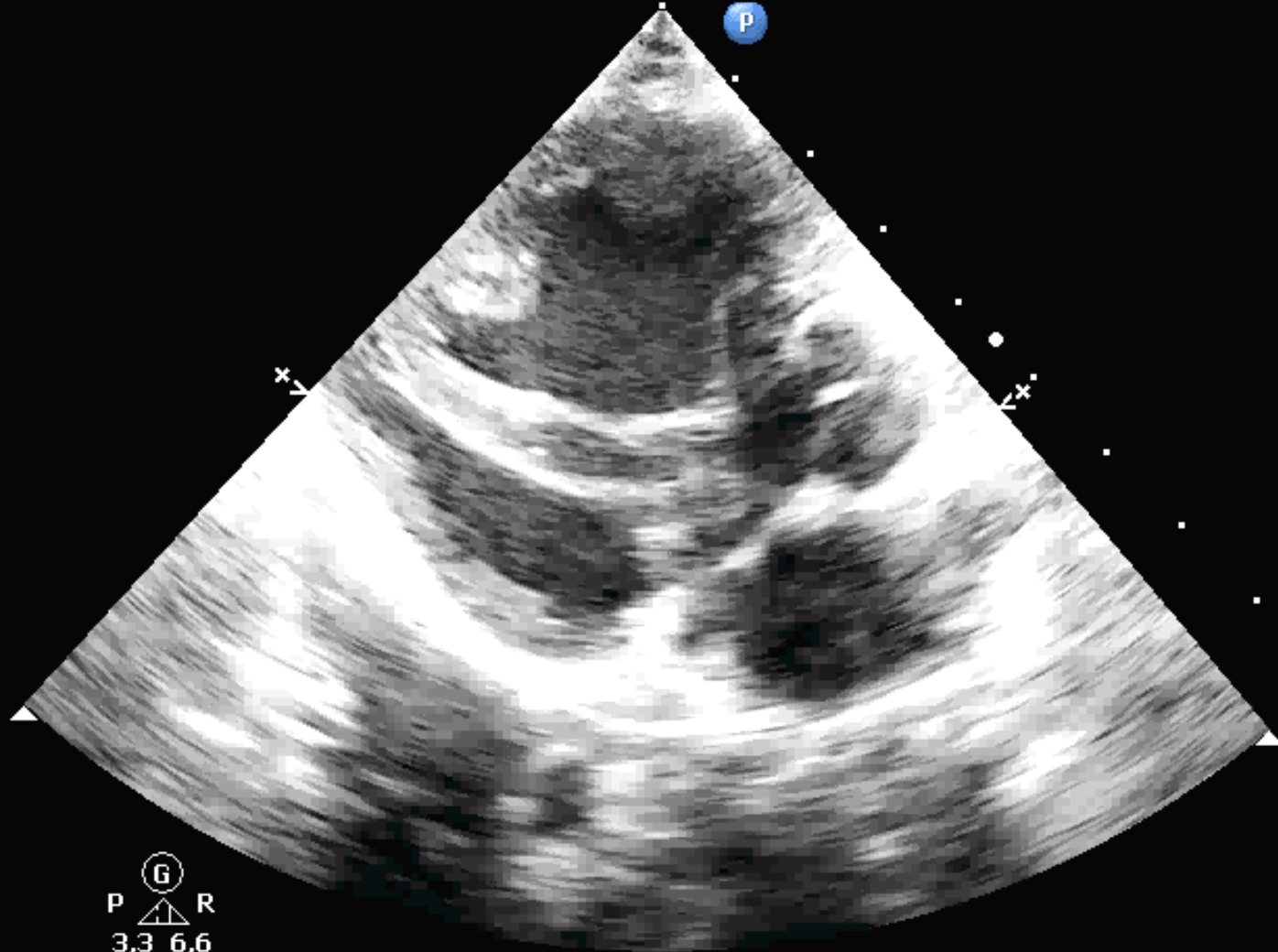
0
+ cm/s
- 200

- 400

Caz /2

CORD 10-14
S8-3
105 Hz
9,0cm

2D
HGen
Gn 63
C 46
2/2/0
75 mm/s

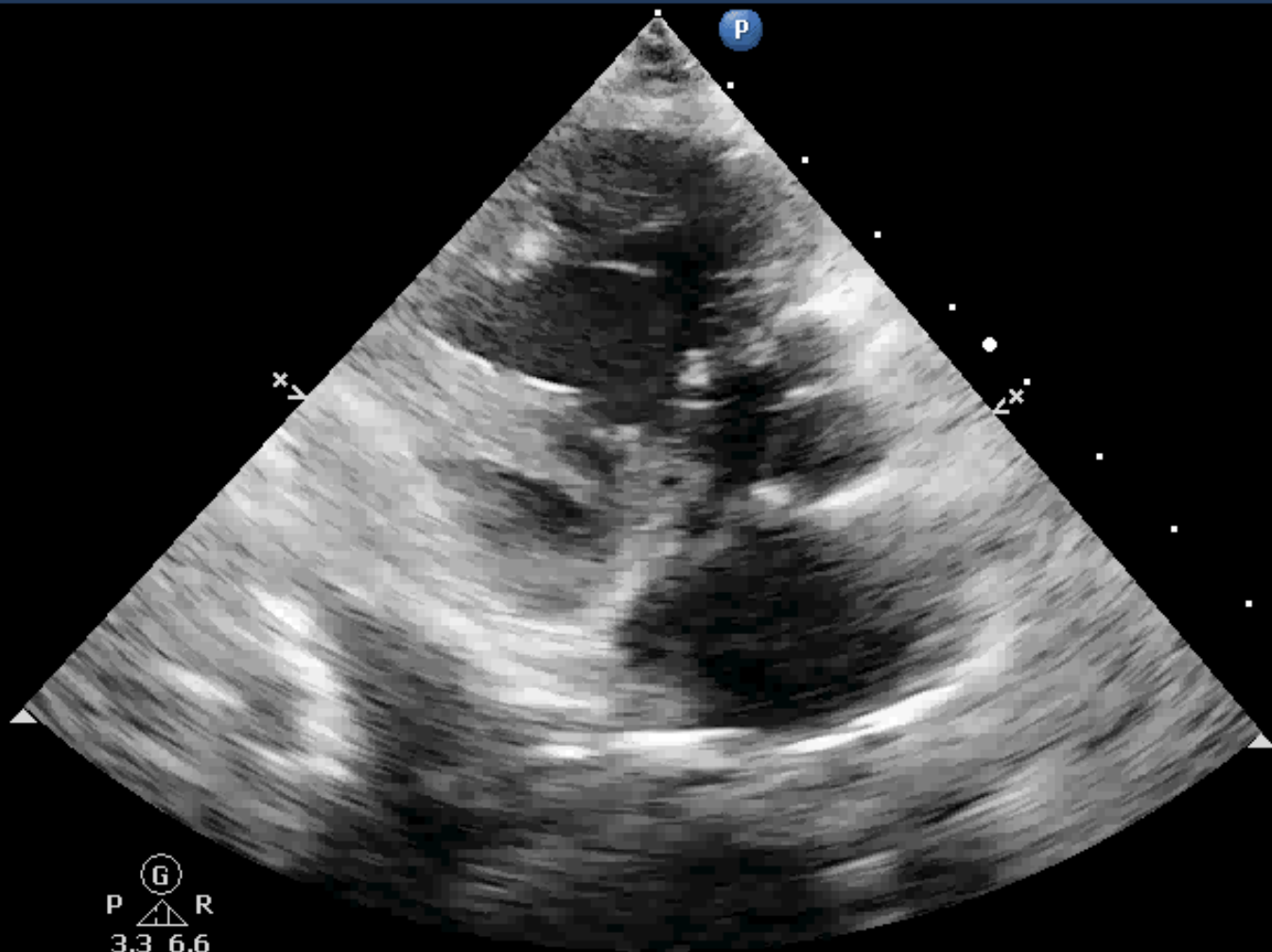


G
P R
3,3 6,6

CORD 10-14
S8-3
105 Hz
9,0cm

2D

HGen
Gn 63
C 46
2/2/0
75 mm/s



CORD 10-14

S8-3

105 Hz

9,0cm

2D

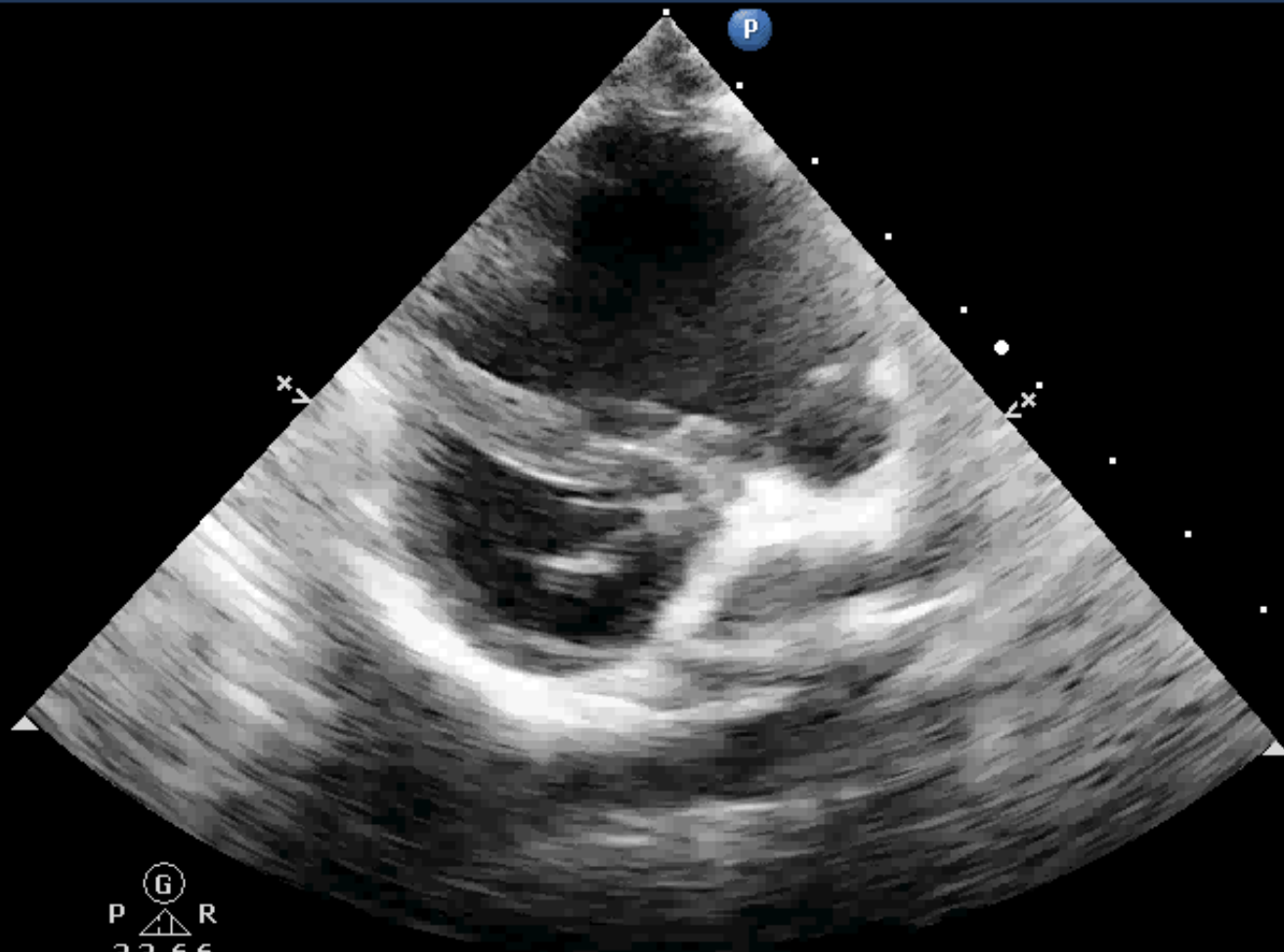
HGen

Gn 63

C 46

2/2/0

75 mm/s



Ⓔ
P  R
3,3 6,6

CORD 10-14

S8-3

105 Hz

9,0cm

2D

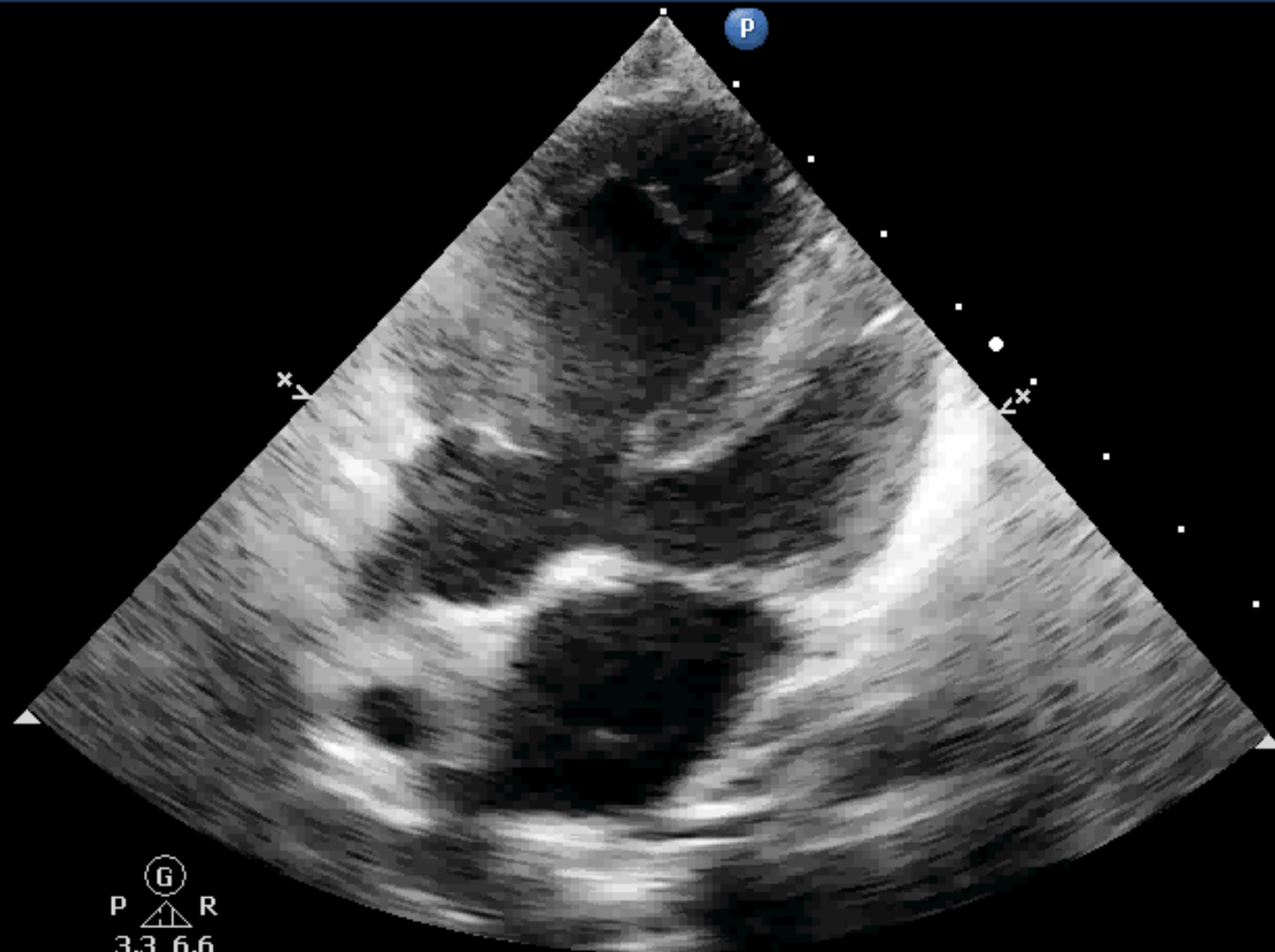
HGen

Gn 63

C 46

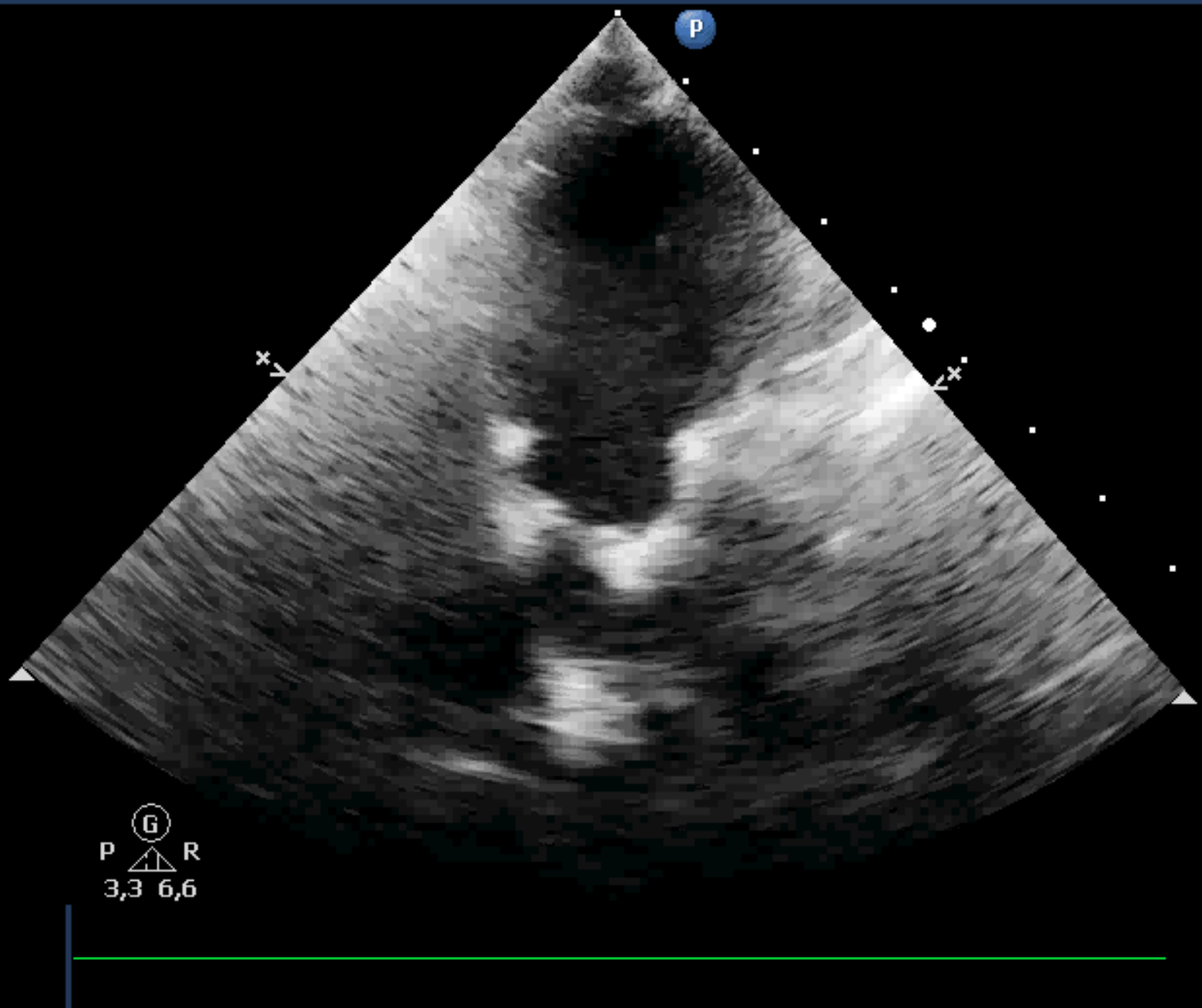
2/2/0

75 mm/s



CORD 10-14
8-3
05 Hz
9,0cm

D
HGen
Gn 63
C 46
2/2/0
75 mm/s



Caz /3

CORD 10-14

S8-3

115 Hz

5,0cm

2D

HGen

Gn 41

C 46

2/2/0

75 mm/s

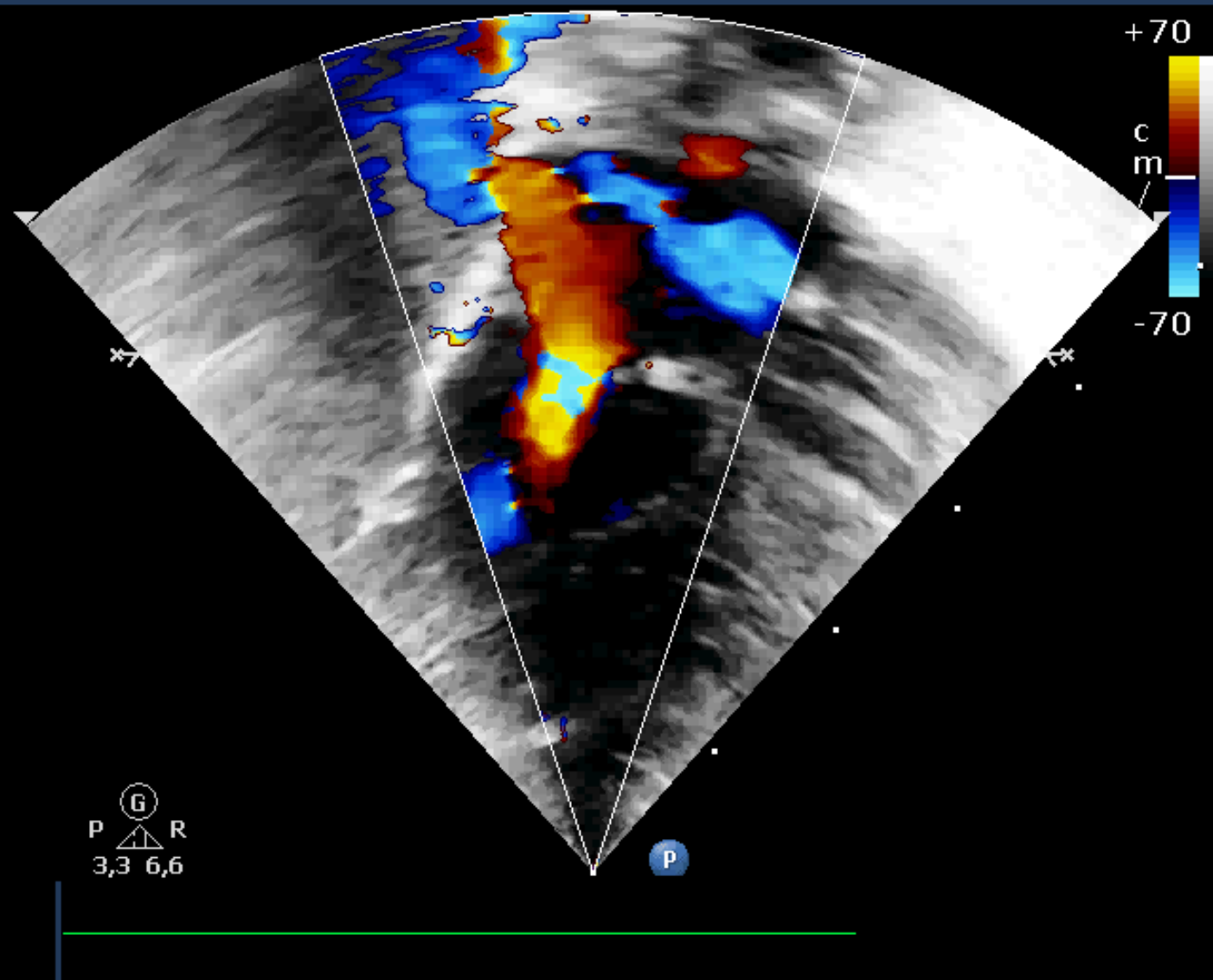
Color

3,1 MHz

Gn 86

4/7/2

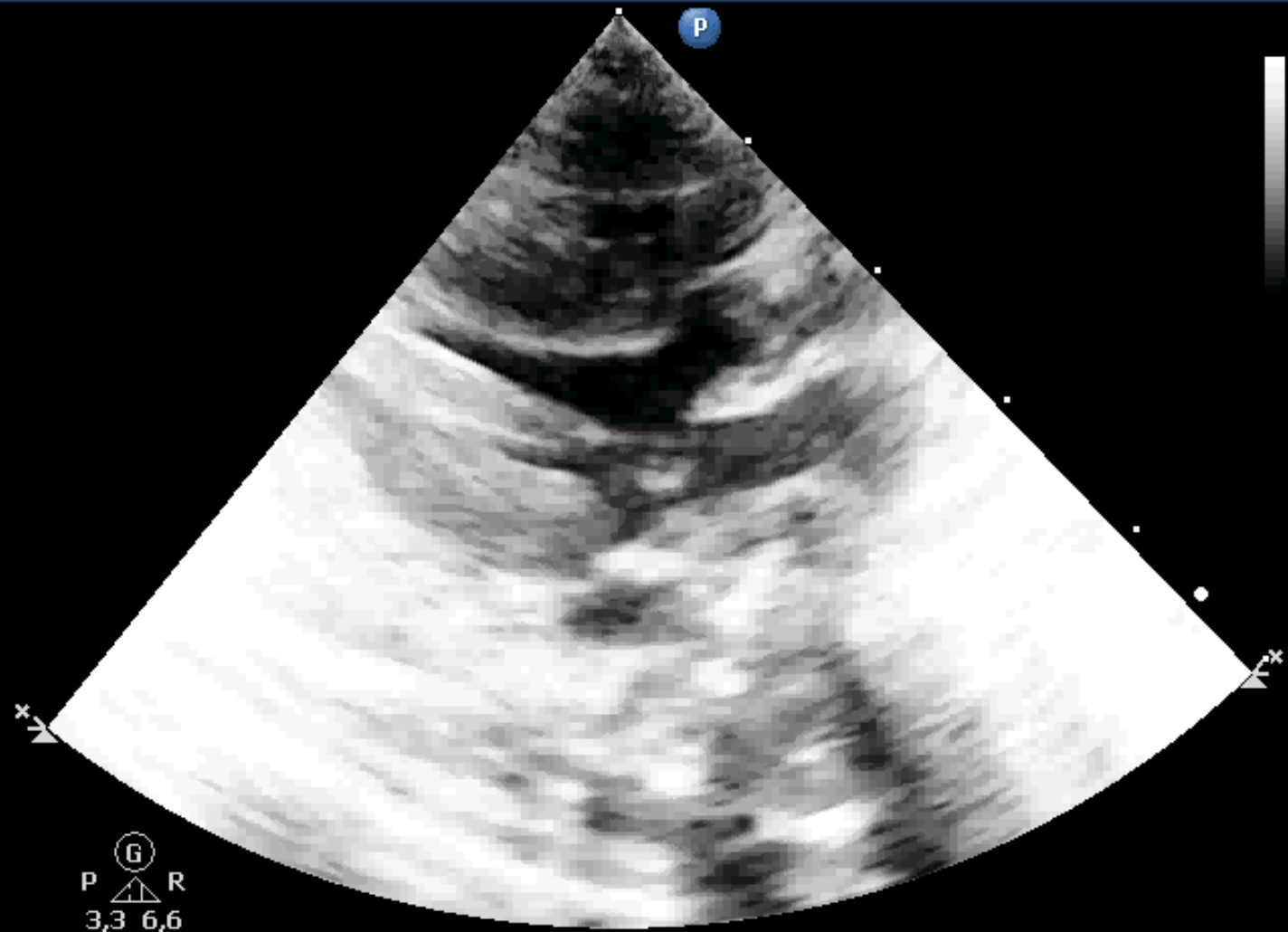
Fltr High

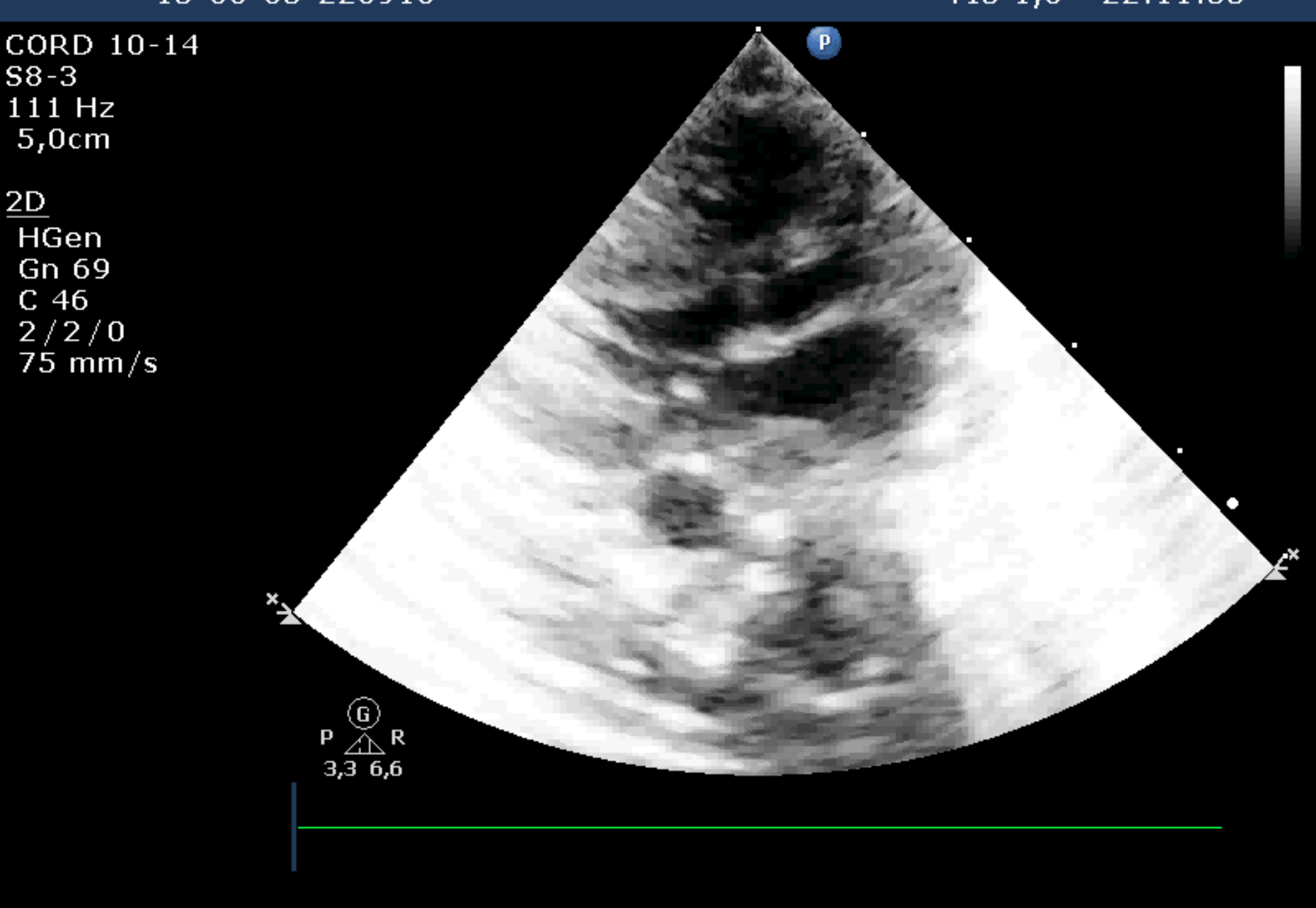


CORD 10-14
S8-3
111 Hz
5,0cm

2D

HGen
Gn 69
C 46
2 / 2 / 0
75 mm/s





CORD 10-14

S8-3

111 Hz

5,0cm

2D

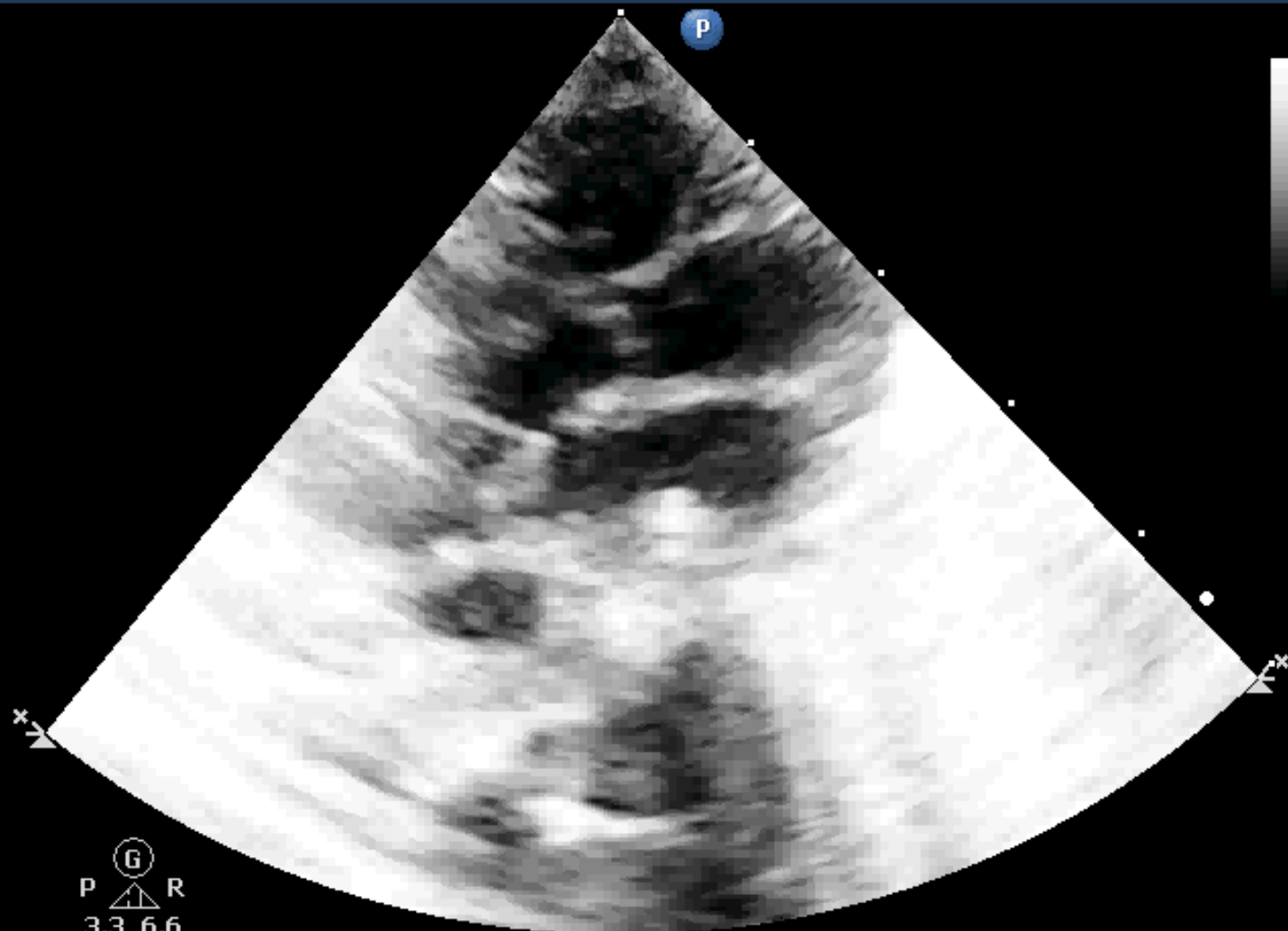
HGen

Gn 69

C 46

2/2/0

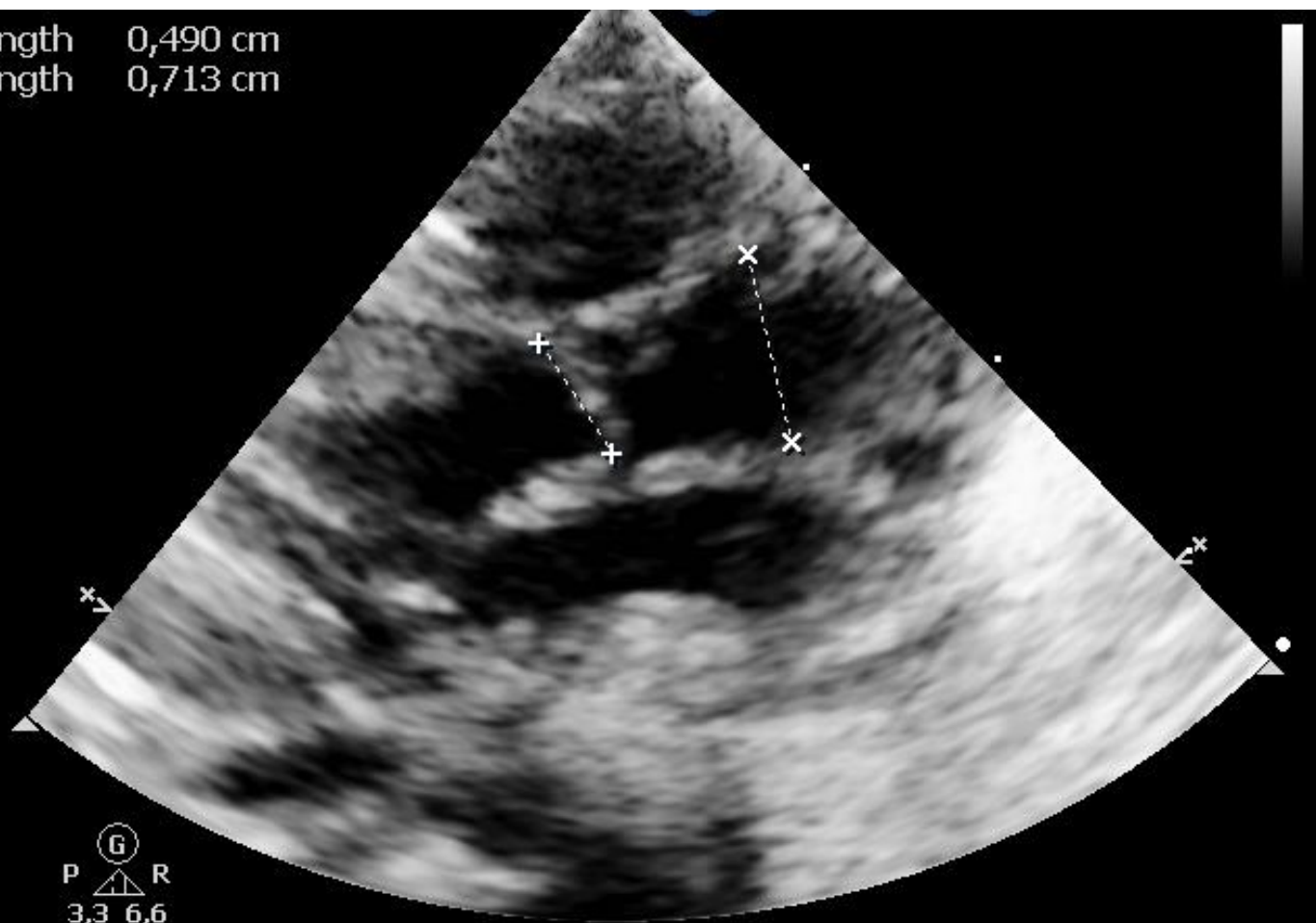
75 mm/s



S8-3
111 Hz
3,5cm

+ Length 0,490 cm
× Length 0,713 cm

2D
HGen
Gn 52
C 46
2/2/0
75 mm/s



CORD 10-14

S8-3

30 Hz

5,0cm

2D

HGen

Gn 69

C 46

2/2/0

75 mm/s

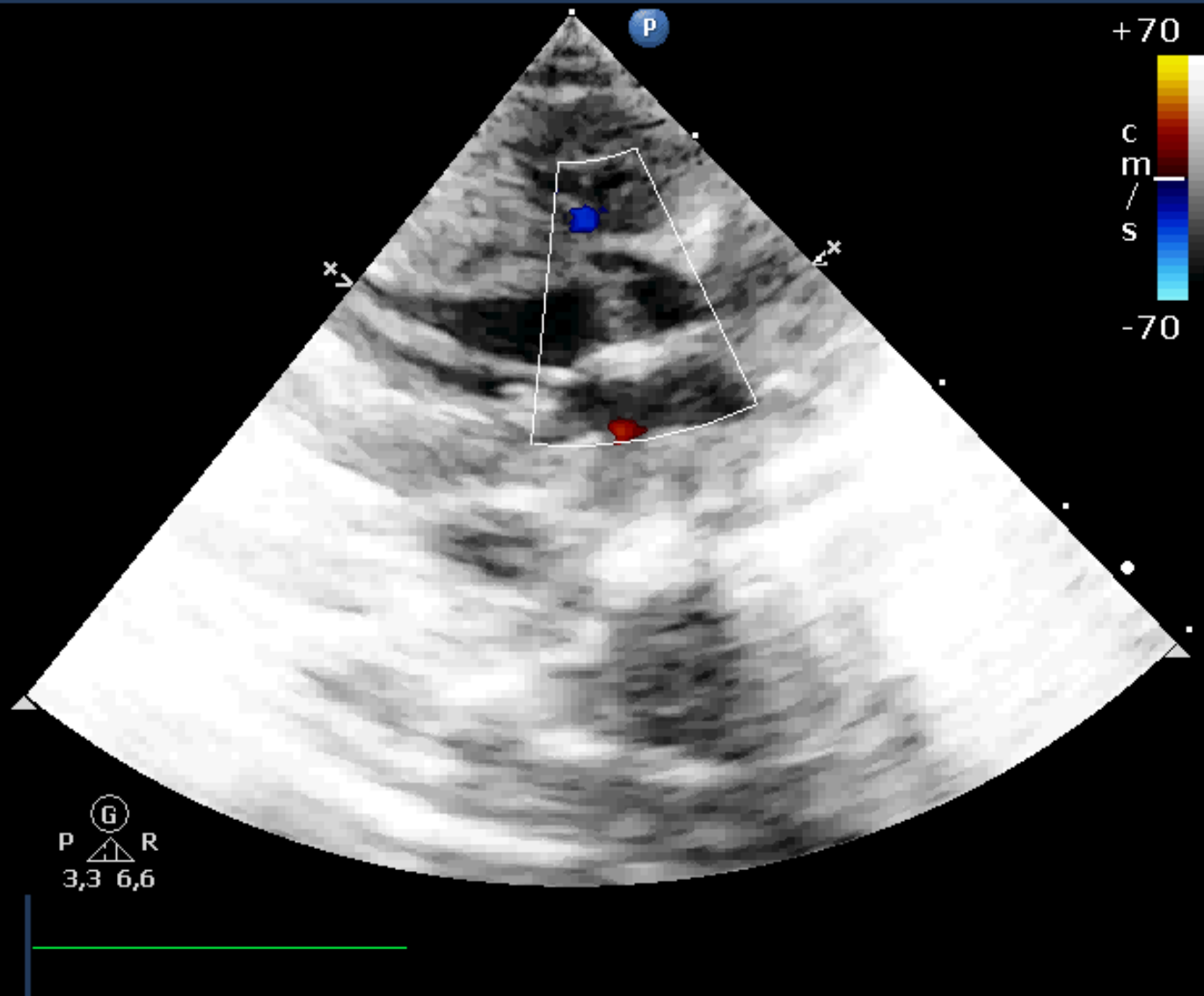
Color

3,1 MHz

Gn 73

4/7/2

Fltr High

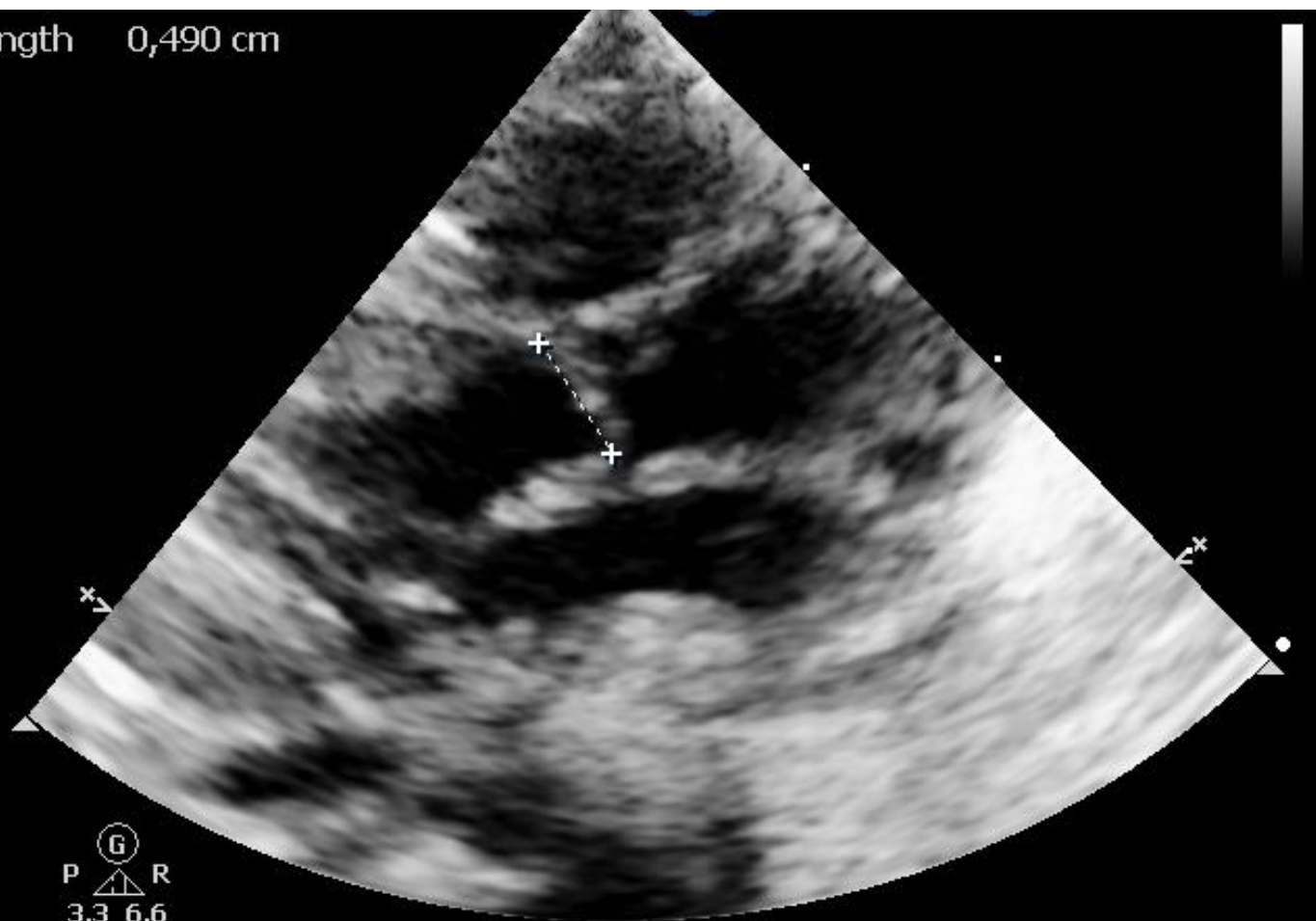


S8-3 + Length 0,490 cm

111 Hz
3,5cm

2D

HGen
Gn 52
C 46
2/2/0
75 mm/s



S8-3

111 Hz

3,5cm

2D

HGen

Gn 52

C 46

2/2/0

75 mm/s

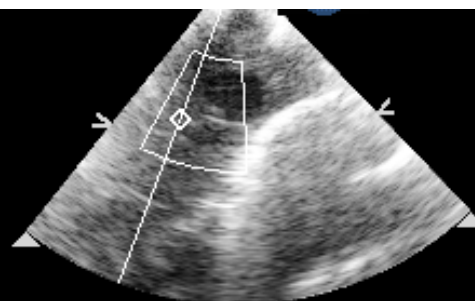


S8-3
5,0cm

2D

HGen
Gn 74
C 46
2/2/0

P  R
3,3 6,6



+70

c
m
/
s

-70

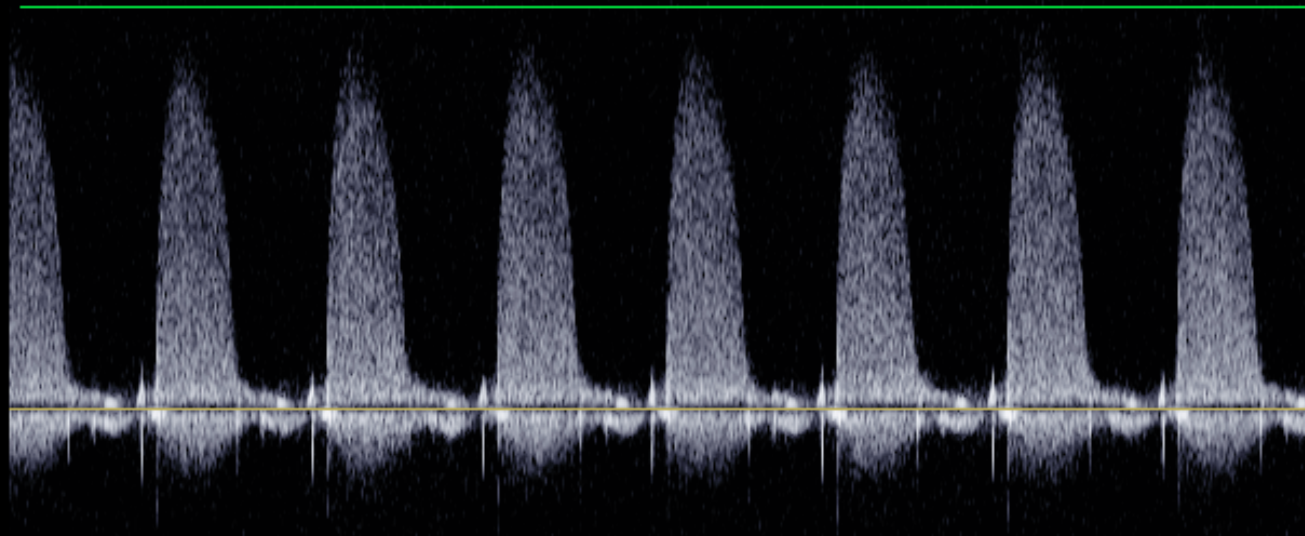
- 600

Color

3,1 MHz
Gn 73
4/7/2
Filtr High

CW

2,5 MHz
Gn 53
2,4 cm
Angle 0°
Filtr 400Hz
75 mm/s



- 400

- 200

- 0

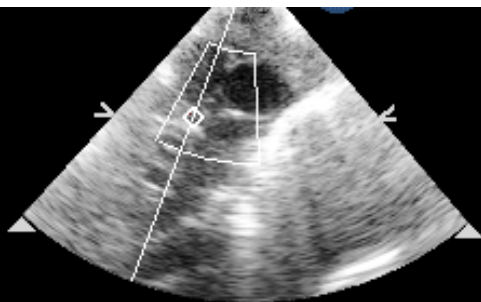
+
c
m
/
s
-

S8-3
5,0cm

2D
HGen
Gn 74
C 46
2/2/0

+ VTI 63,9 cm
Vmax 480 cm/s
Max PG 92,3 mmHg
Vmean 338 cm/s
Mean PG 54,9 mmHg

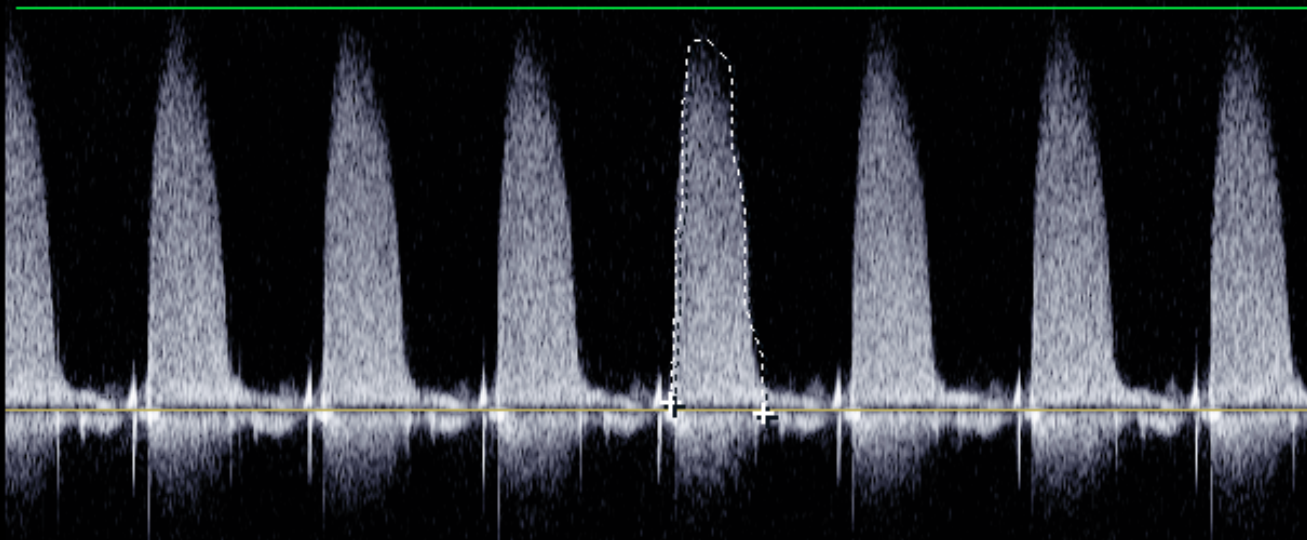
P R
3,3 6,6



+70
cm/s
-70
- 600

Color
3,1 MHz
Gn 73
4/7/2
Filtr High

CW
2,5 MHz
Gn 53
2,4 cm
Angle 0°
Filtr 400Hz
75 mm/s



+
cm/s
-
- 200
- 400
0

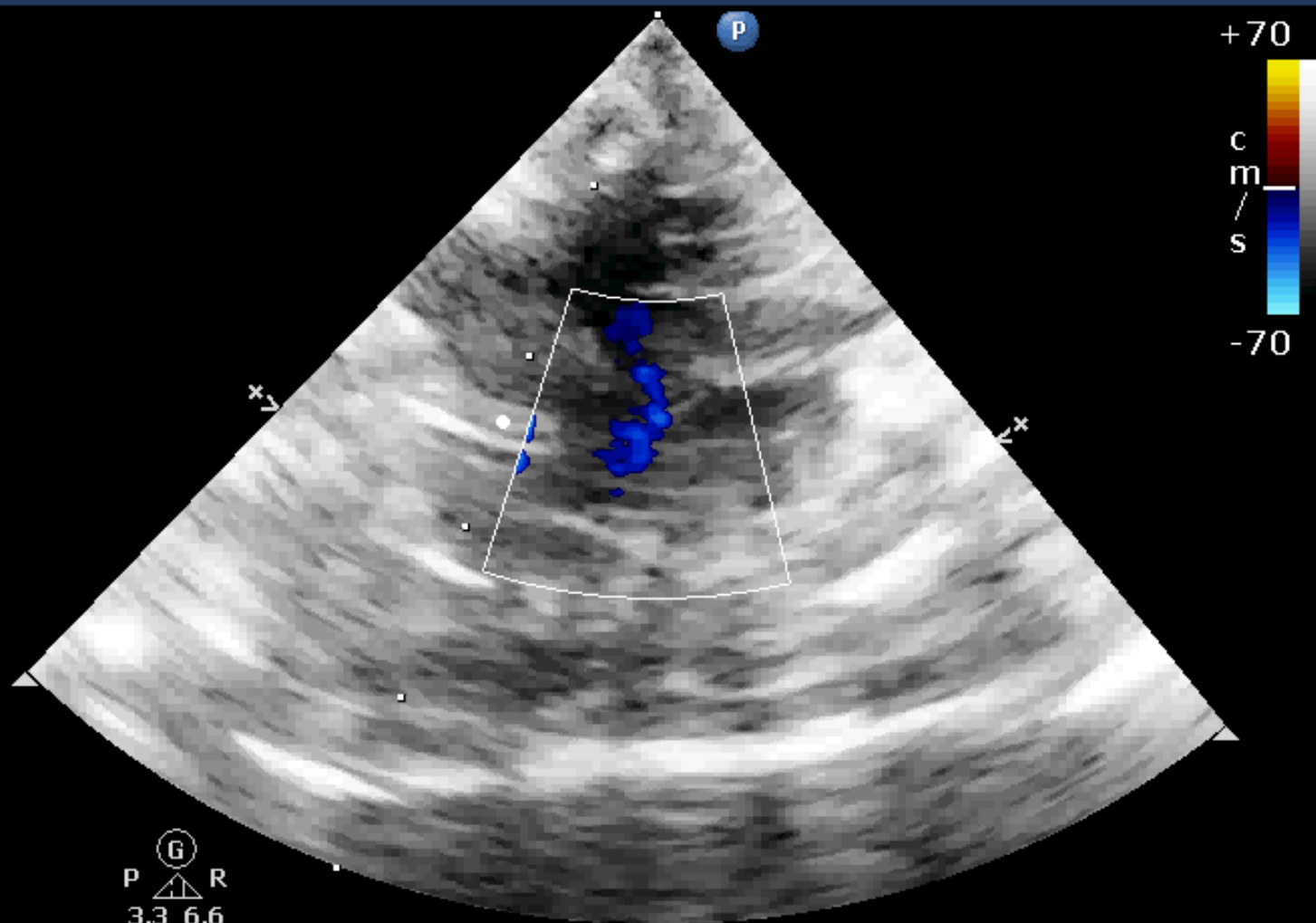
CORD 10-14
S8-3
30 Hz
5,0cm

2D

HGen
Gn 68
C 46
2/2/0
75 mm/s

Color

3,1 MHz
Gn 79
4/7/2
Fltr High



P  R
3,3 6,6

S8-3
30 Hz
5,0cm

2D
HGen
Gn 68
C 46
2/2/0
75 mm/s

Color
3,1 MHz
Gn 79
4/7/2
Fltr High

cm
/s
-70

G
P R
3,3 6,6

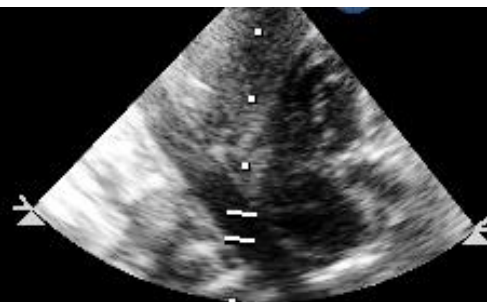
S8-3
5,0cm

+ Vel 12,4 cm/s
PG 0,061 mmHg

2D

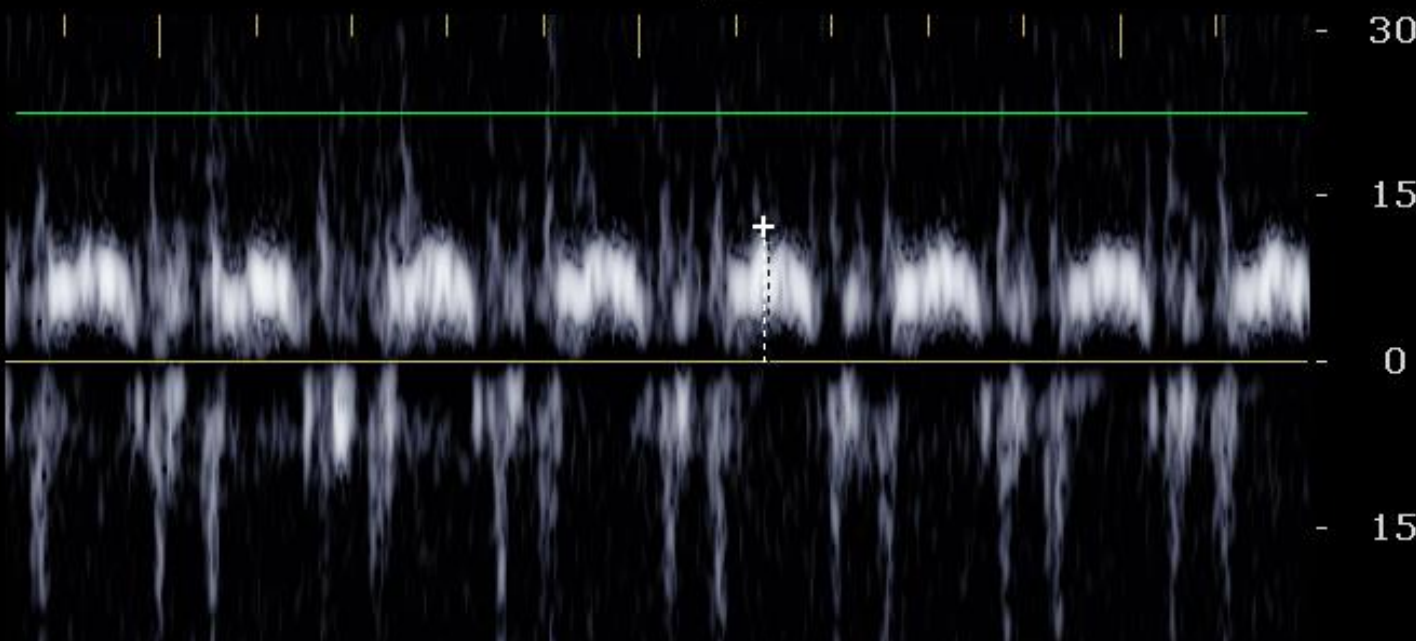
HGen
Gn 68
C 46
2/2/0

⊙
P R
3,3 6,6



PW

2,7 MHz
Gn 54
3,9 cm
Angle 0°
Filtr 200Hz
75 mm/s

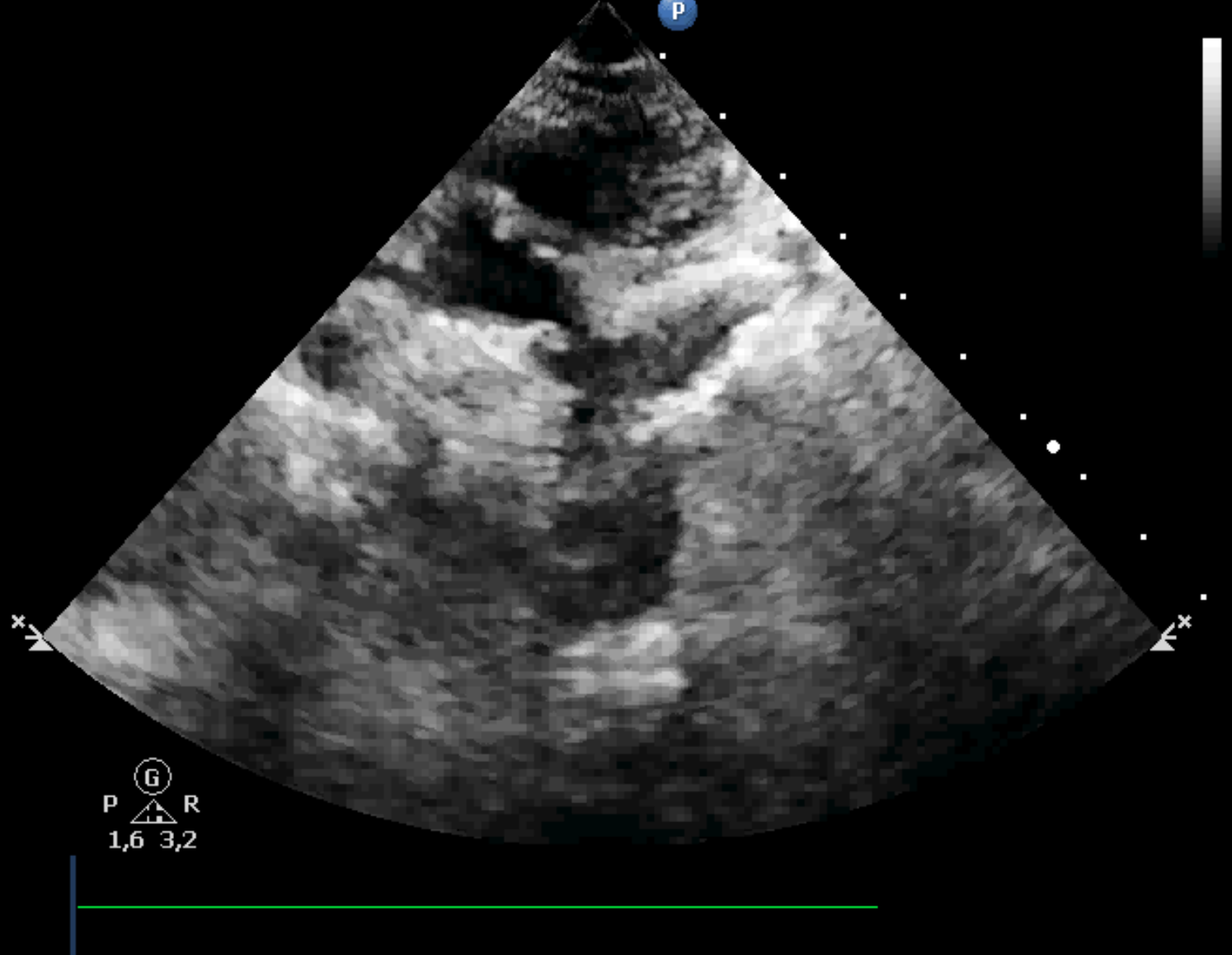


Caz /4

S5-1 NEW
S5-1
40 Hz
10,0cm

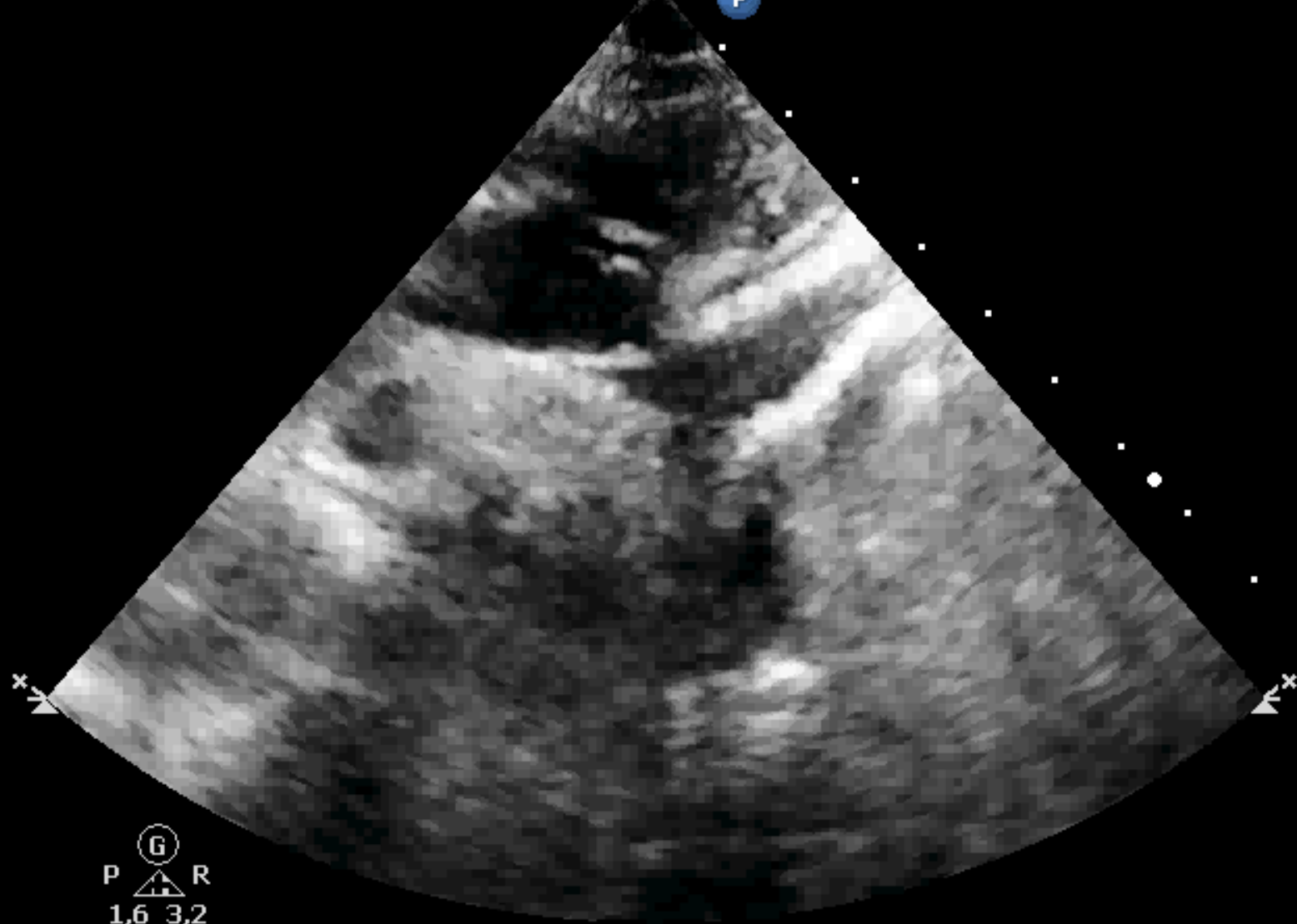
2D

HGen
Gn 30
C 50
2 / 2 / 3
75 mm/s

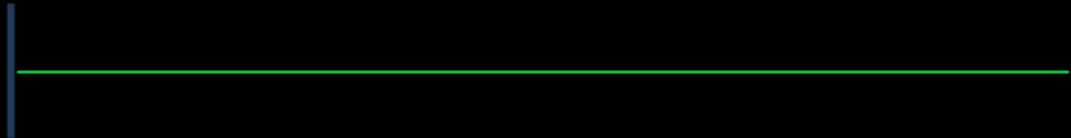


1 NEW
-1
Hz
0cm

Gen
n 30
50
/ 2 / 3
5 mm/s

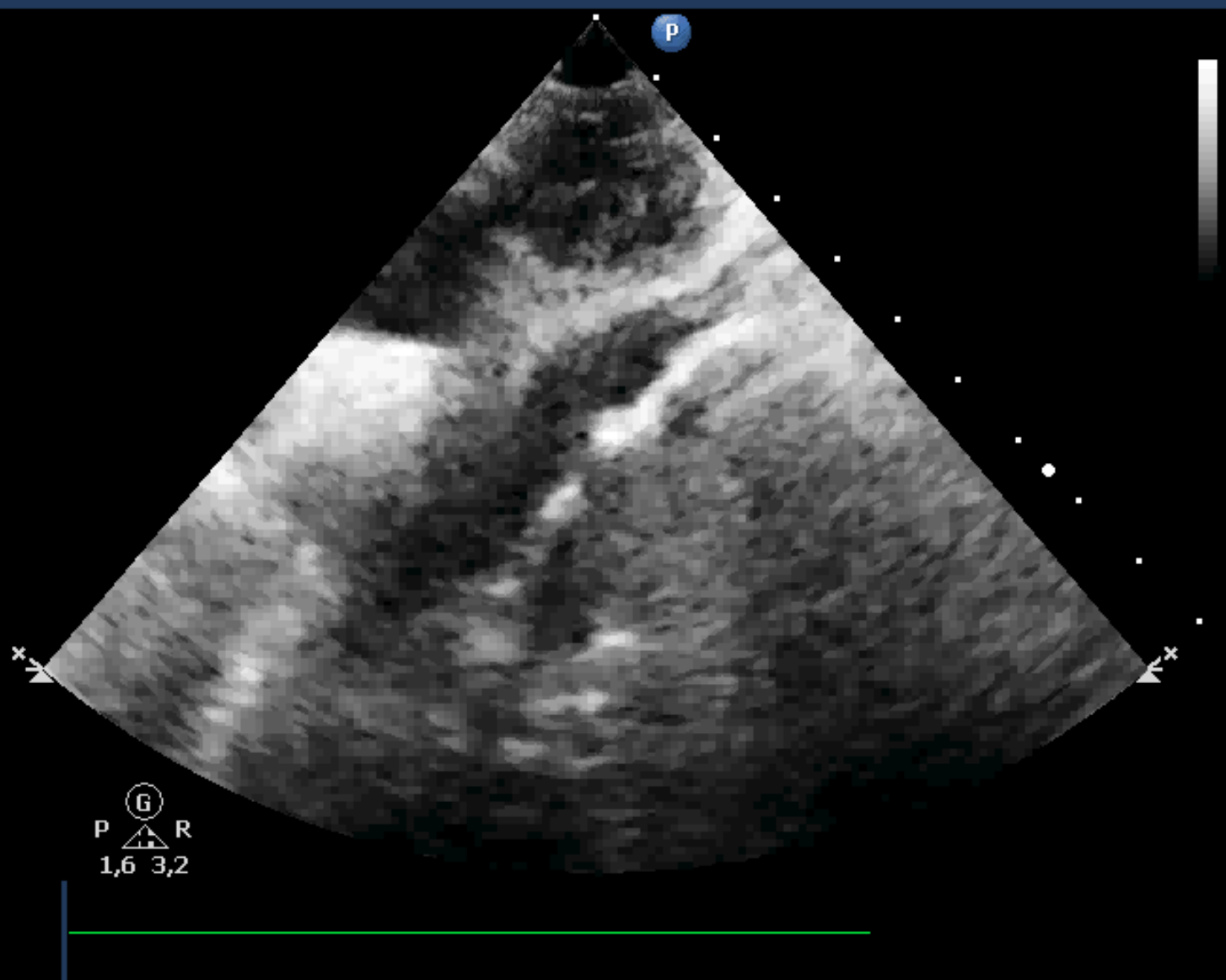


Ⓔ
P Ⓔ R
1,6 3,2



S5-1 NEW
S5-1
40 Hz
10,0cm

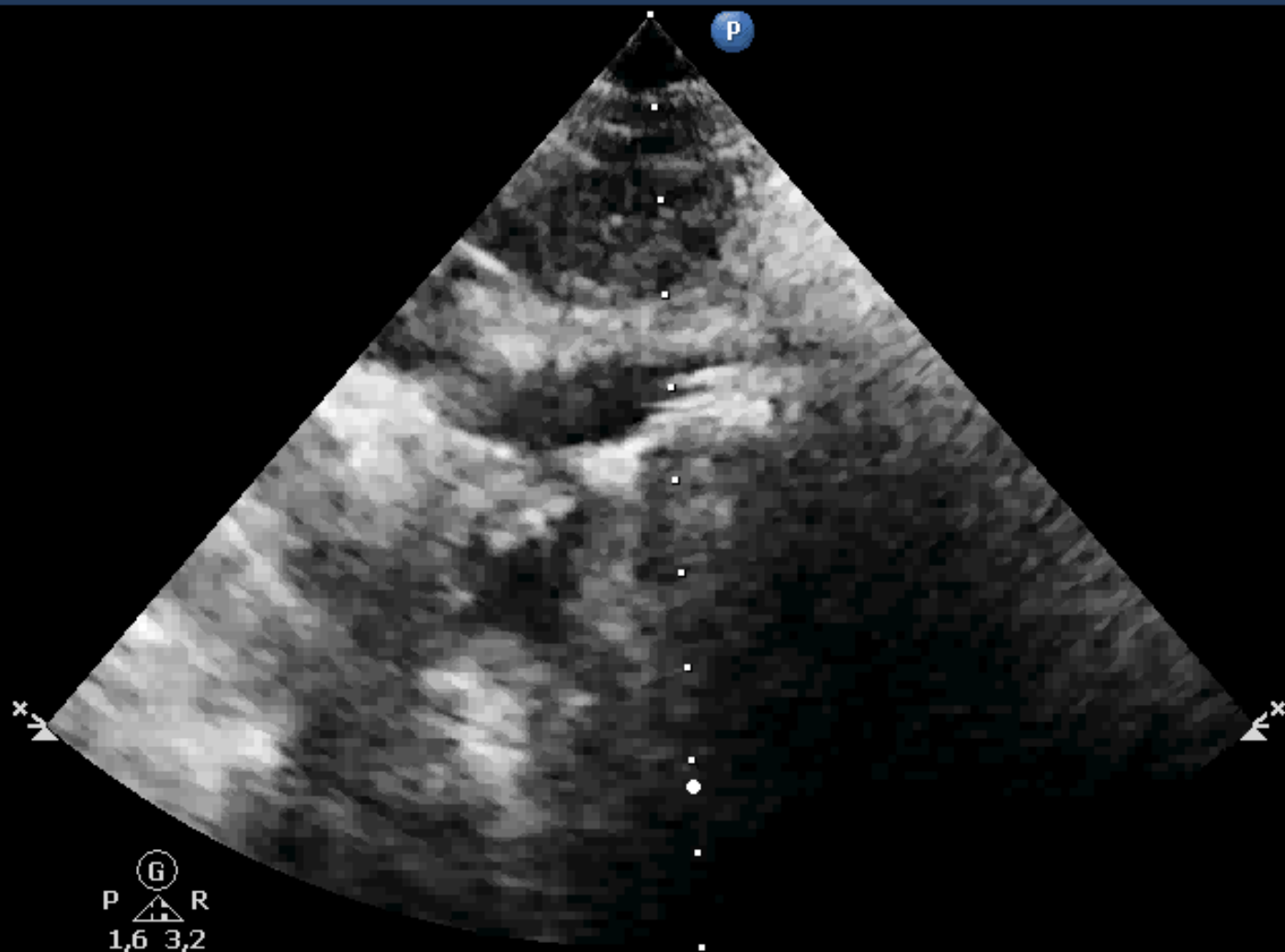
2D
HGen
Gn 30
C 50
2 / 2 / 3
75 mm/s



S5-1 NEW
S5-1
40 Hz
10,0cm

2D

HGen
Gn 30
C 50
2 / 2 / 3
75 mm/s



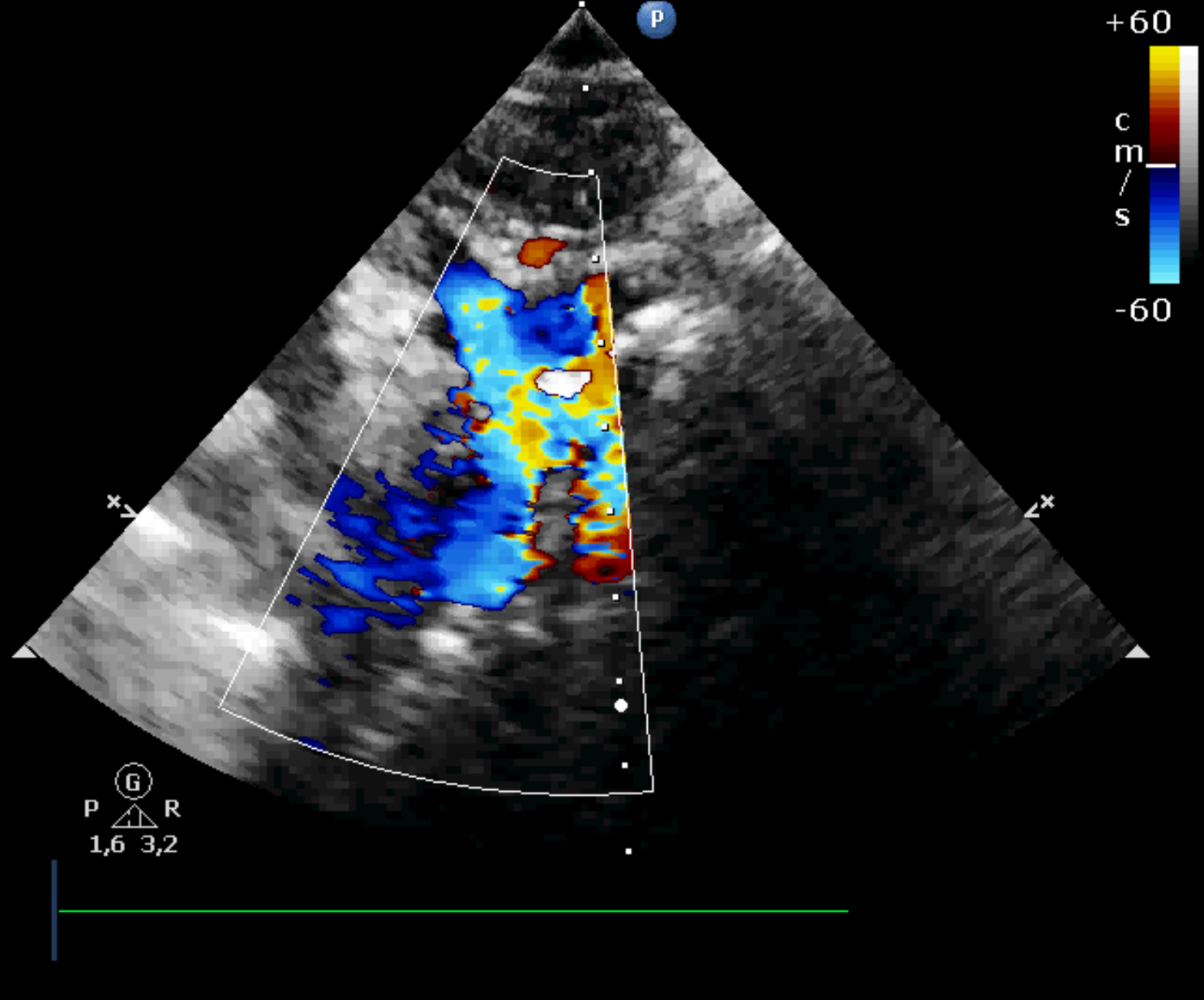
S5-1 NEW
S5-1
19 Hz
10,0cm

2D

HGen
Gn 30
C 50
2/2/0
75 mm/s

Color

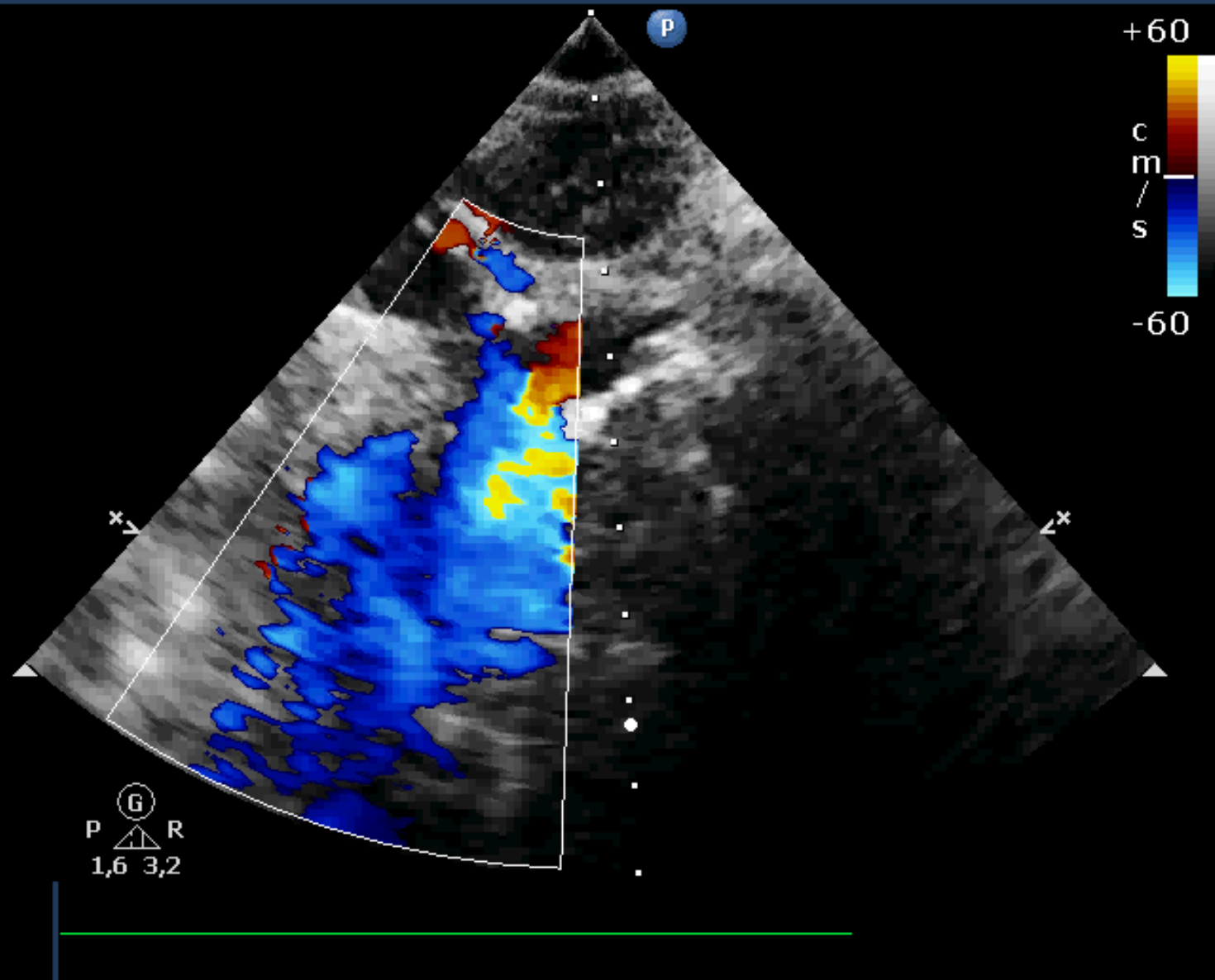
2,5 MHz
Gn 51
4/7/2
Filtr High



S5-1 NEW
S5-1
19 Hz
10,0cm

2D
HGen
Gn 30
C 50
2/2/0
75 mm/s

Color
2,5 MHz
Gn 51
4/7/2
Filtr High

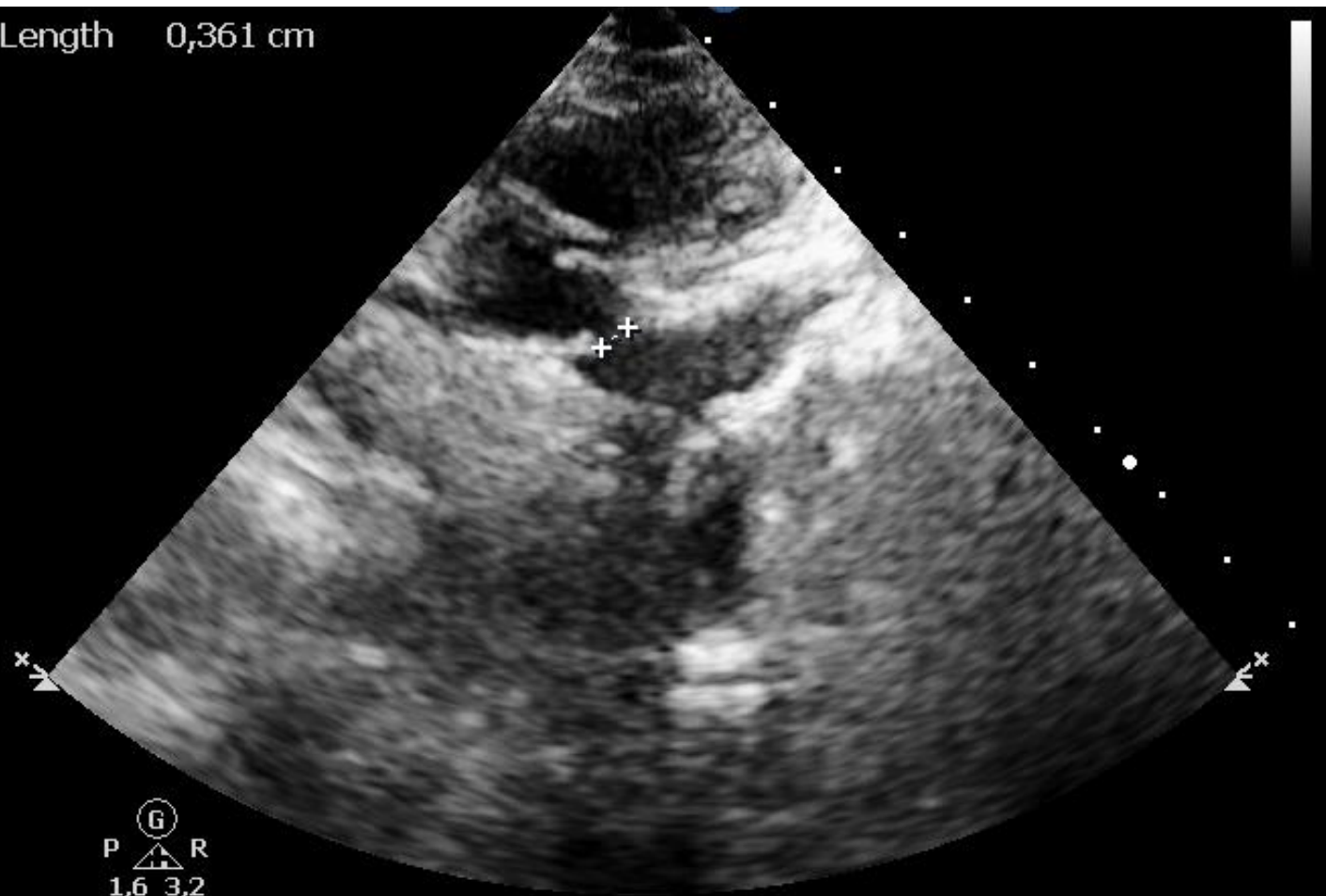


S5-1 + Length 0,361 cm

40 Hz
10,0cm

2D

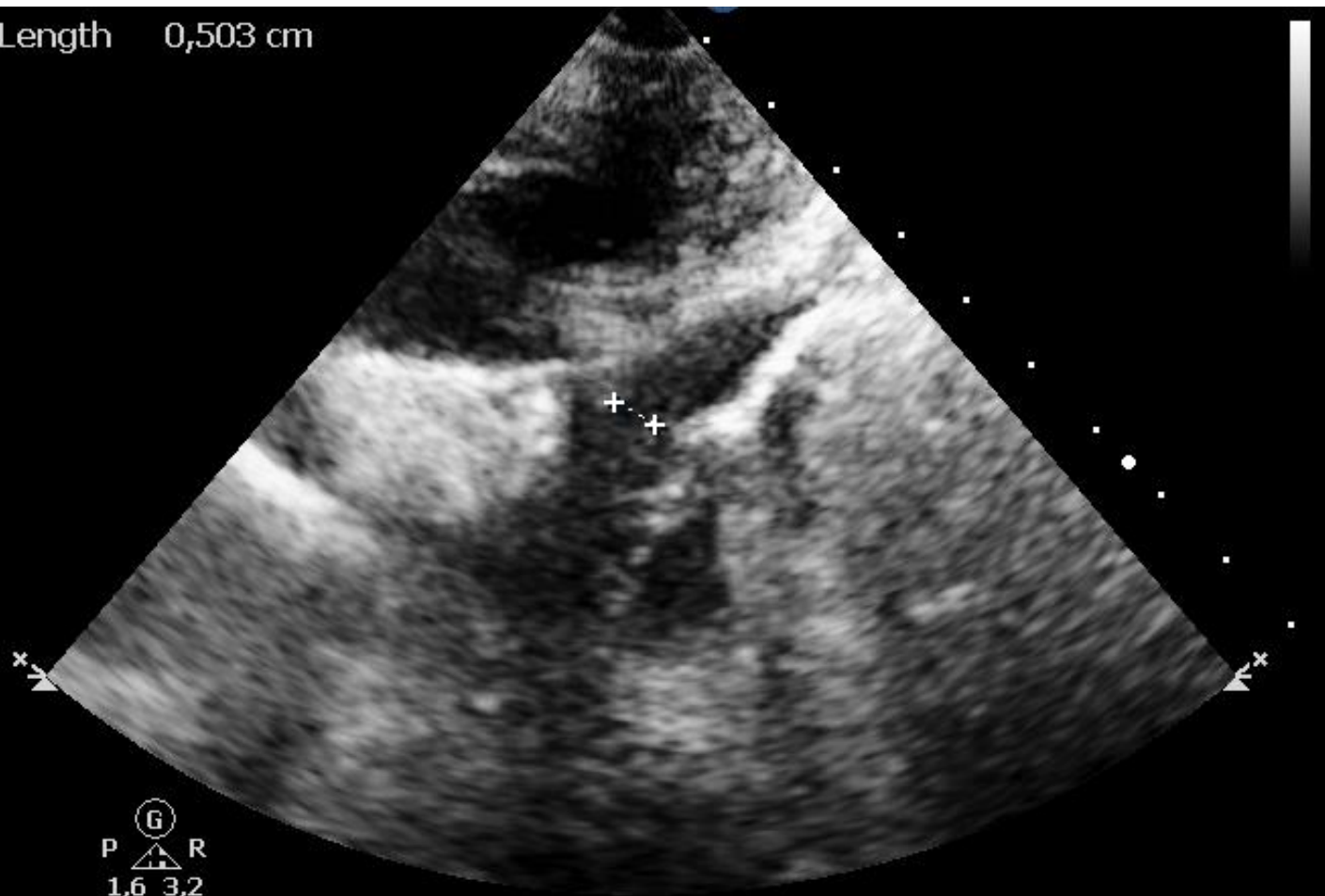
HGen
Gn 30
C 50
2/2/3
75 mm/s



S5-1
40 Hz
10,0cm

+ Length 0,503 cm

2D
HGen
Gn 30
C 50
2/2/3
75 mm/s



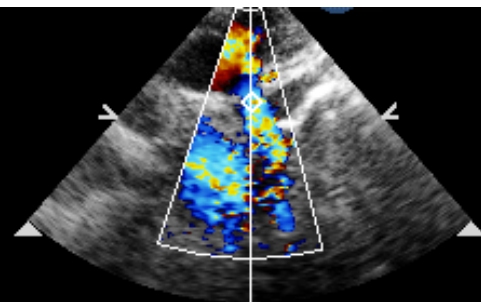
S5-1
10,0cm

+ Vel 411 cm/s
PG 67,5 mmHg

2D

HGen
Gn 30
C 50
2/2/0

⊙
P R
1,6 3,2



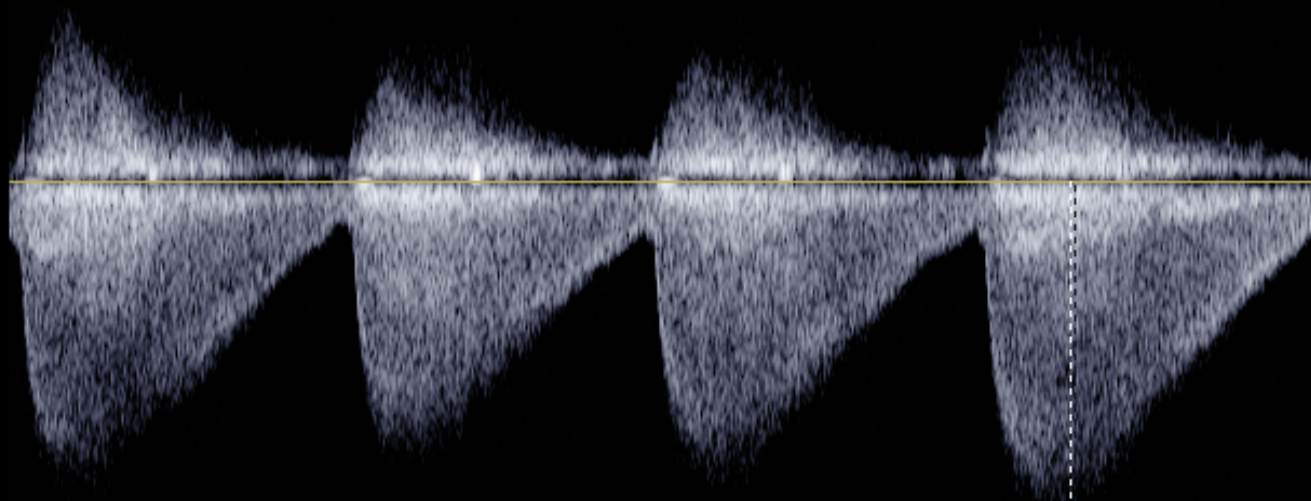
+60
cm/s
-60

Color

2,5 MHz
Gn 51
4/7/2
Filtr High

CW

1,7 MHz
Gn 32
4,0 cm
Angle 0°
Filtr 400Hz
75 mm/s



- 200

+
cm/s
- 200

S5-1
10,0cm

2D

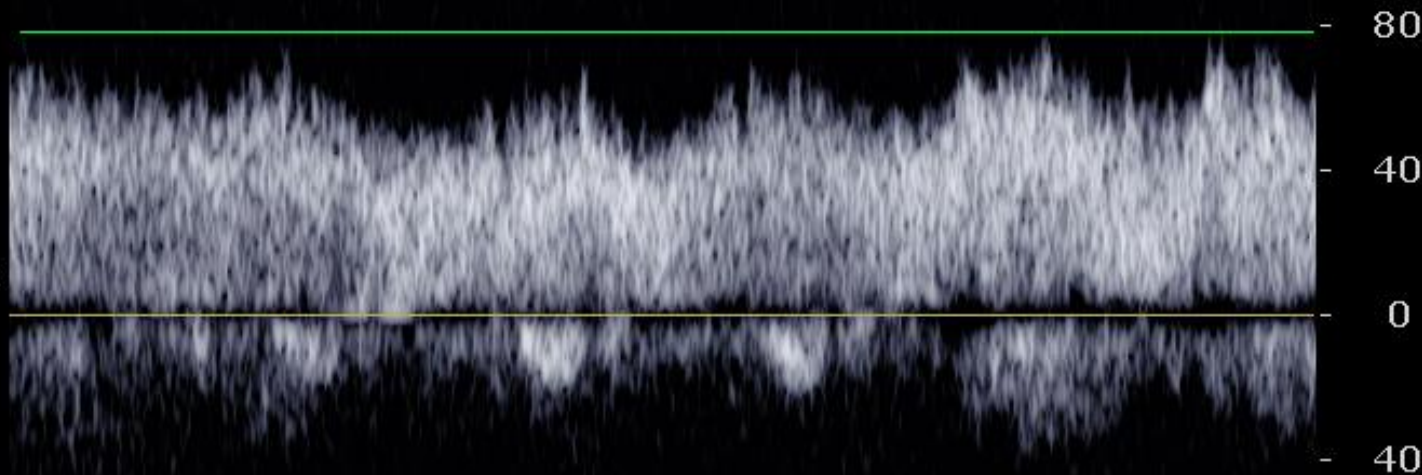
HGen
Gn 30
C 50
2/2/3

P  R
1,6 3,2



PW

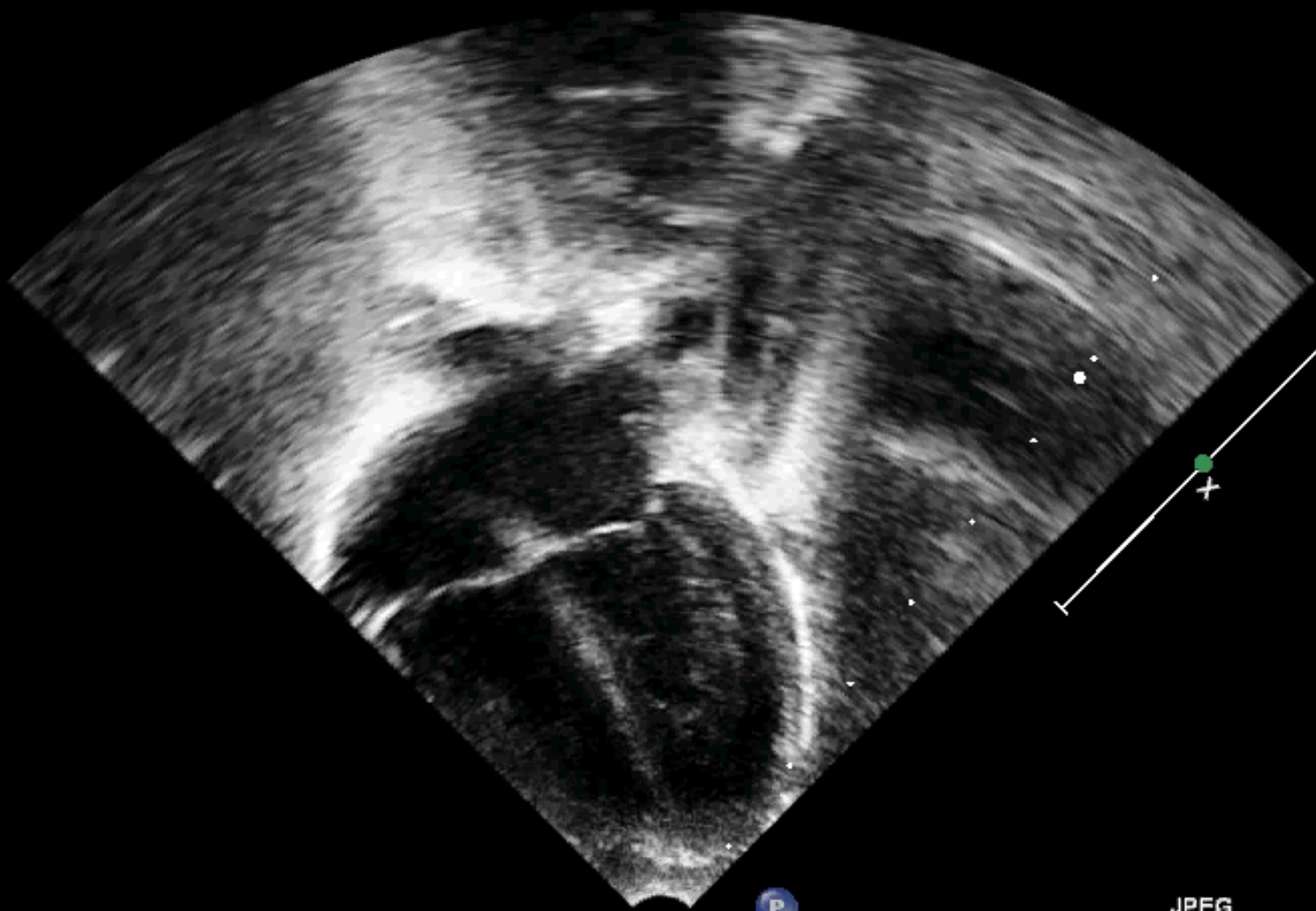
1,8 MHz
Gn 50
8,3 cm
Angle 0°
Filtr 200Hz
75 mm/s



Caz /5

FR 61Hz
9.0cm

2D
63%
C 50
P Off
Res



M3



P

JPEG

*** bpm

FR 61Hz

7.0cm

2D

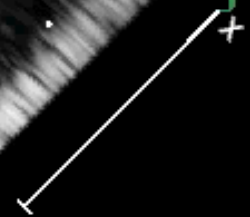
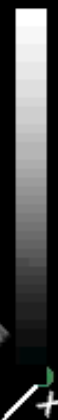
59%

C 50

P Off

Res

M3



P

JPEG

*** bpm

FR 61Hz
7.0cm

2D
59%
C 50
P Off
Res

M3



P

JPEG

*** bpm

7.0cm

2D

70%

C 50

P Off

Res

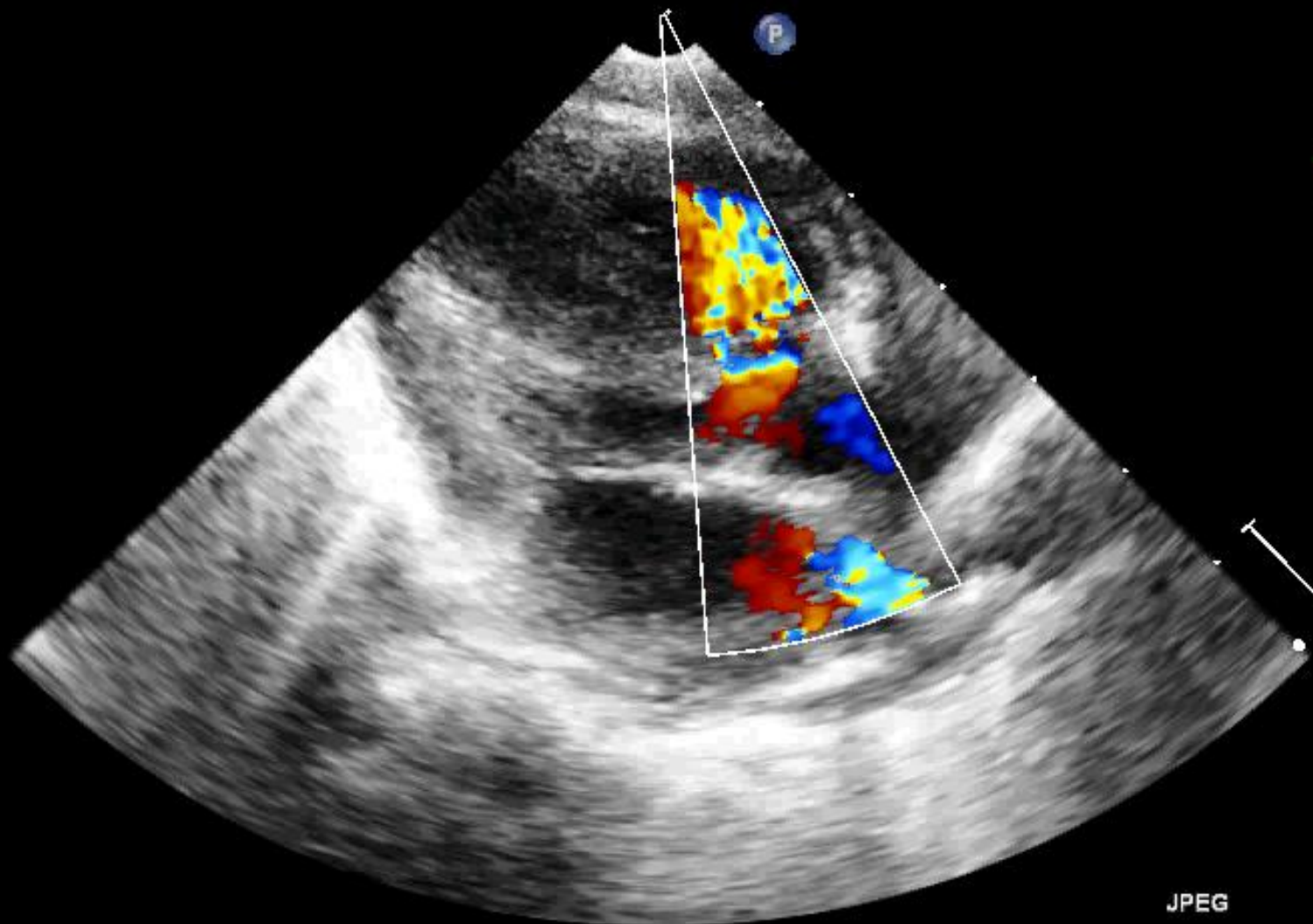
CF

77%

3.0MHz

WF High

Med



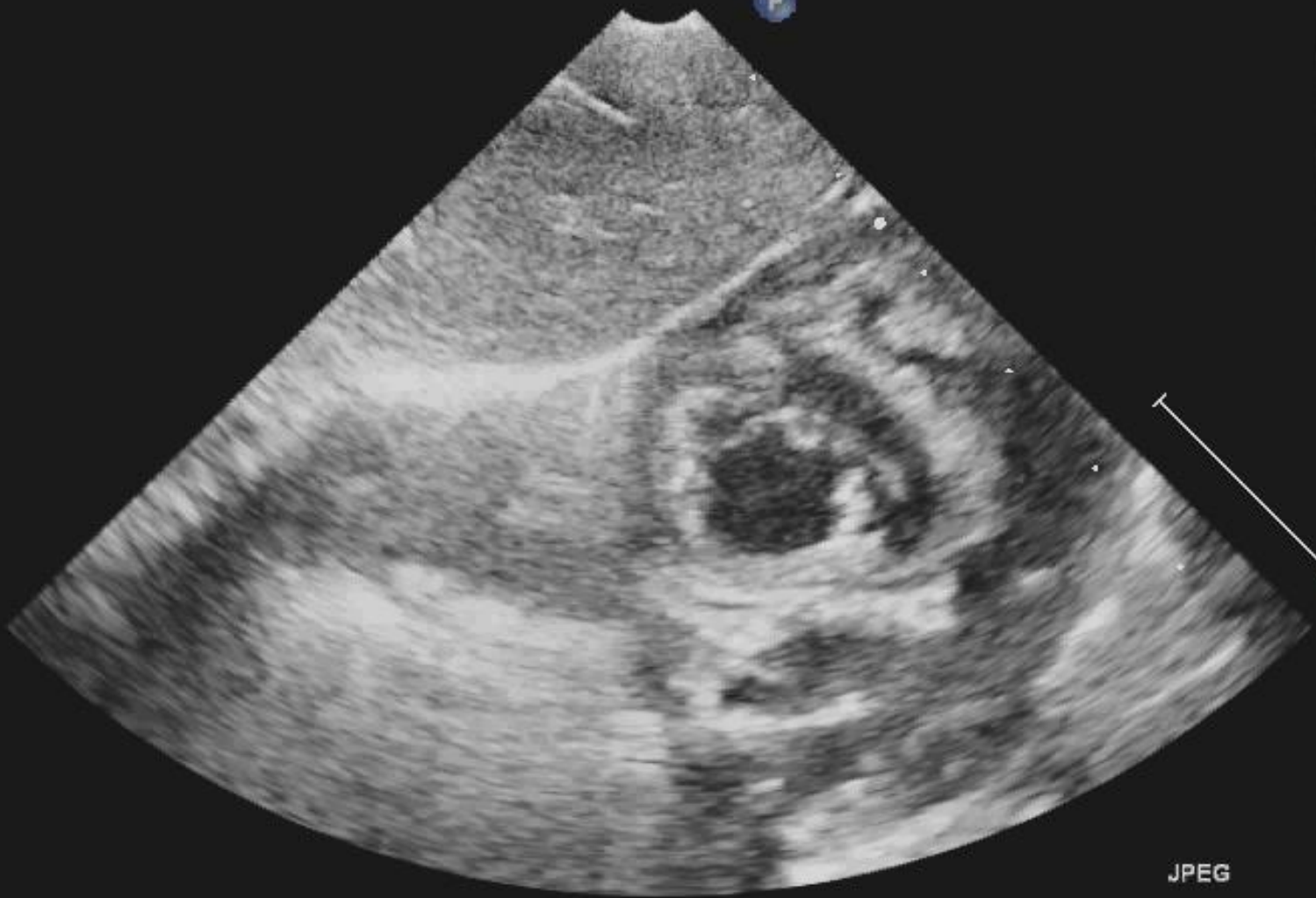
JPEG

*** bpm

FR 61Hz
7.0cm

M3

2D
64%
C 50
P Off
Res



JPEG

*** bpm

61Hz
cm

%
0
off
s

G
R



JPEG

*** bpm

PHILIPS

stavarunn polizu

24/07/2015

10:44:47

TIS1.7

MI 0.7

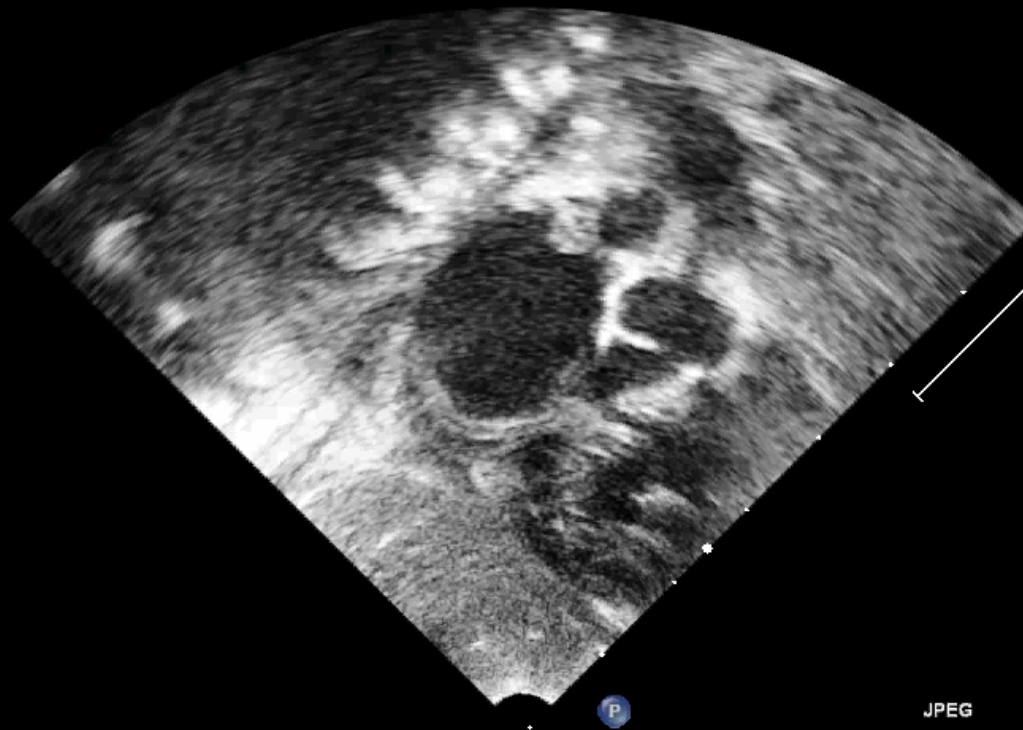
54331020150724

S8-3/PEDCHD3

FR 61Hz
7.0cm

M3

2D
64%
C 50
P Off
Res

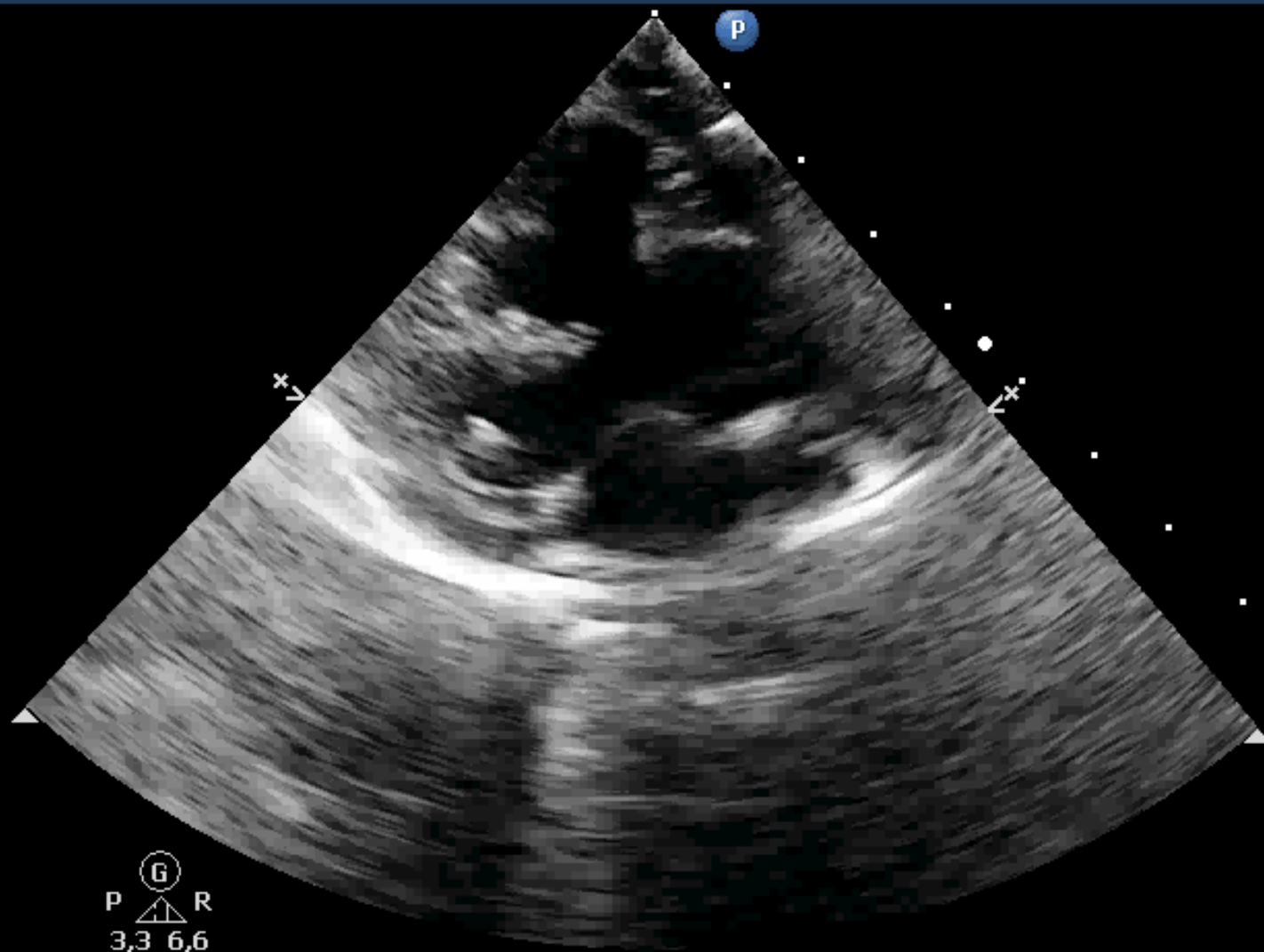


JPEG

*** bpm

Caz/6

2D
HGen
Gn 58
C 46
2 / 2 / 0
75 mm/s



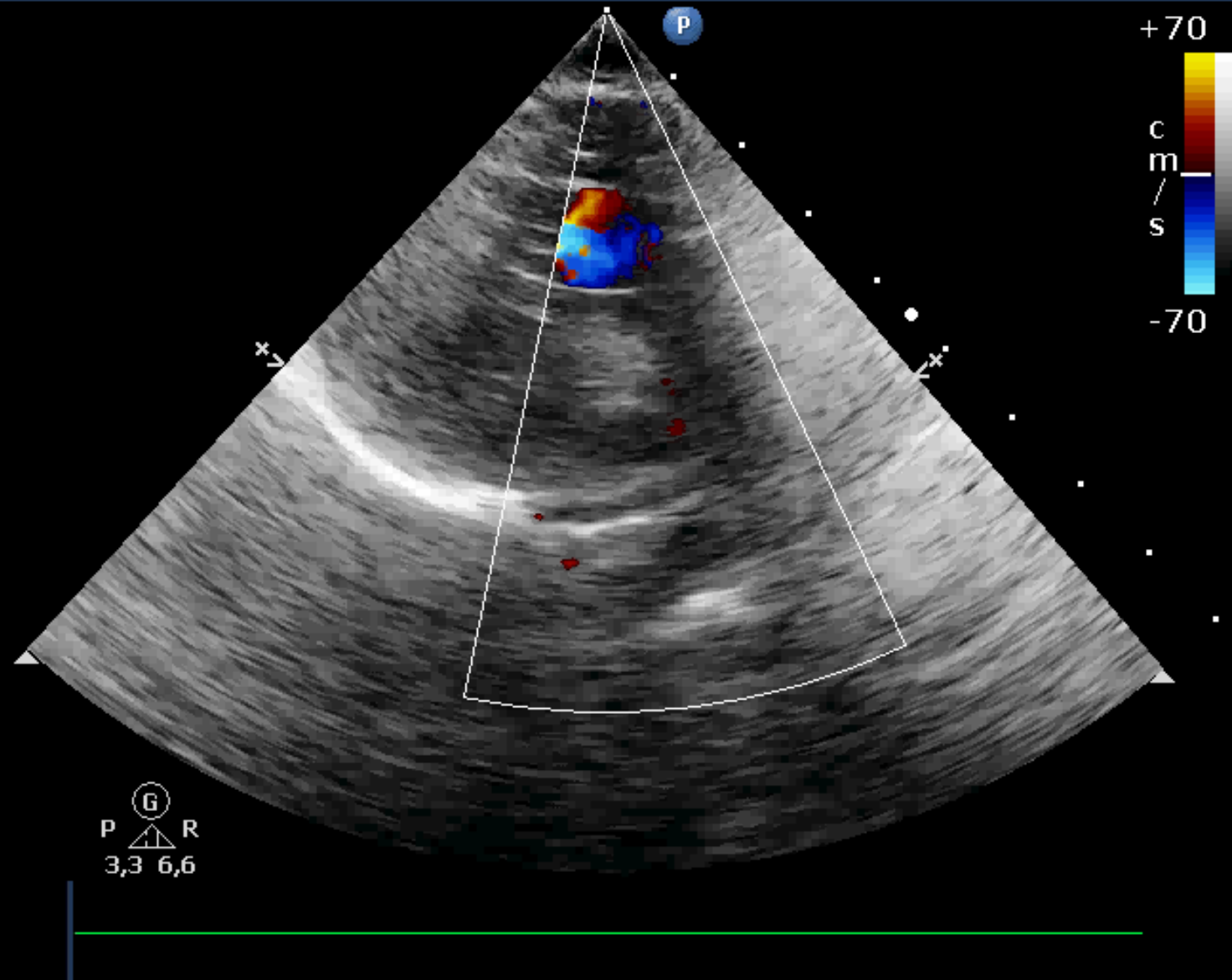
CORD 10-14
S8-3
22 Hz
9,0cm

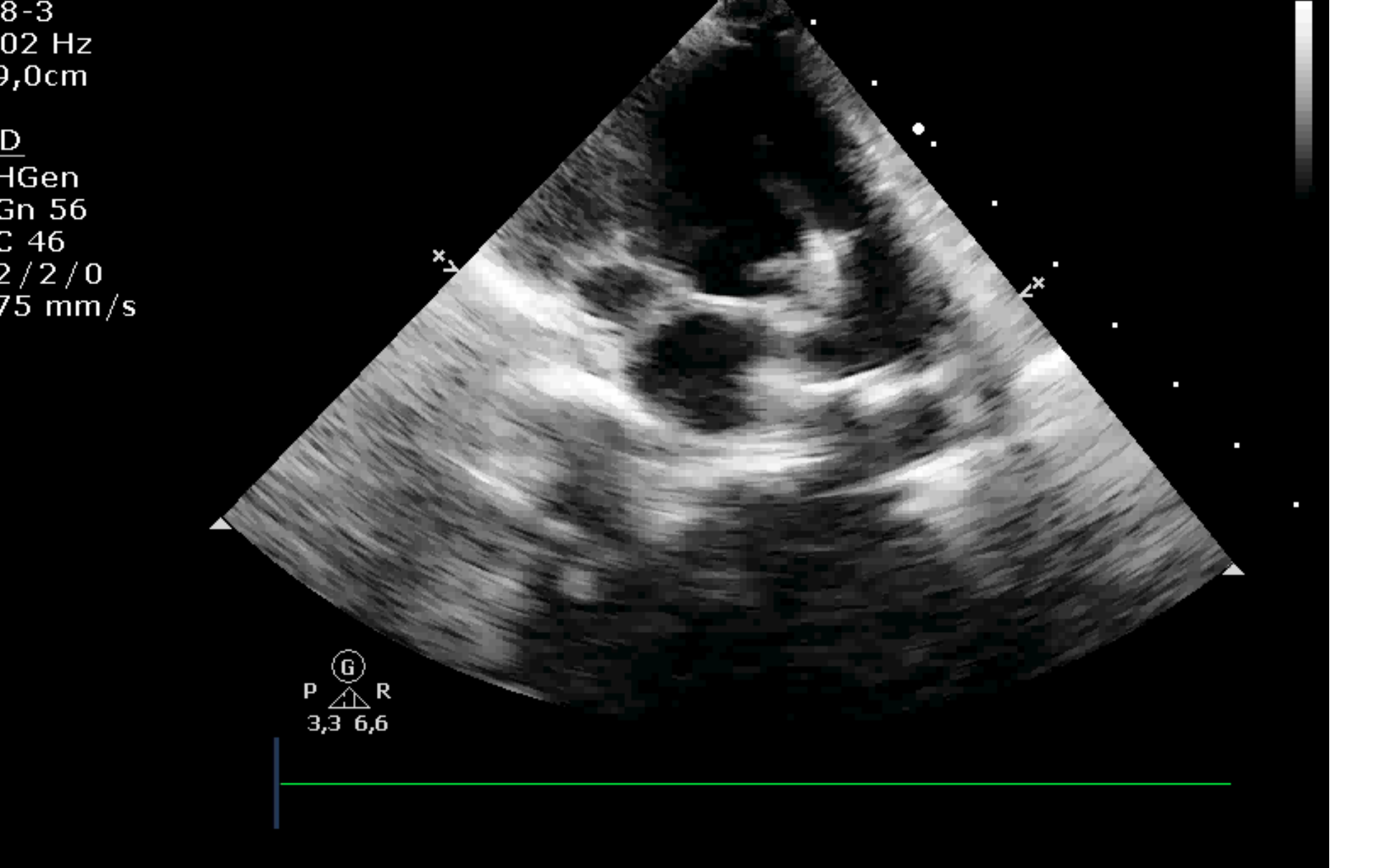
2D

HGen
Gn 58
C 46
2/2/0
75 mm/s

Color

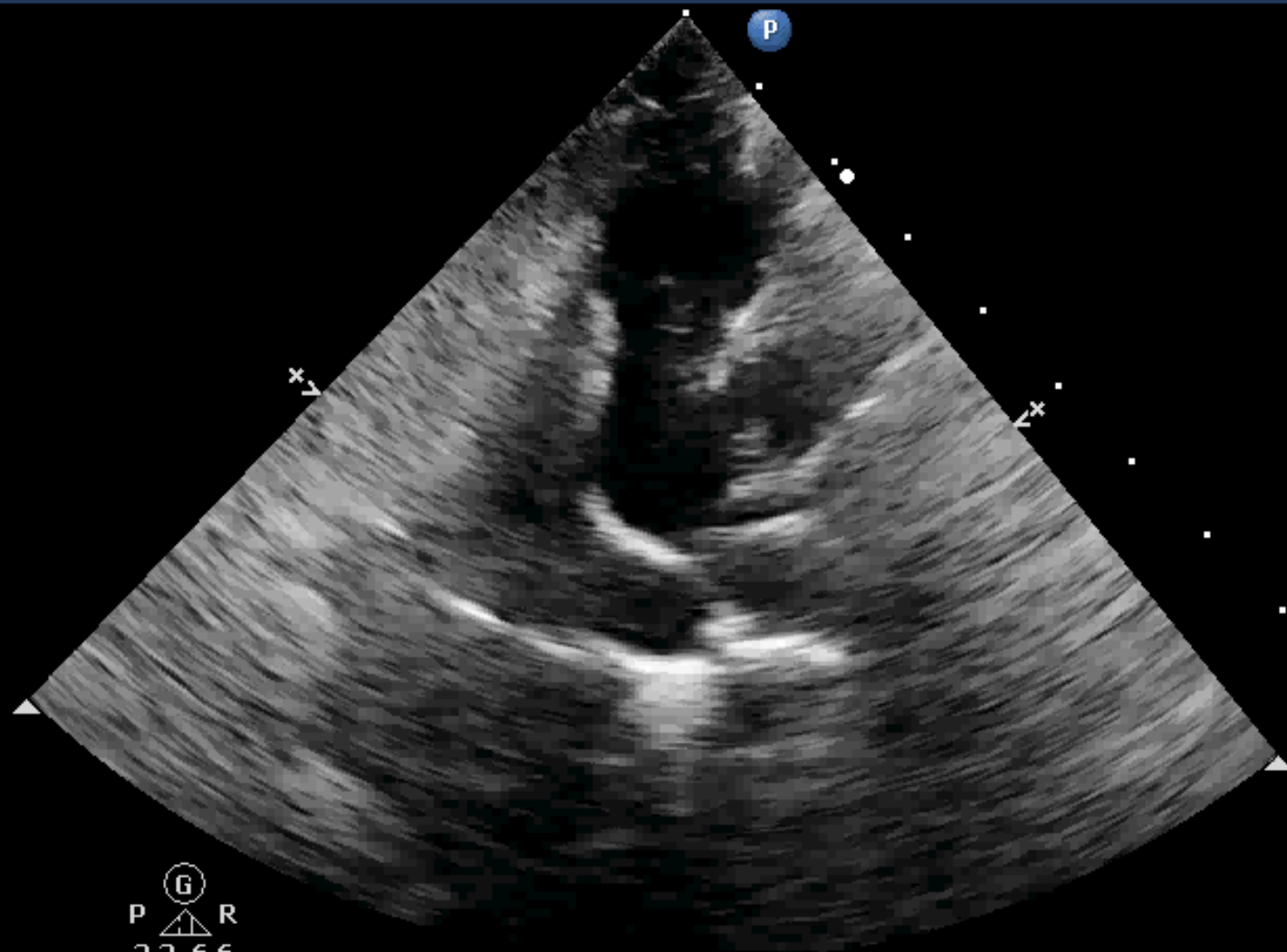
3,1 MHz
Gn 86
4/7/2
Filtr High





CORD 10-14
S8-3
102 Hz
9,0cm

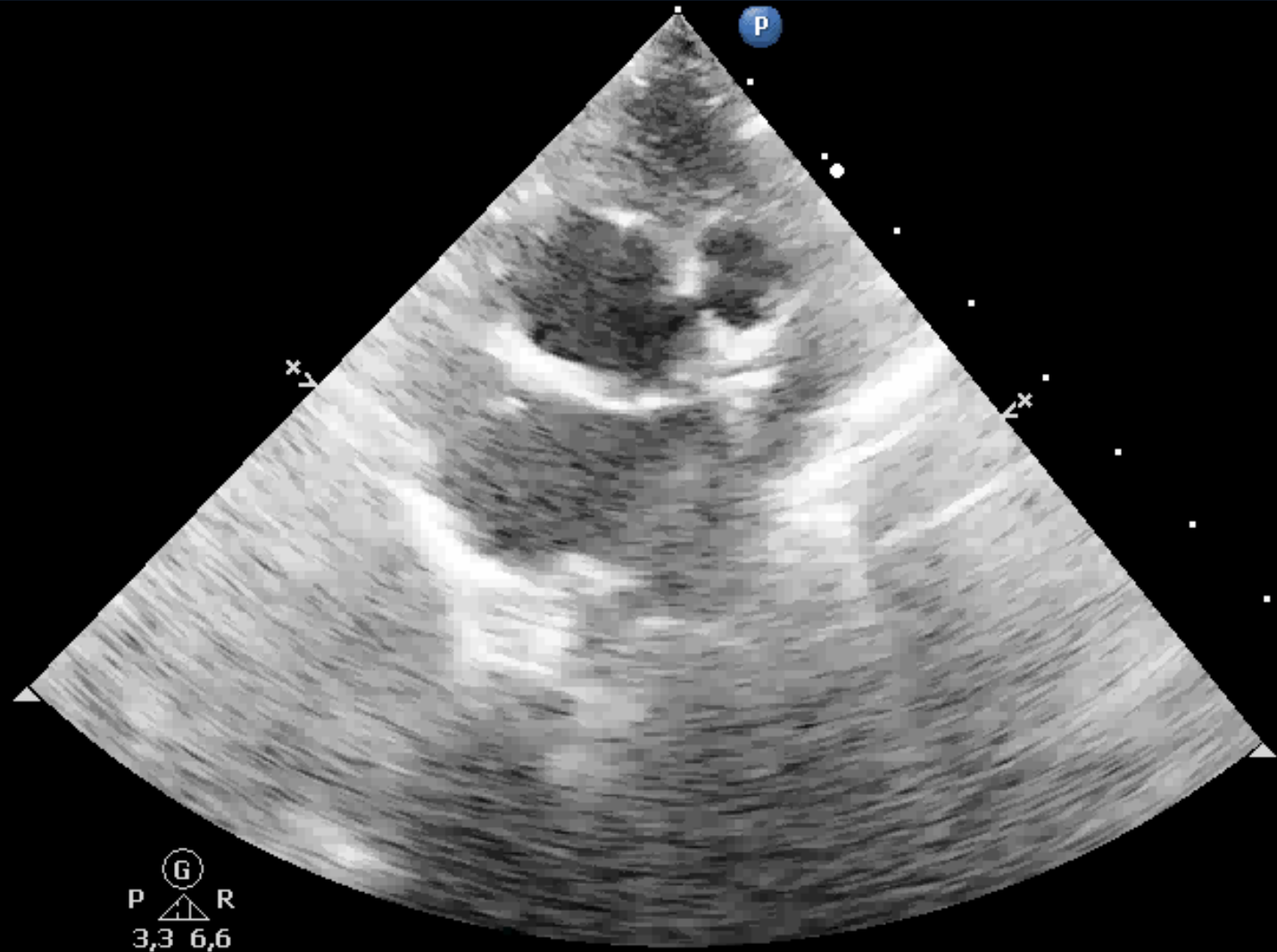
2D
HGen
Gn 58
C 46
2/2/0
75 mm/s



G
P R
3,3 6,6

CORD 10-14
8-3
02 Hz
9,0cm

D
HGen
Gn 78
C 46
2/2/0
75 mm/s



Ⓔ
P △ R
3,3 6,6

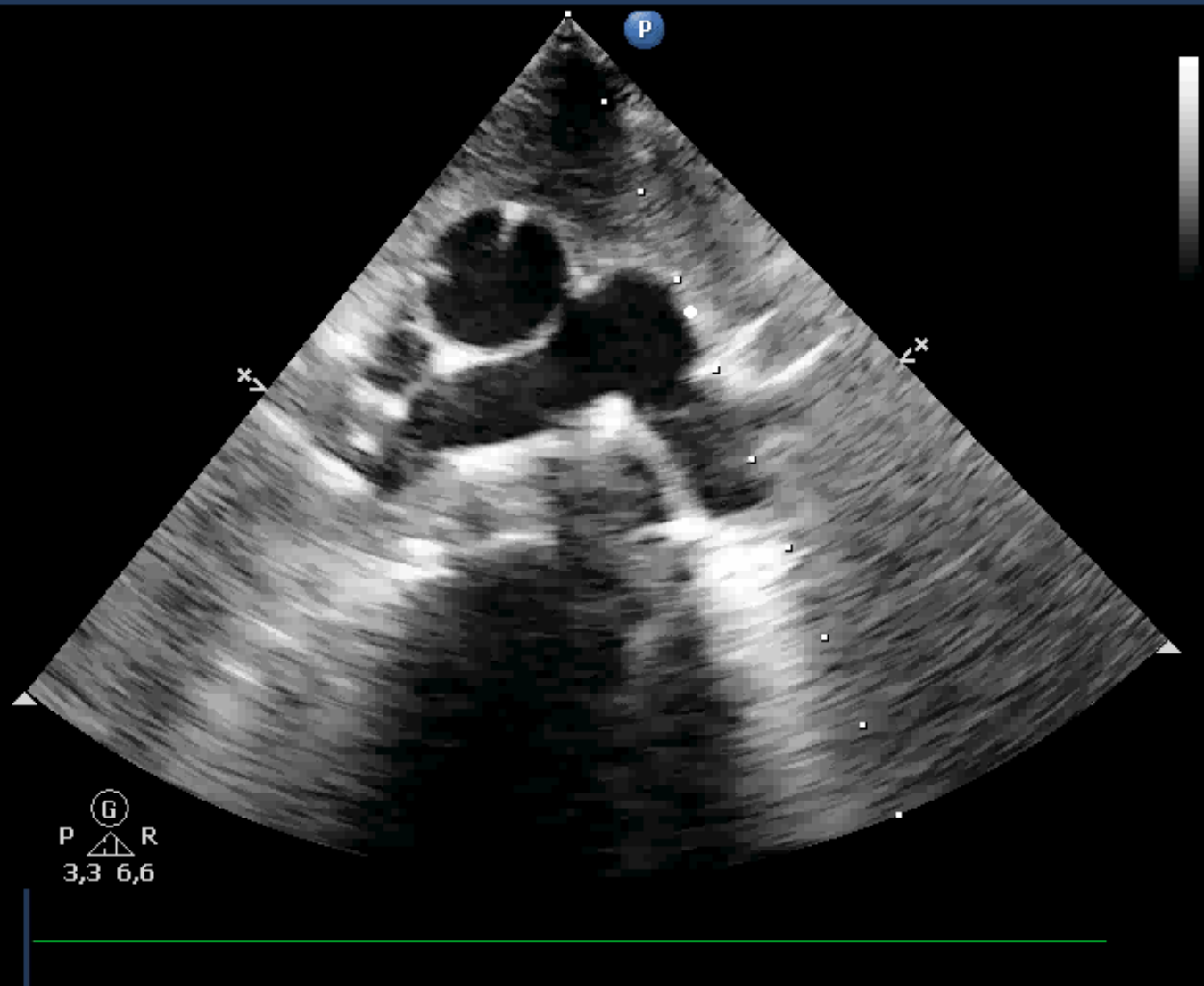


10-14

12
m

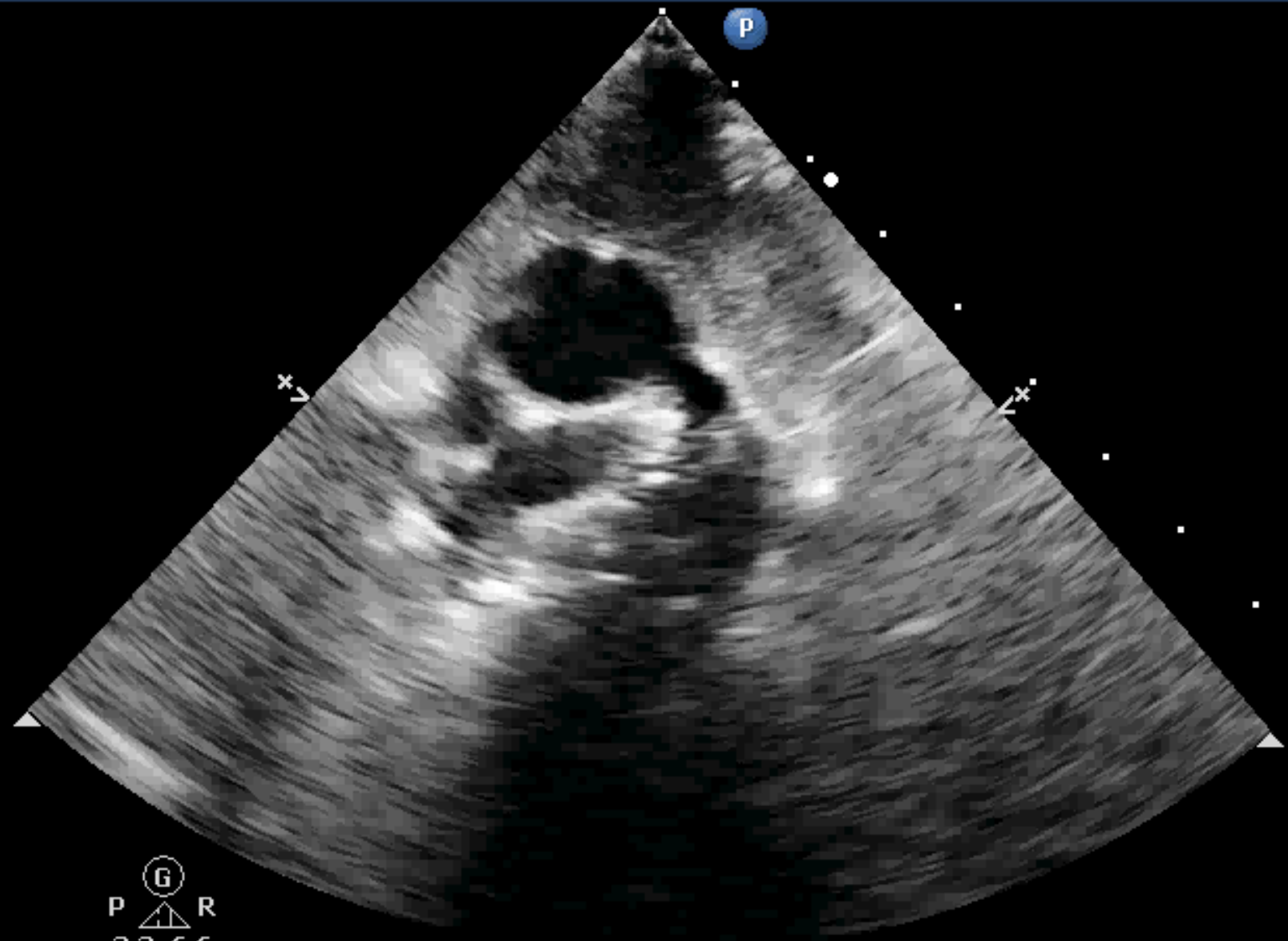
n
8

/0
m/s



RD 10-14
-3
5 Hz
0cm

Gen
n 58
46
/2/0
5 mm/s

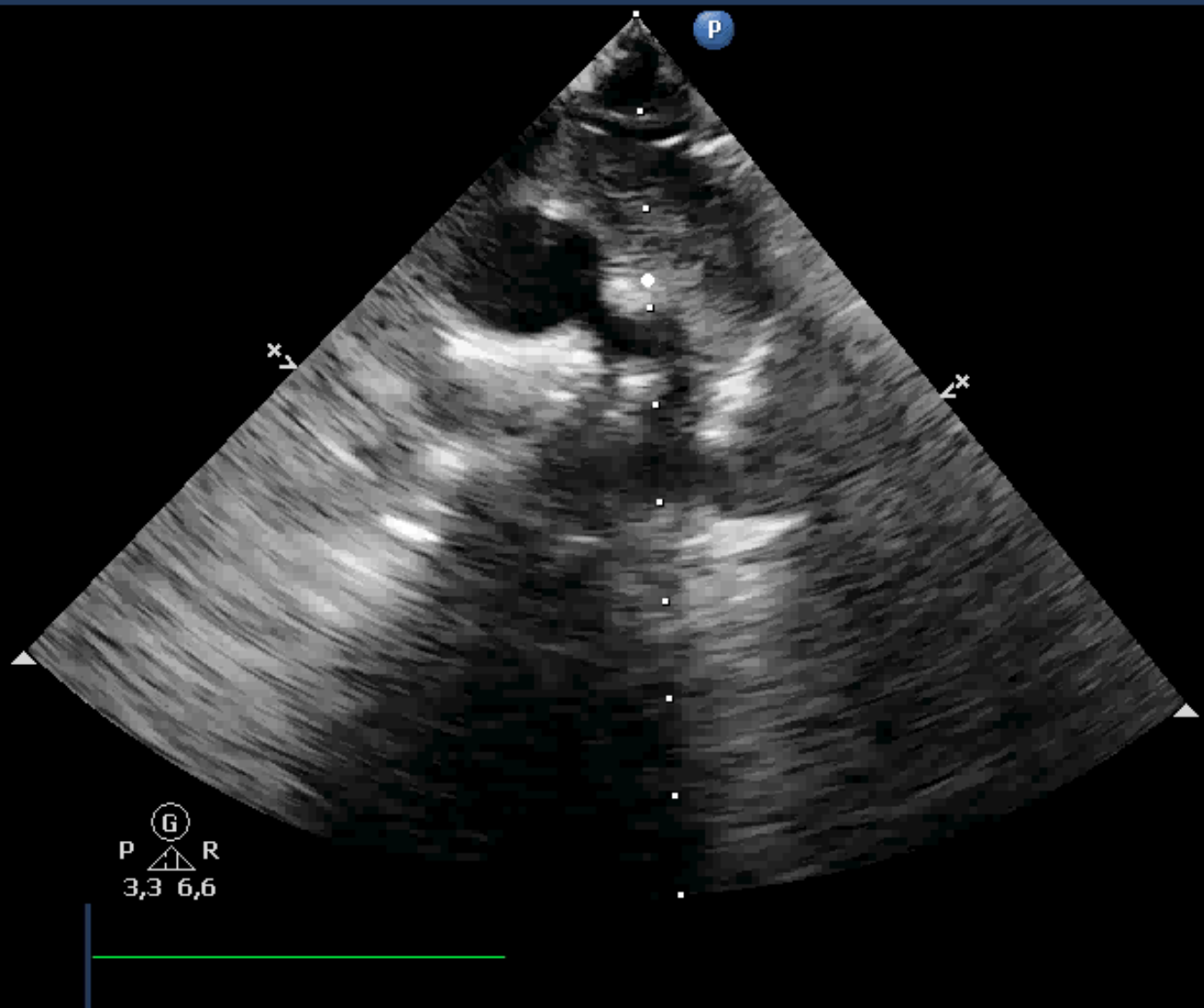


G
P R
3,3 6,6

CORD 10-14
S8-3
102 Hz
9,0cm

2D

HGen
Gn 58
C 46
2/2/0
75 mm/s



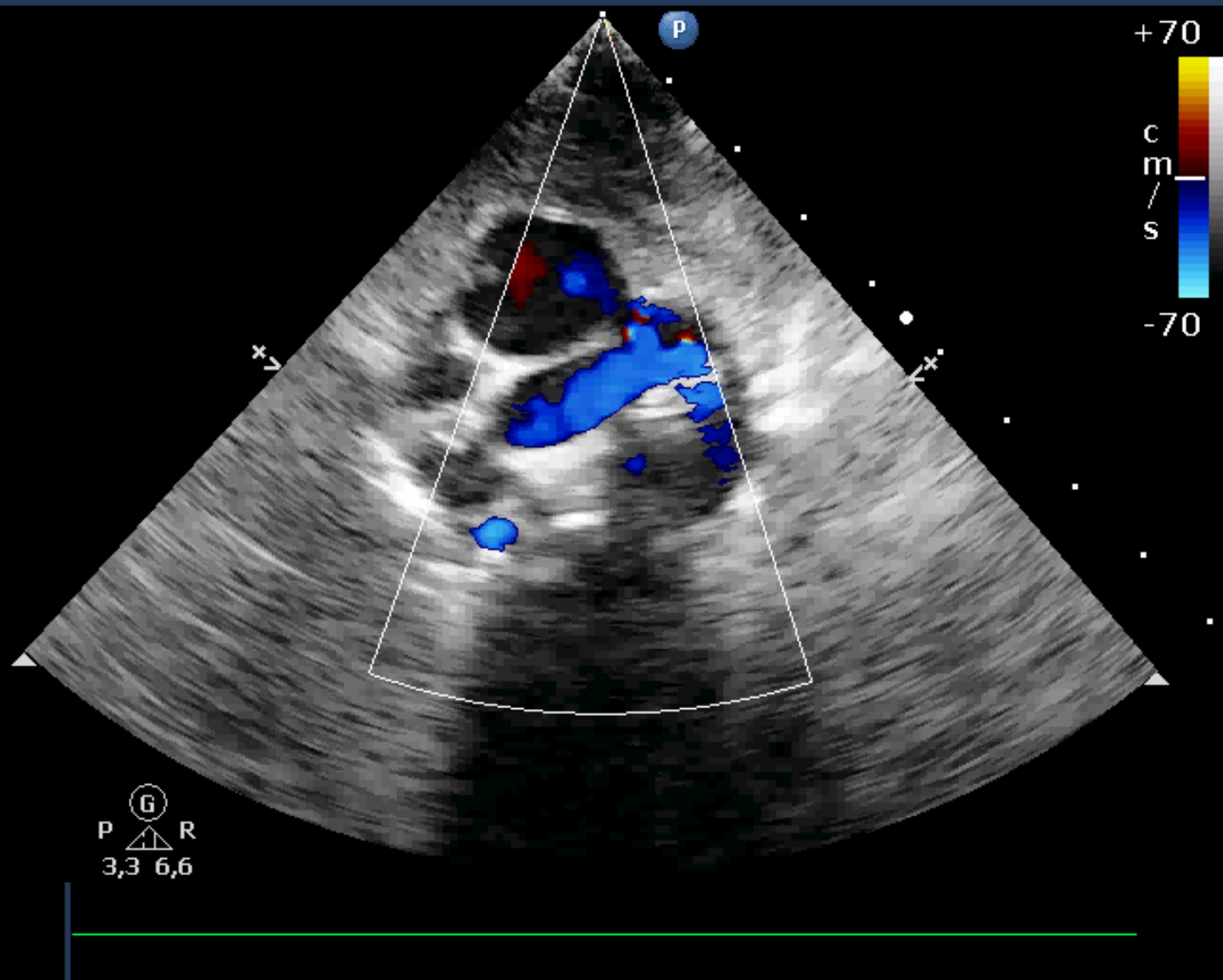
CORD 10-14
S8-3
22 Hz
9,0cm

2D

HGen
Gn 58
C 46
2/2/0
75 mm/s

Color

3,1 MHz
Gn 86
4/7/2
Filtr High



9,0cm

2D

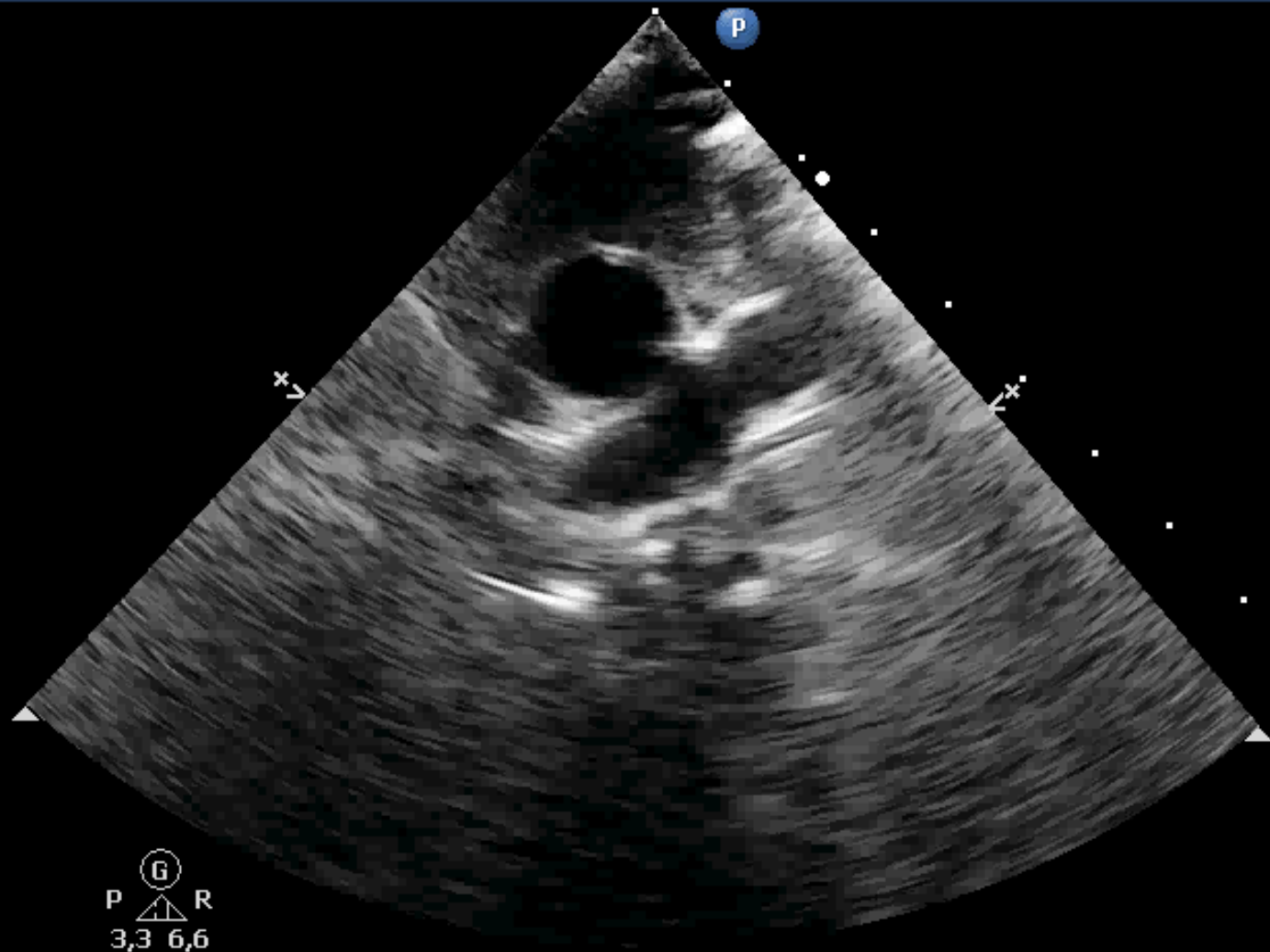
HGen

Gn 58

C 46

2/2/0

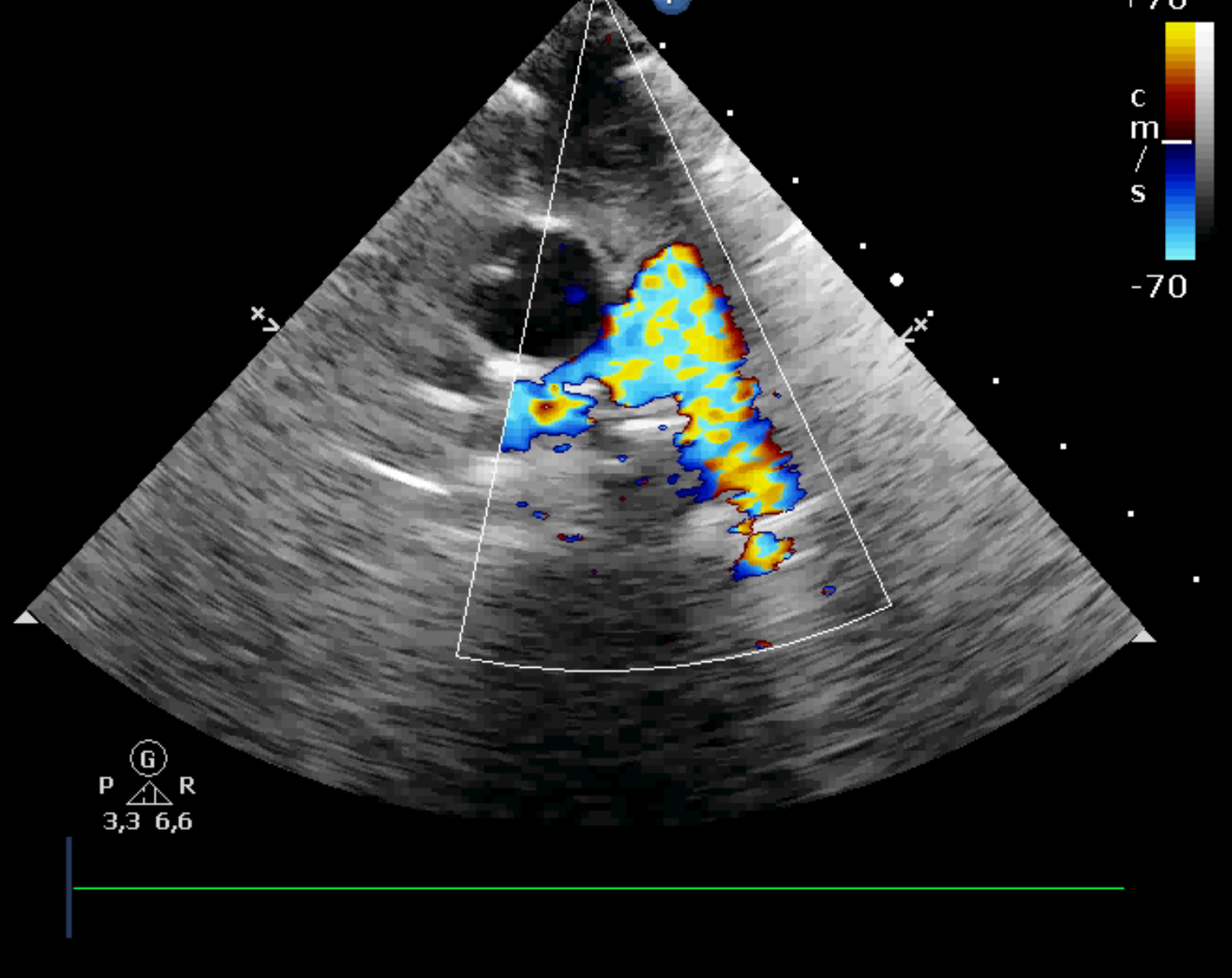
75 mm/s



CARD 10 14
S8-3
22 Hz
9,0cm

2D
HGen
Gn 58
C 46
2/2/0
75 mm/s

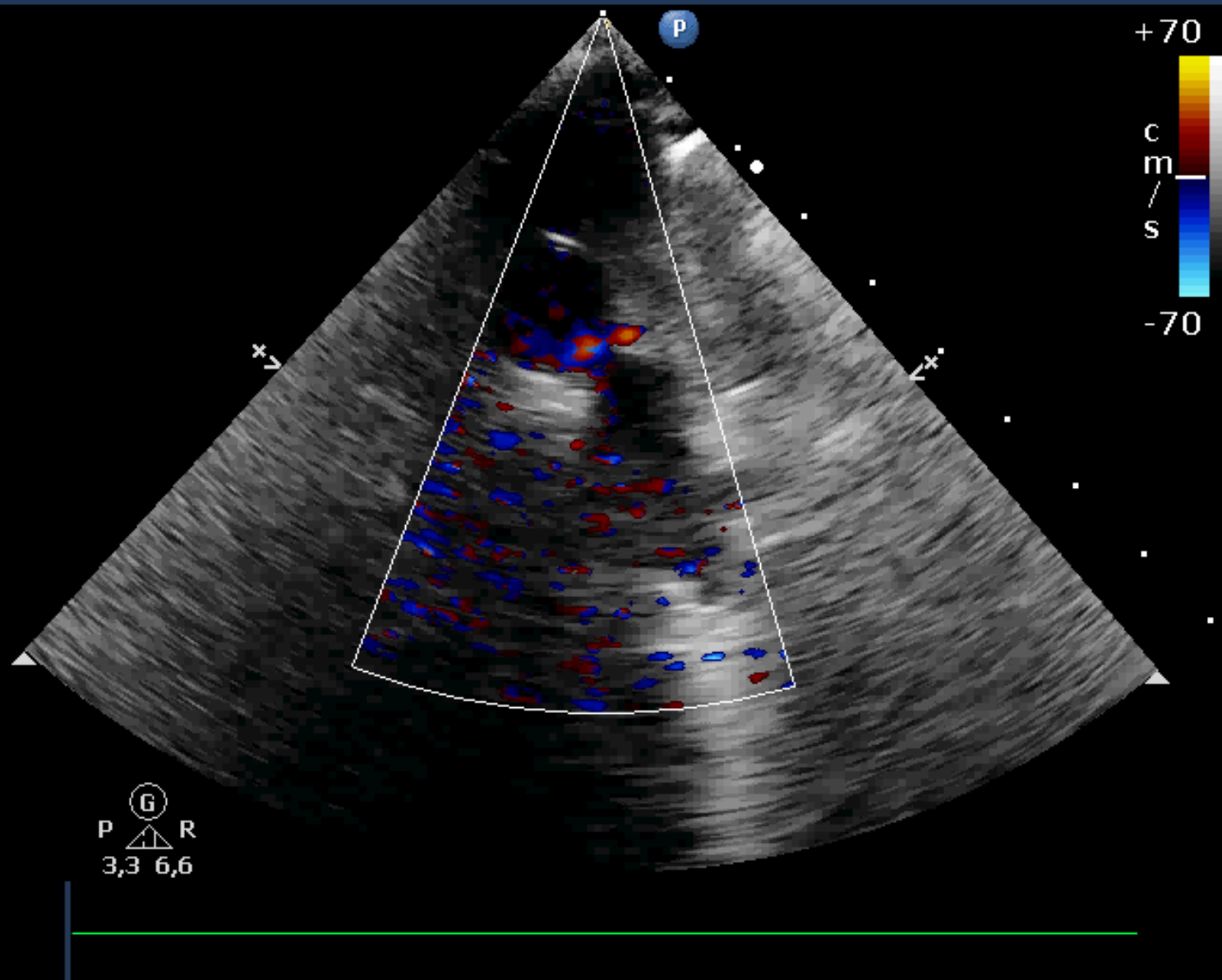
Color
3,1 MHz
Gn 86
4/7/2
Filtr High



CORD 10-14
S8-3
22 Hz
9,0cm

2D
HGen
Gn 58
C 46
2/2/0
75 mm/s

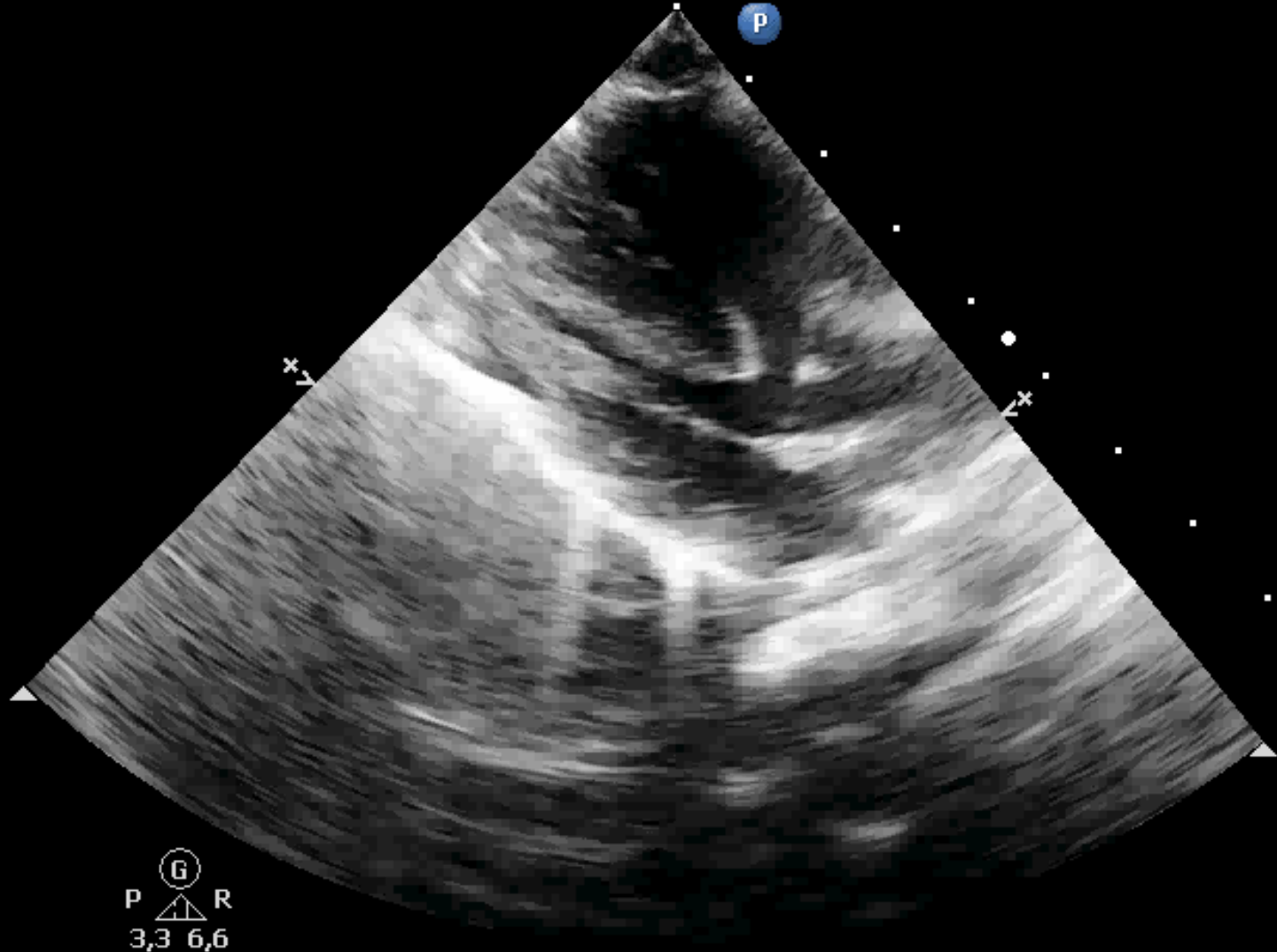
Color
3,1 MHz
Gn 86
4/7/2
Fltr High



Caz/7

CORD 10-14
S8-3
102 Hz
9,0cm

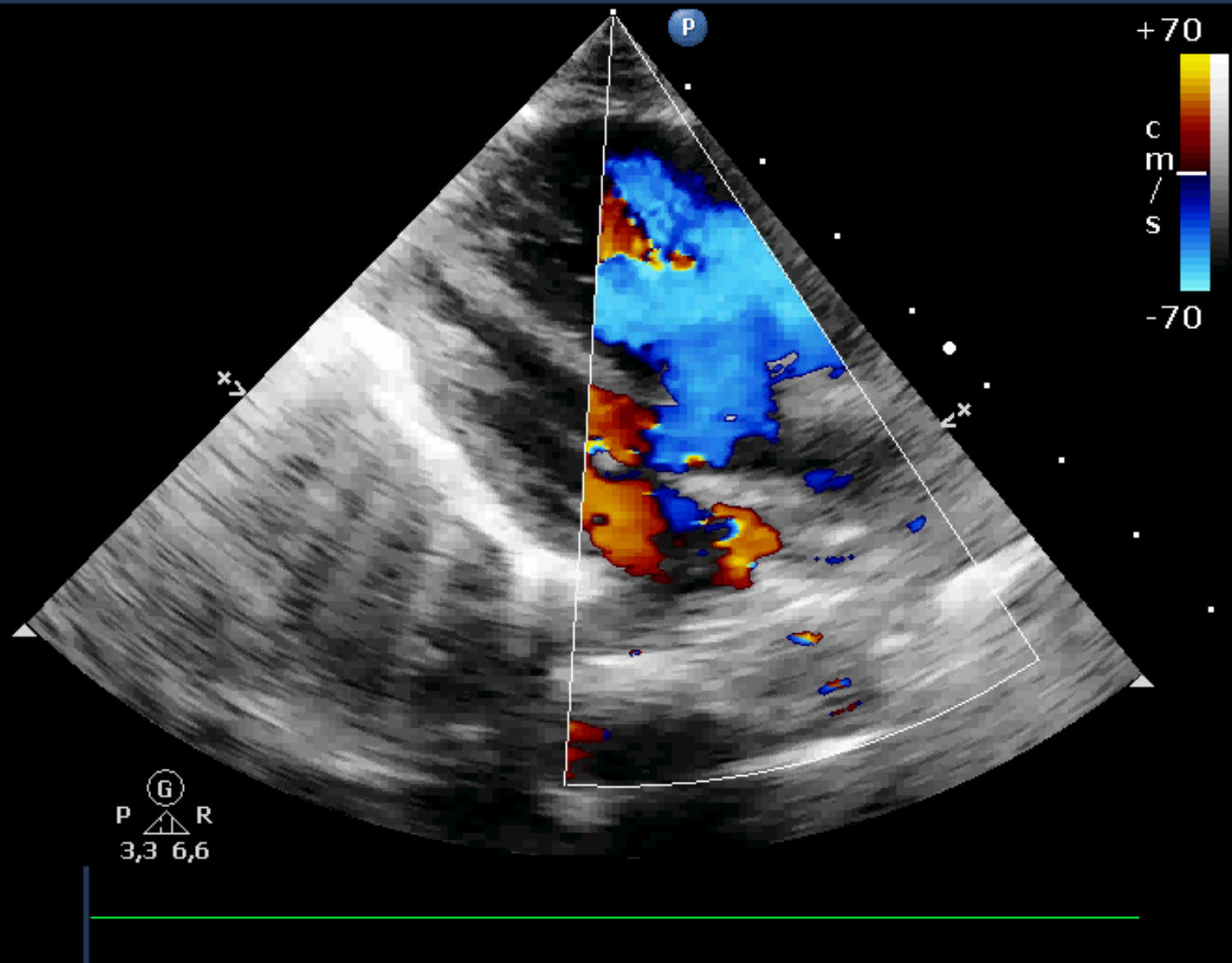
2D
HGen
Gn 49
C 46
2/2/0
75 mm/s



CORD 10-14
S8-3
111 Hz
8,0cm

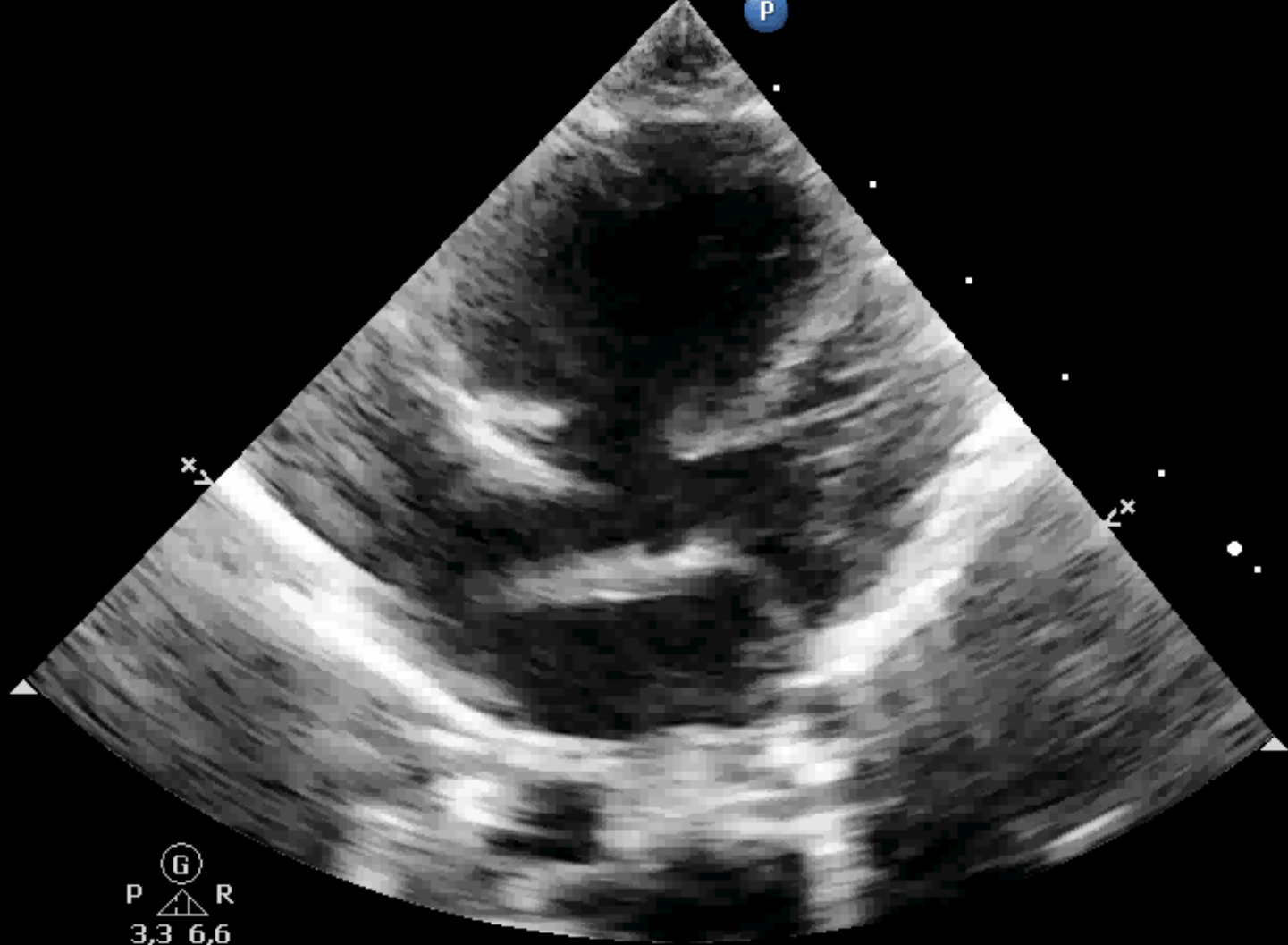
2D
HGen
Gn 49
C 46
2 / 2 / 0
75 mm/s

Color
3,1 MHz
Gn 86
4 / 7 / 2
Filtr High



CORD 10-14
S8-3
111 Hz
7,0cm

2D
HGen
Gn 55
C 46
2/2/0
75 mm/s



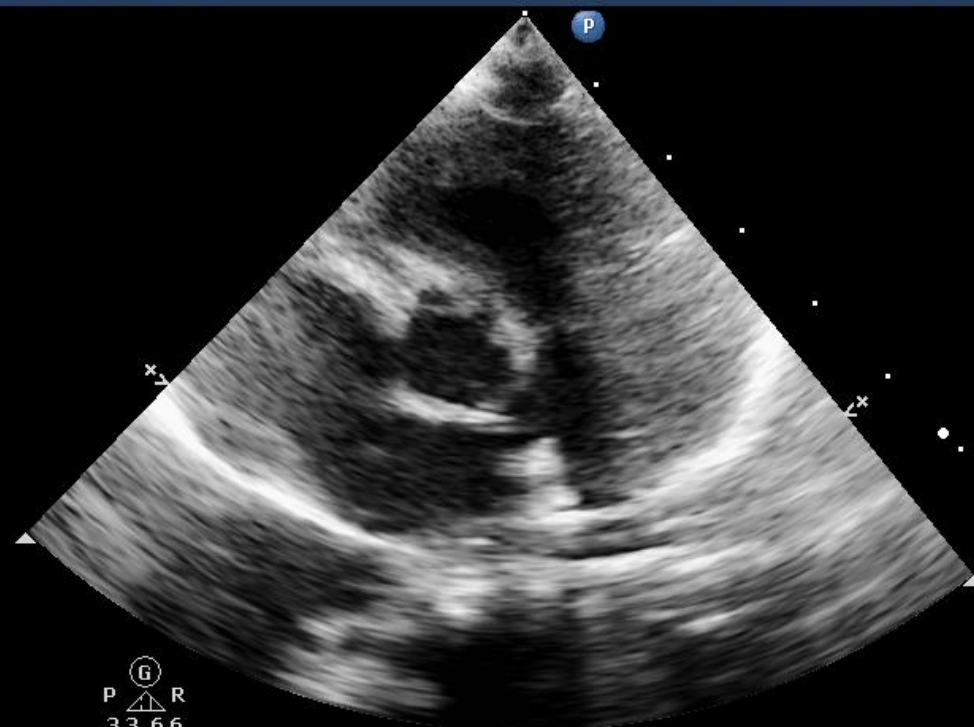
Ⓔ
P △ R
3,3 6,6

PHILIPS ENE, DAVID
15-08-05-230322

MI 1,3 05.08.2015
TIS 1,0 23:10:06

CORD 10-14
S8-3
111 Hz
7,0cm

2D
HGen
Gn 55
C 46
2 / 2 / 0
75 mm/s



15-08-05-230322

TIS 1,0 23:05:31

CORD 10-14

S8-3 + Length 0,587 cm

111 Hz × Length 0,675 cm

8,0cm

2D

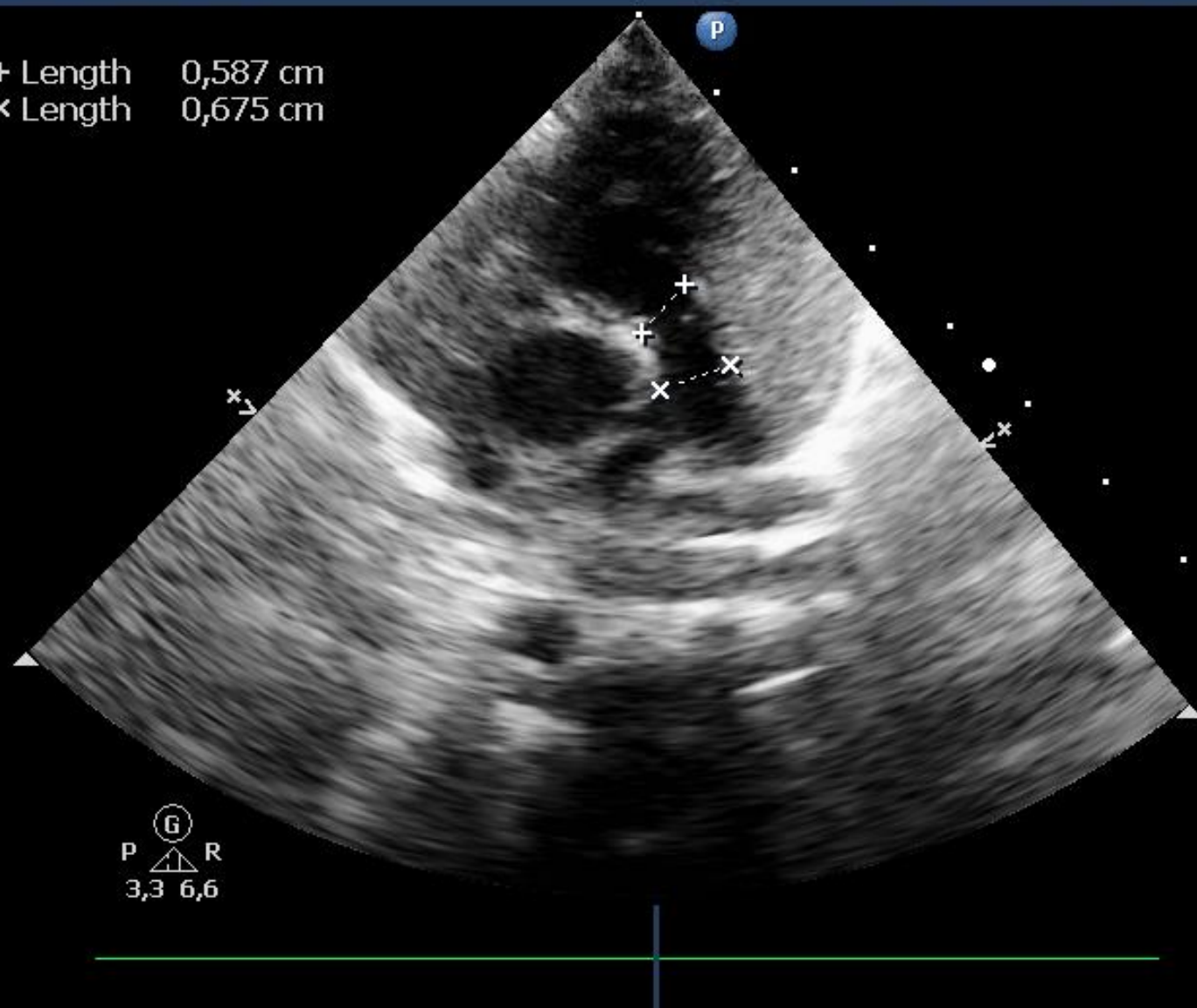
HGen

Gn 49

C 46

2/2/0

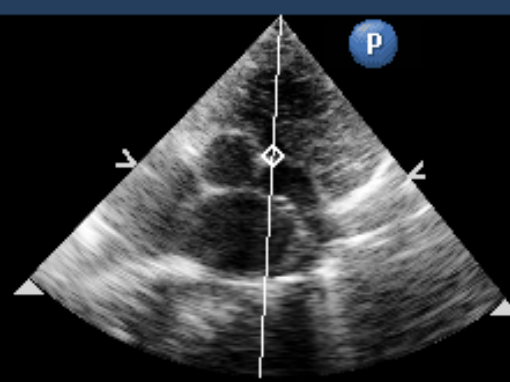
75 mm/s



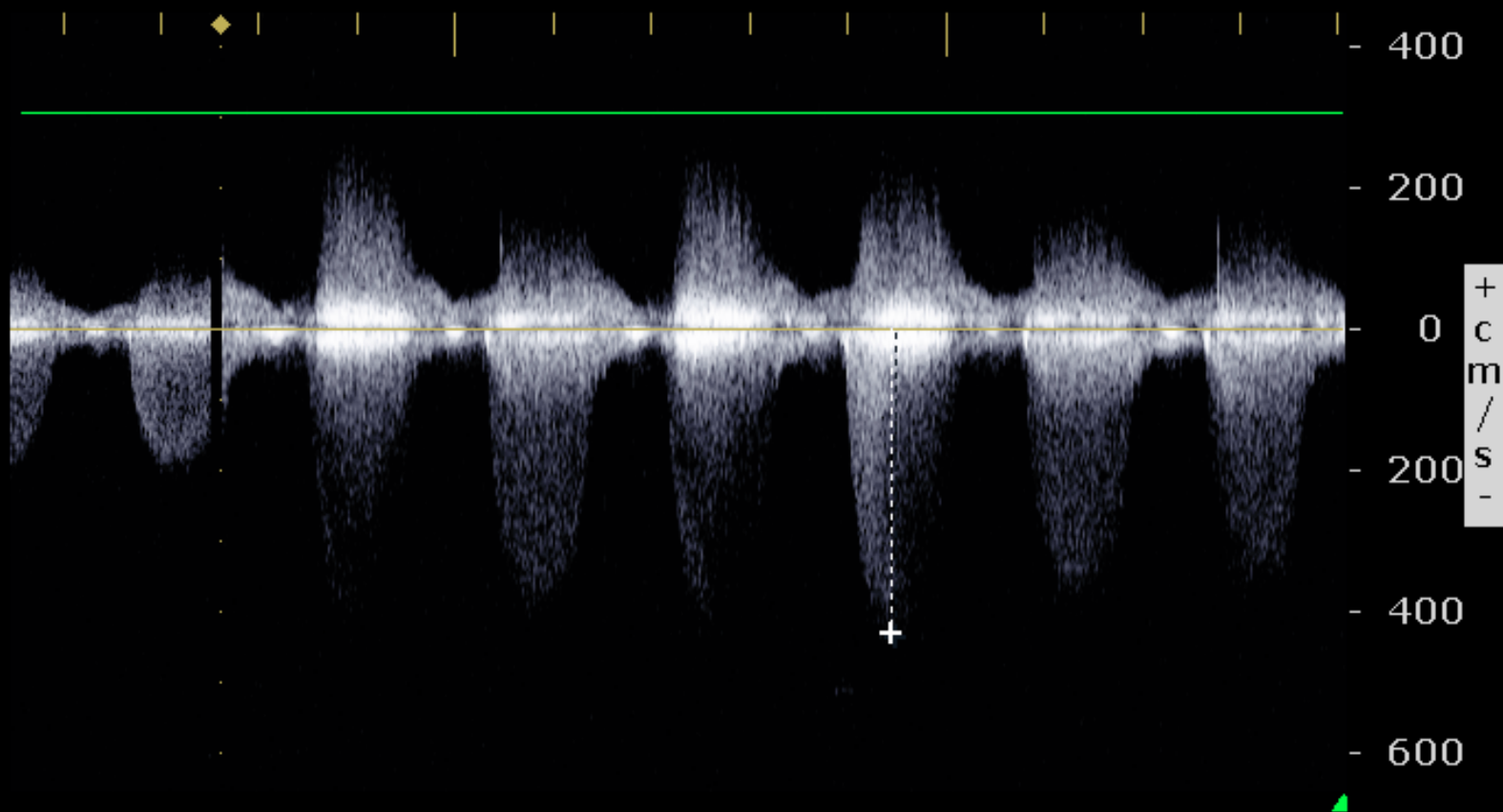
74,1 mmHg

2/2/0





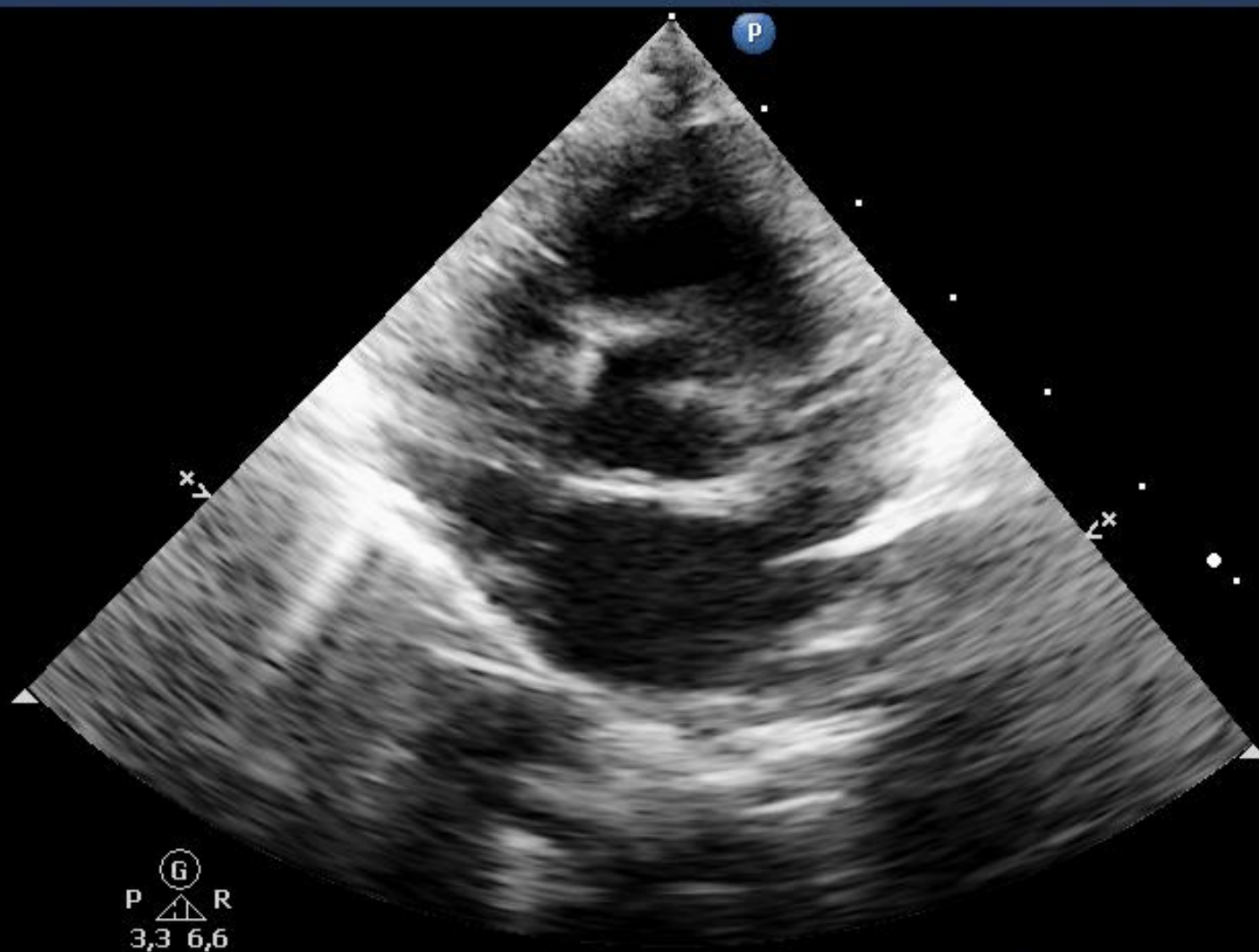
75 mm/s



CORD 10-14
S8-3
111 Hz
7,0cm

2D

HGen
Gn 55
C 46
2/2/0
75 mm/s

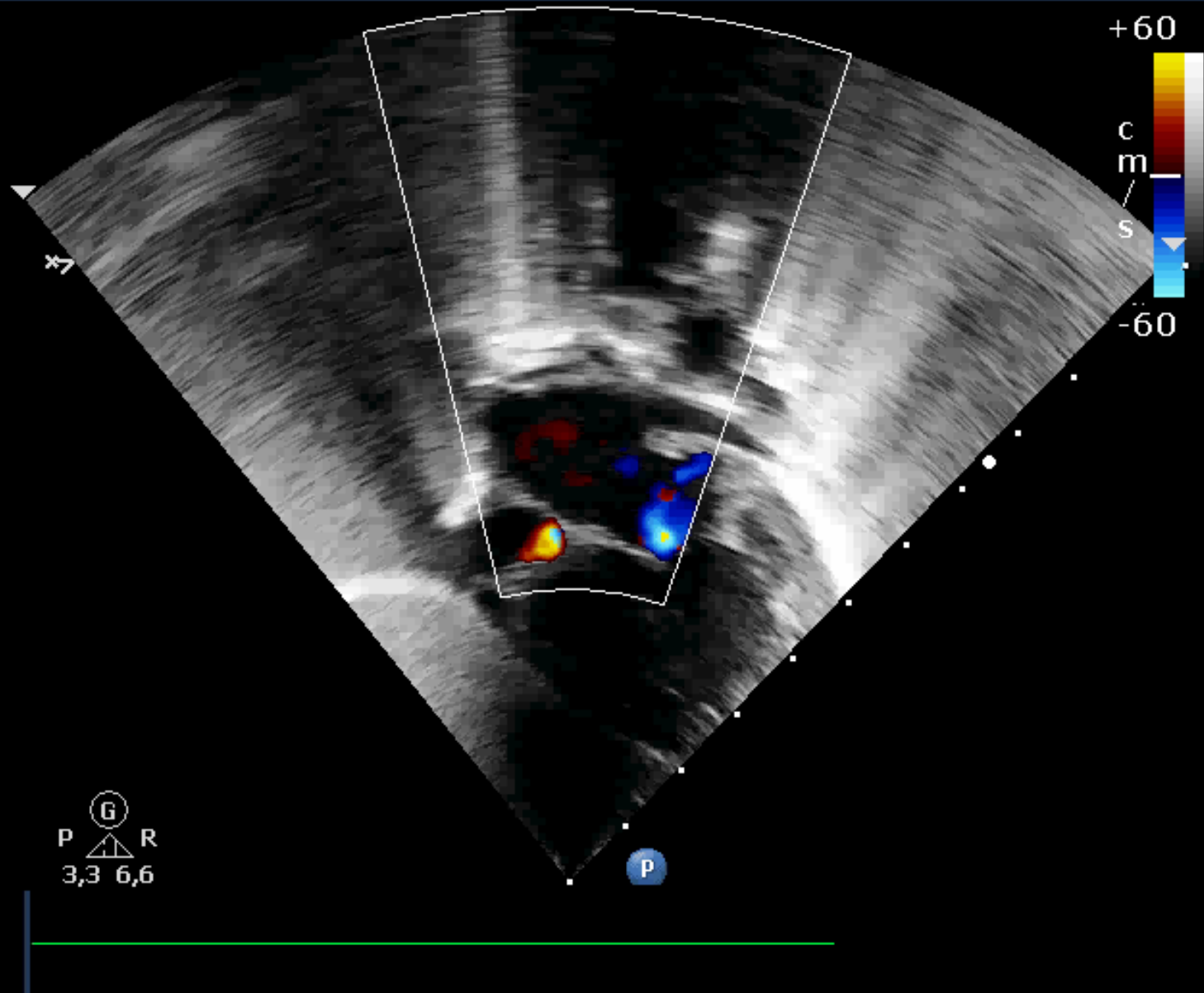


Caz/8

S5-1 NEW
S8-3
20 Hz
11,0cm

2D
HGen
Gn 34
C 50
2/2/0
75 mm/s

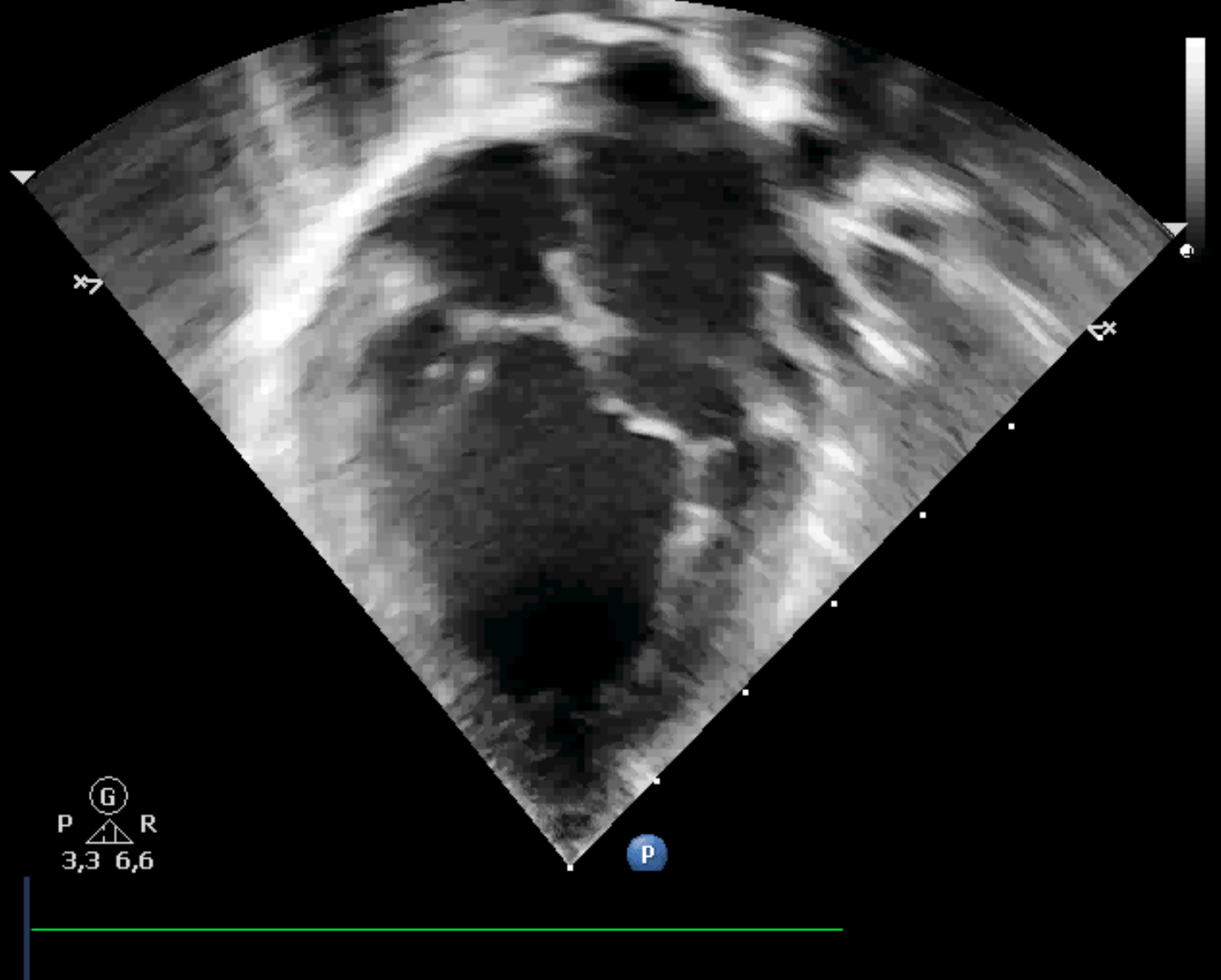
Color
3,1 MHz
Gn 57
4/7/2
Fltr High



S5-1 NEW
S8-3
111 Hz
7,0cm

2D

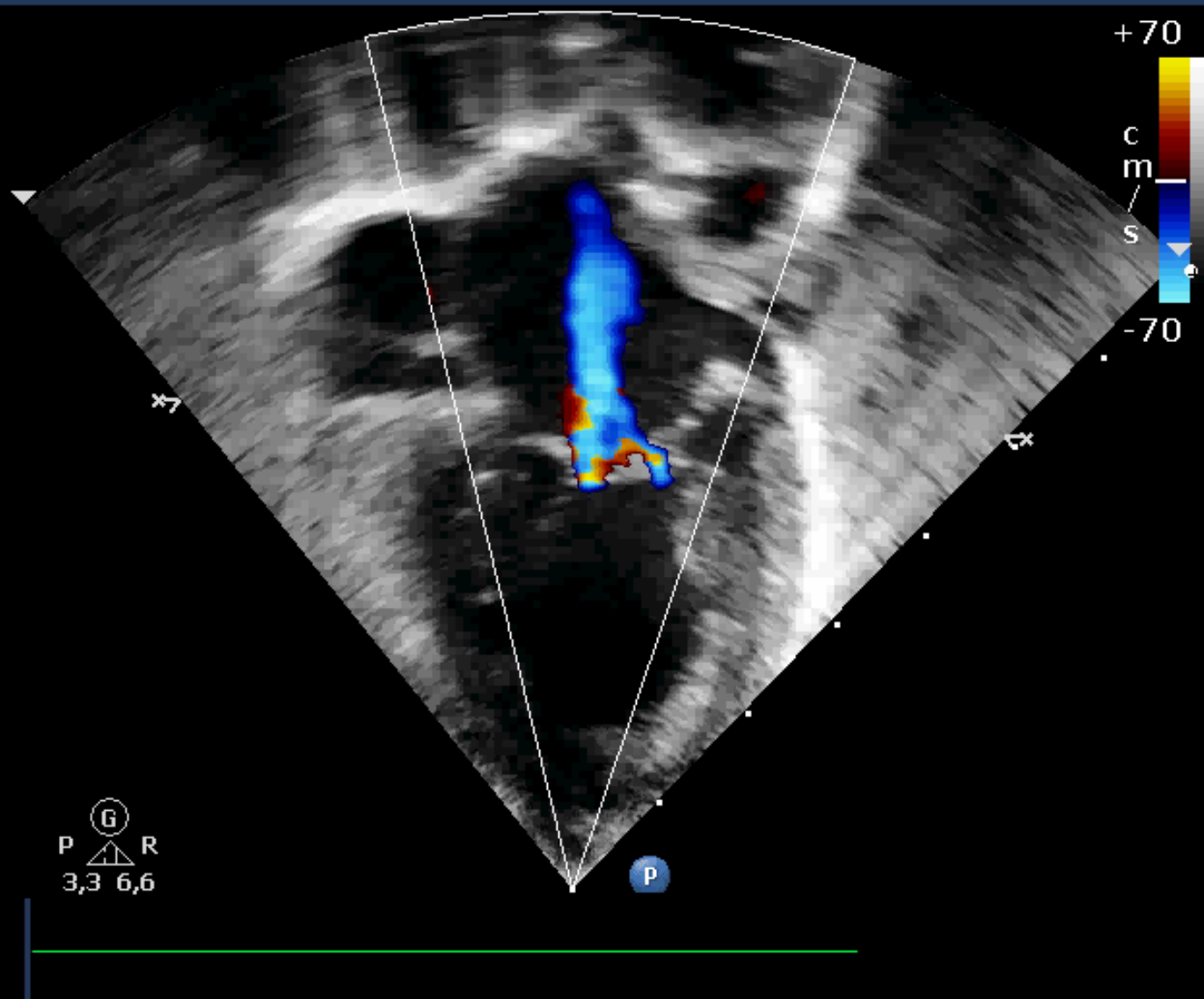
HGen
Gn 55
C 50
2/2/3
75 mm/s



S5-1 NEW
S8-3
24 Hz
7,0cm

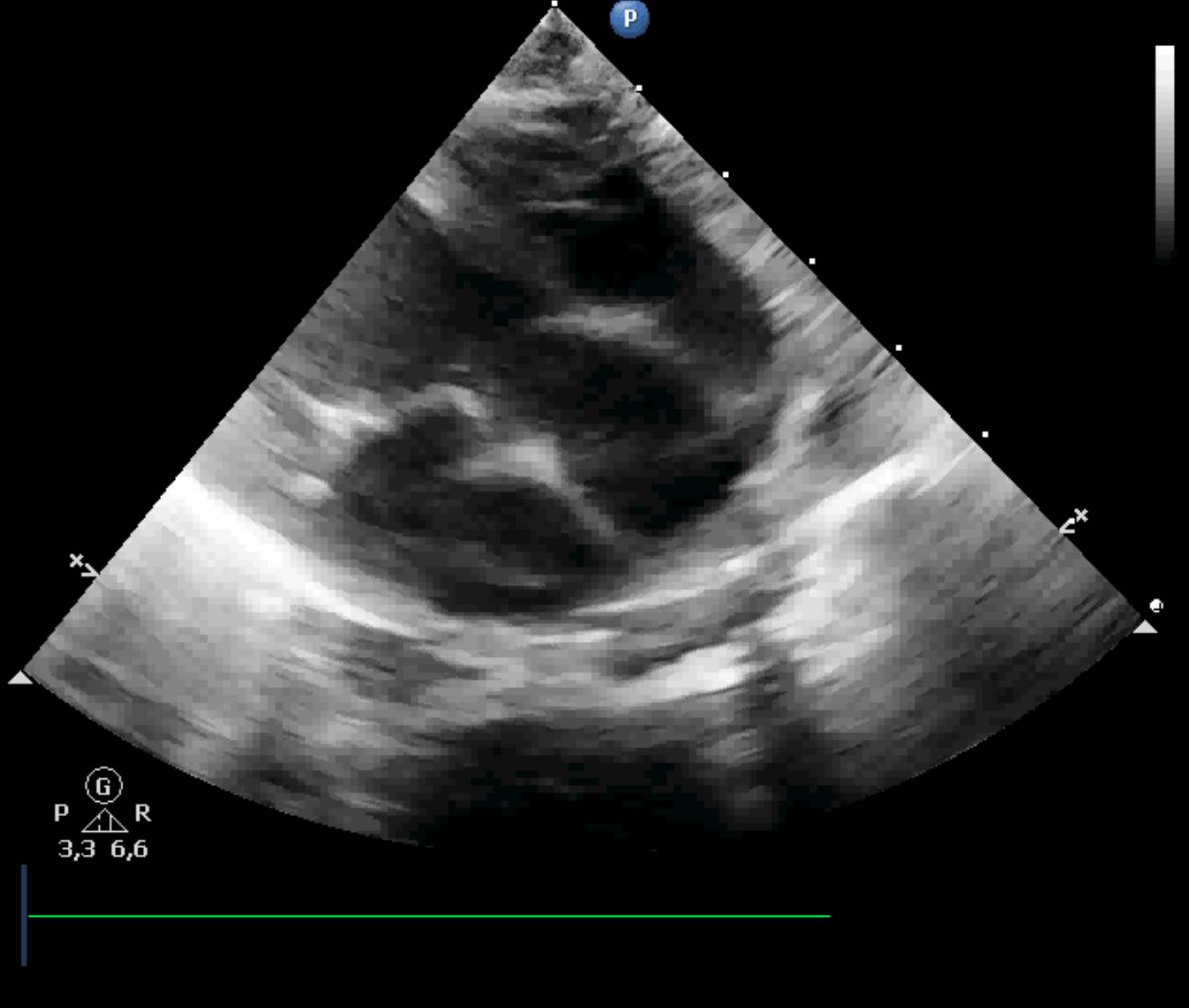
2D
HGen
Gn 45
C 50
2 / 2 / 0
75 mm/s

Color
3,1 MHz
Gn 44
4 / 7 / 2
Fltr High



S5-1 NEW
S8-3
111 Hz
7,0cm

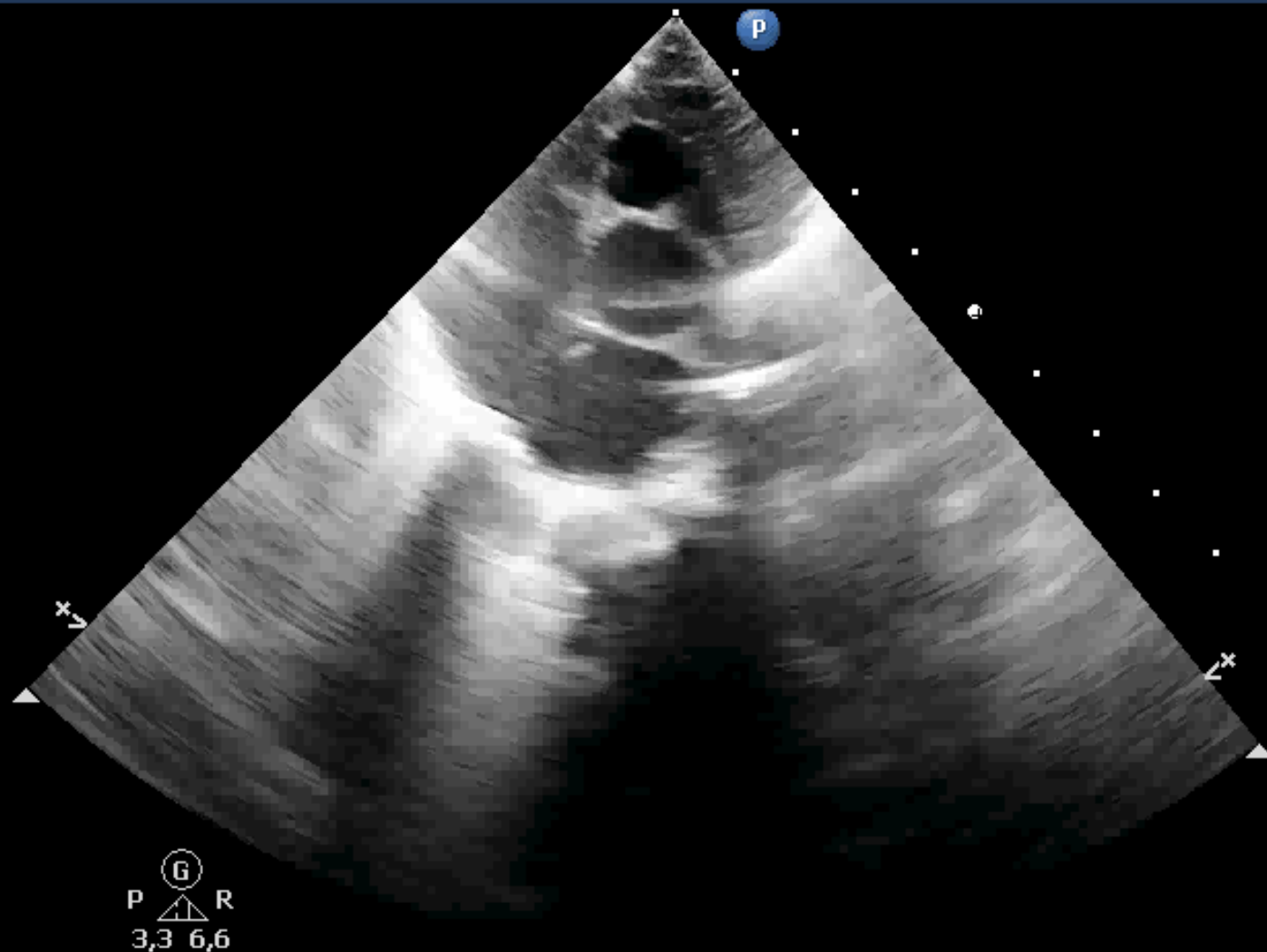
2D
HGen
Gn 55
C 50
2 / 2 / 3
75 mm/s



S5-1 NEW
S8-3
89 Hz
11,0cm

2D

HGen
Gn 55
C 50
2/2/3
75 mm/s

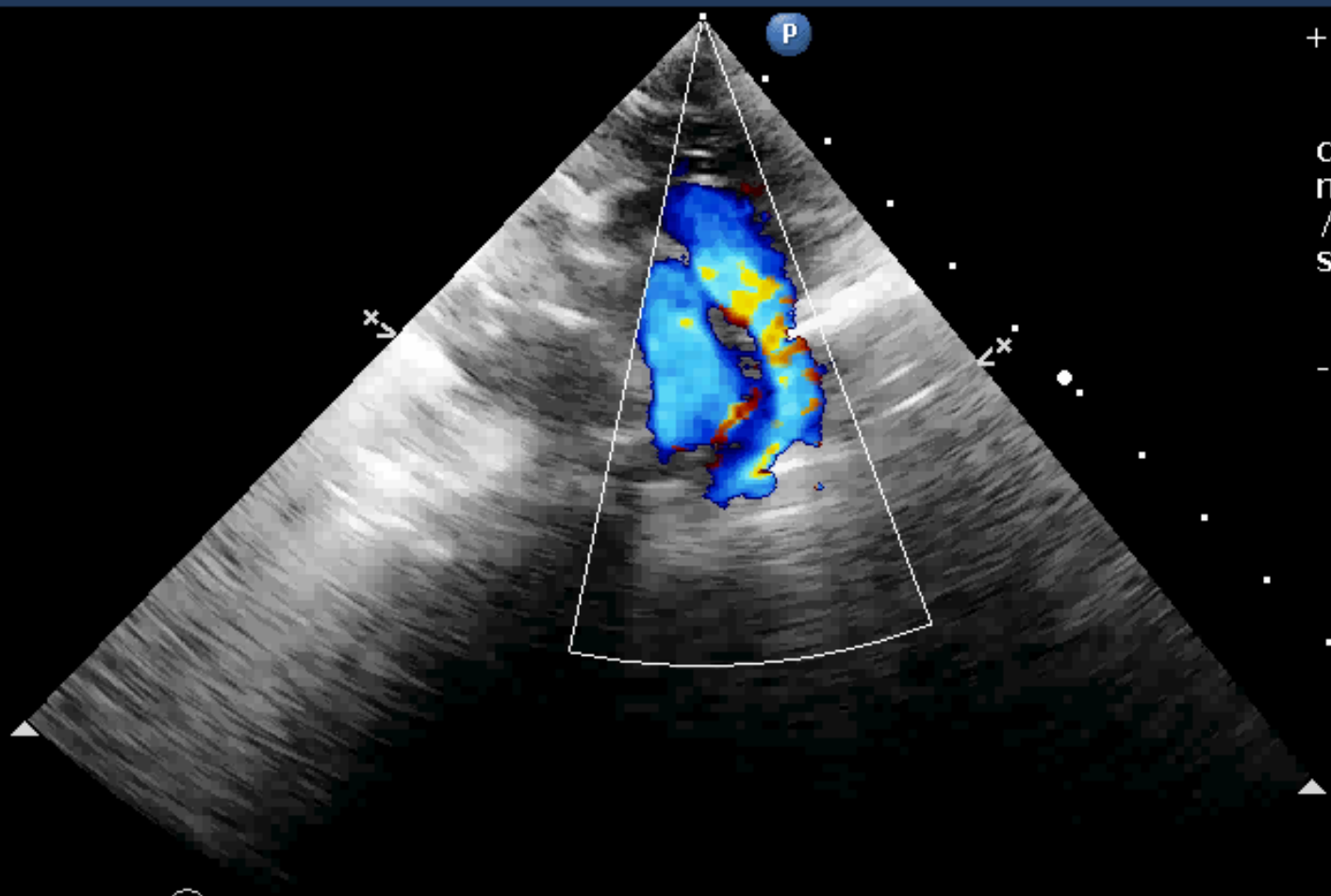


1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000 1001 1002 1003 1004 1005 1006 1007 1008 1009 1010 1011 1012 1013 1014 1015 1016 1017 1018 1019 1020 1021 1022 1023 1024 1025 1026 1027 1028 1029 1030 1031 1032 1033 1034 1035 1036 1037 1038 1039 1040 1

FIG. 1. *Continued*

$$\frac{cm}{s}$$





Caz/9

FR 61Hz
7.0cm

M3

2D
66%
C 50
P Off
Res



JPEG

*** bpm

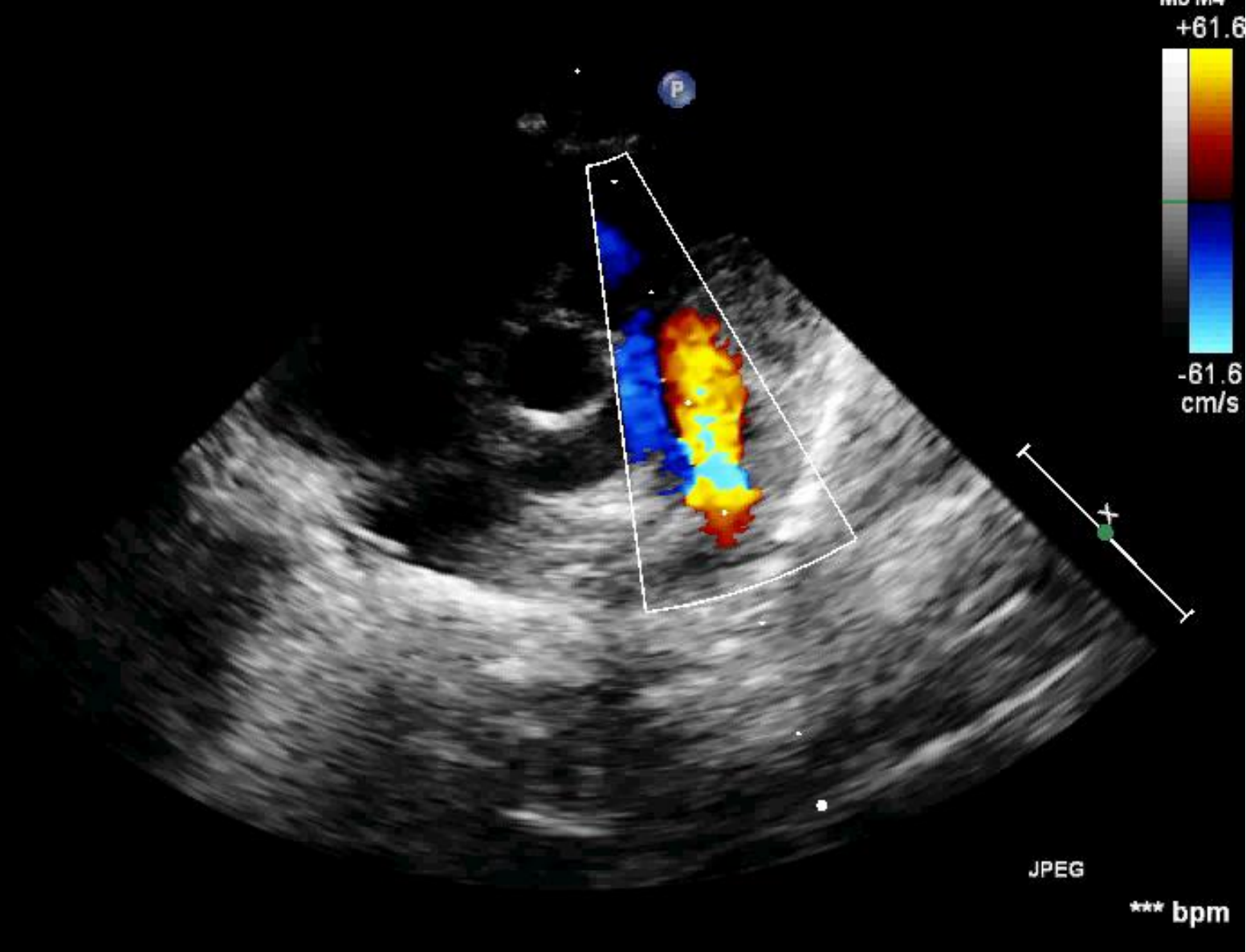
PR 40Hz
7.0cm

2D

72%
C 50
P Off
Res

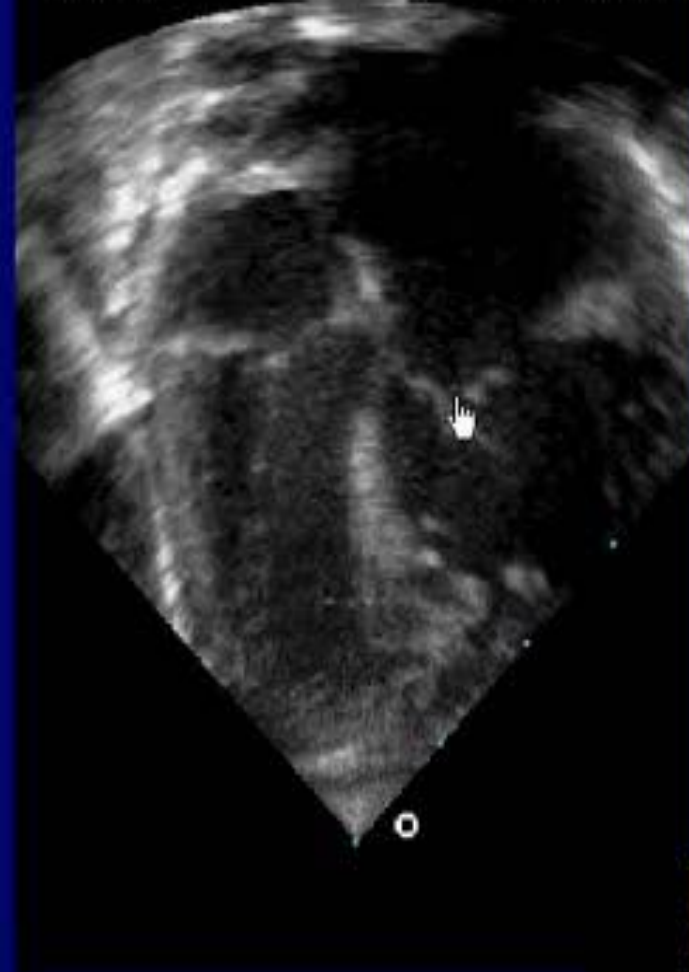
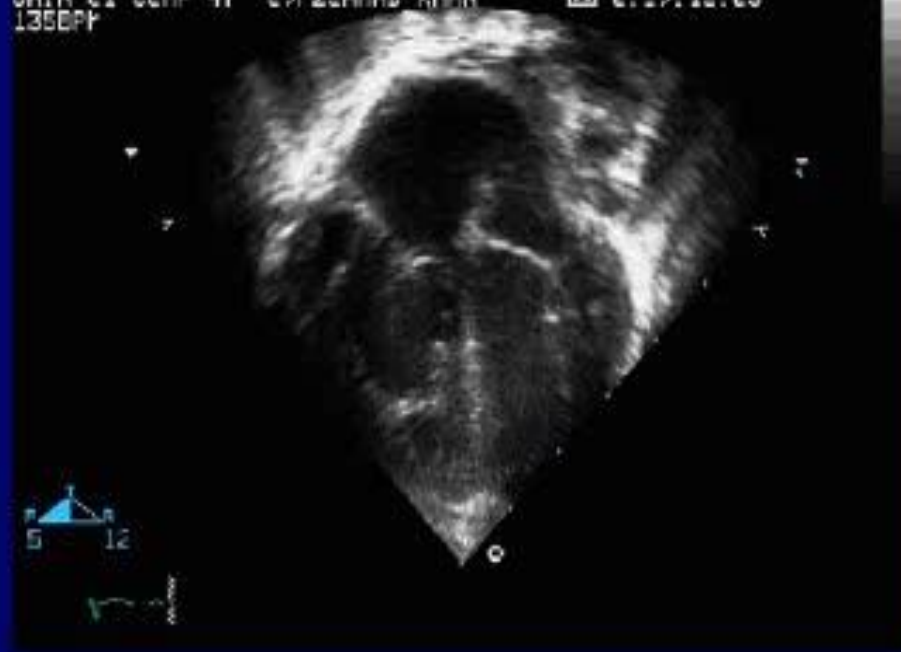
CF

77%
3.0MHz
WF High
Med



Caz/10

AT: 1.6 5:2 TURK KPNCH PPEC ECHO
04 JUNE 01 10:06:54 ALMOTAIRI
0/2/F/FZ 7CM 499078 PEDS.
GAIN 61 COMP 47 69-ZERMAD KHAN 02:19:13.03
1350PF

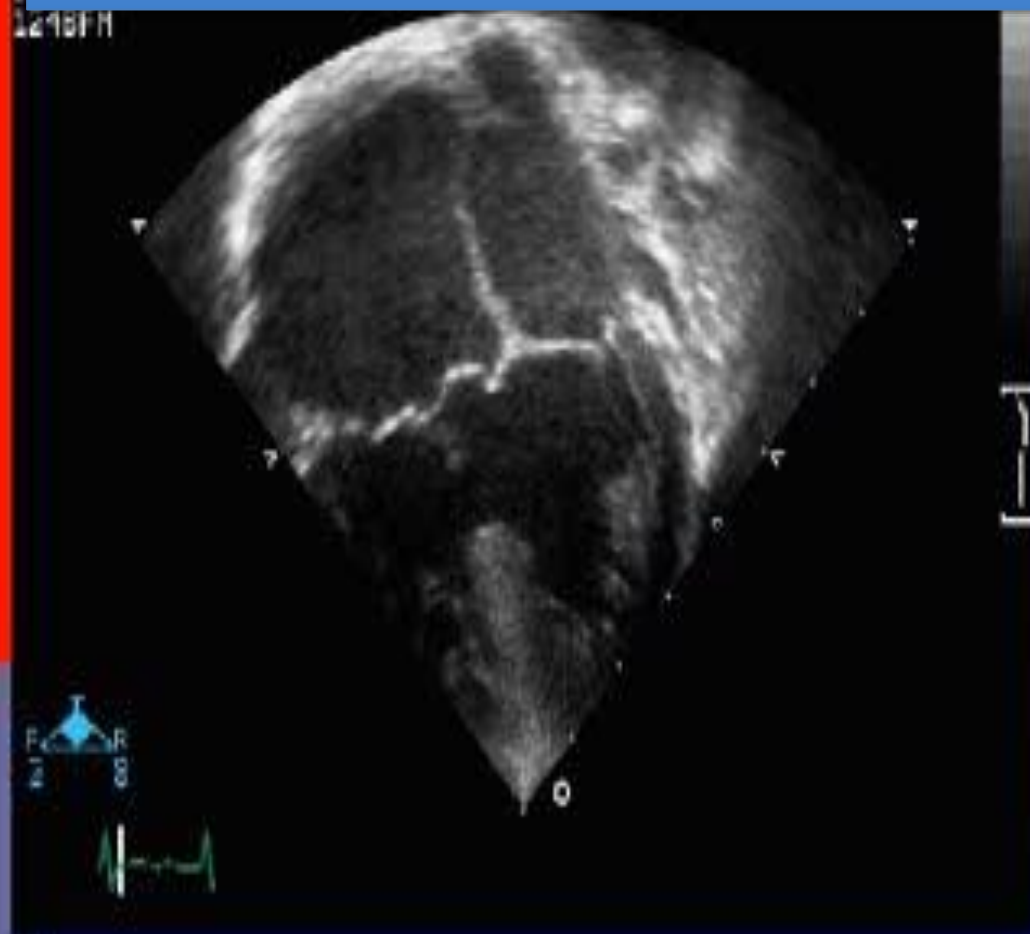


Caz /11

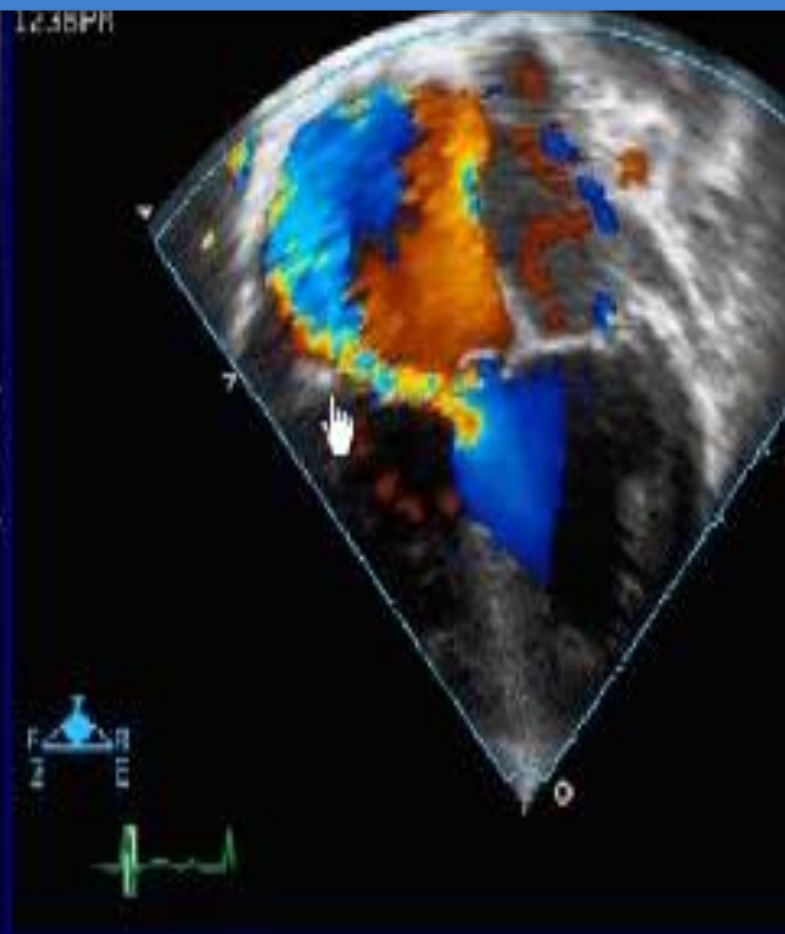


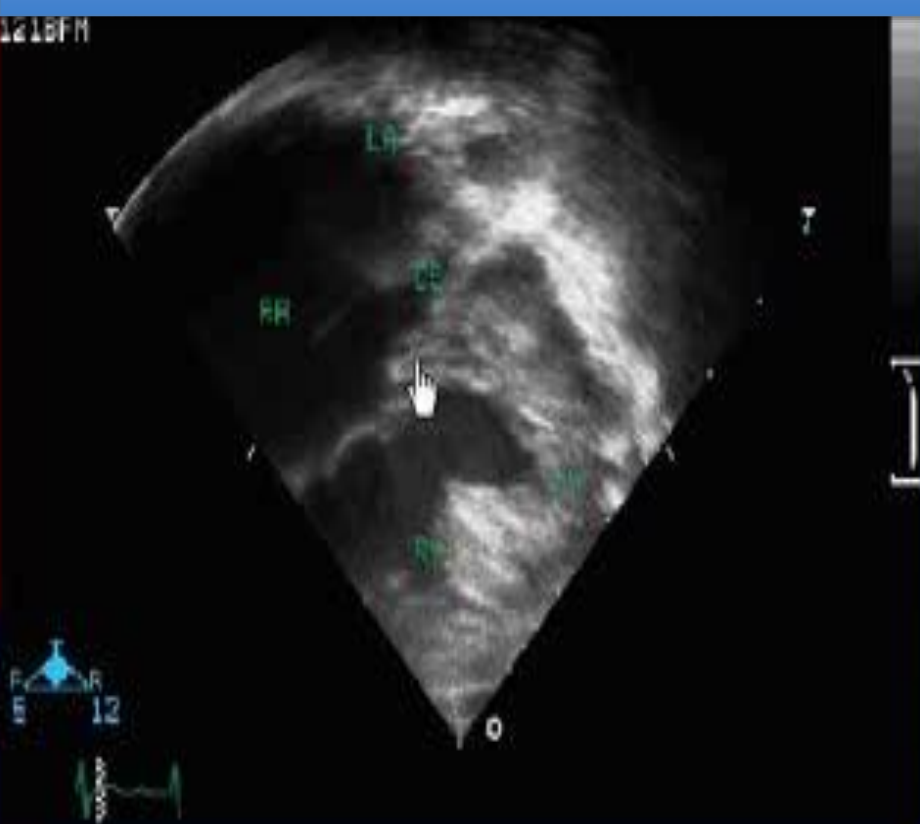
Caz/12

12.15PR



12.35PR





Caz/13

F1:0.9
S12
18 JULY 02
15:17:48
2/2/T/F2
KFNGH PAED ECHO

PEDS.
AL SAKET
MCHAPMAO
555448
IIM
0:48:22
GAIN 71
COMP 53
1210PM

ECH
88HZ

P
E 12

TIS:2.1 S12 AL GETAIM KFNGH PAED ECHO 4.9MHz
18 JULY 02 14:34:43 NADA
2/0/F/08/A 5CM 553448 PEDS.
GAIN 34 COMP 52 19HZMULT.CONG.ANCH, 0:14:35
1236PM

87

C
H
/ S

87

MI: 0.6
 S12
 06 APR 02
 11:33:44
 8/2/F/F3
 KFNGH PAED ECHO

PEDS.
 RAKH
 NAIRA MOHAMMED
 542532
 TGA
 2:36:03
 GPIN 53
 COMP 52
 146BFH

4CM
 124HZ

P R
 E 12



MI: 1.6
 S12
 01 SEP 03
 15:55:03
 8/2/F/F3
 KFNGH PAED ECHO

PEDS.
 ALANZI
 ALI ZABEN
 654948
 TGA, VSD
 1:05:16
 GAIN 76
 COMP 55
 123BPH

7CM
 87HZ

P R
 E 12

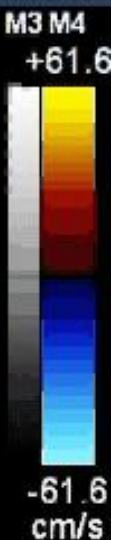
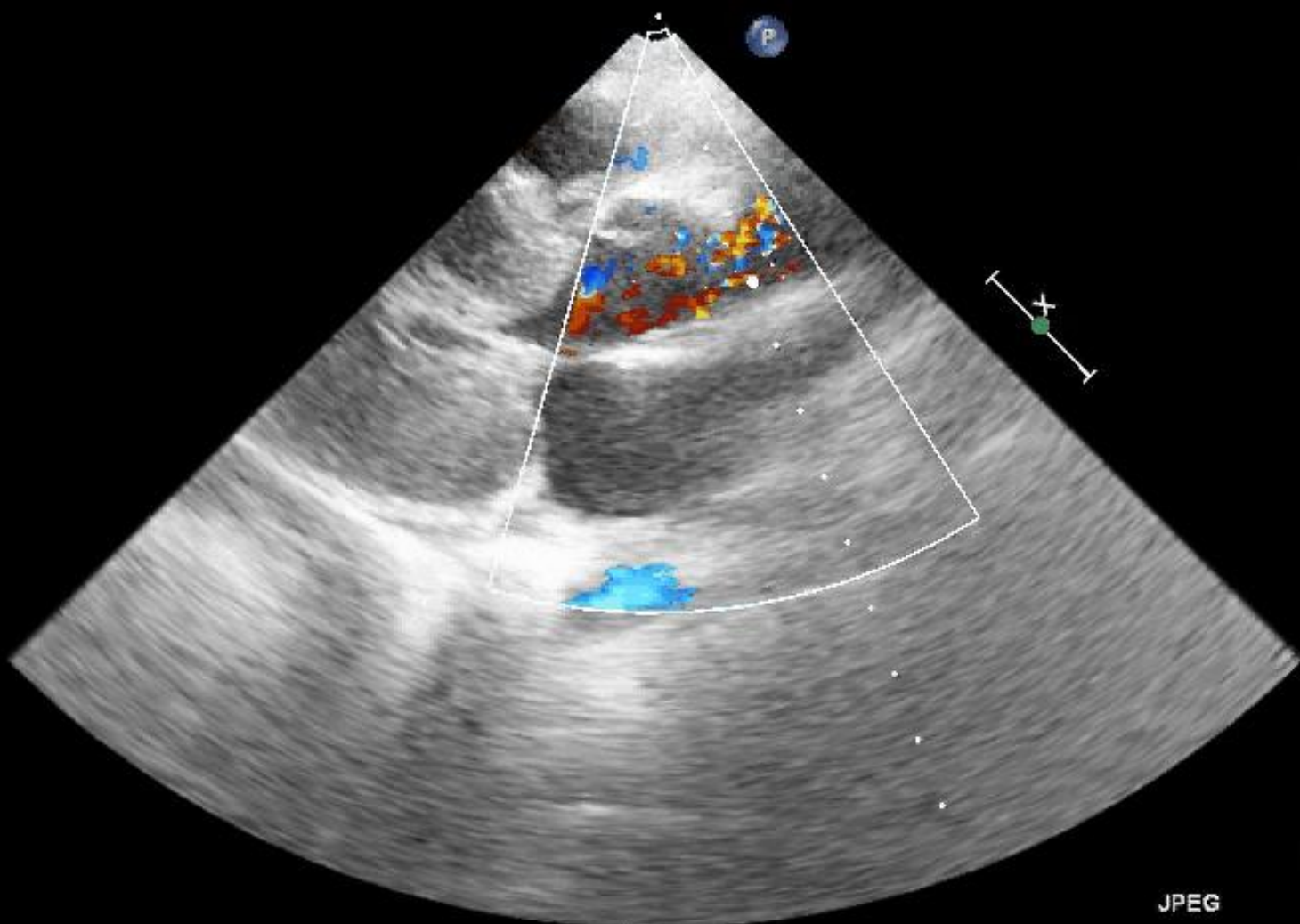


Caz/14

FR 13Hz
13cm

2D
88%
C 50
P Off
Res

CF
77%
3.0MHz
WF High
Med



JPEG

 bpm

FR 61Hz
9.0cm

2D
77%
C 50
P Off
Res

M3



JPEG

*** bpm

FR 61Hz
9.0cm

2D
77%
C 50
P Off
Res

M3



JPEG

*** bpm

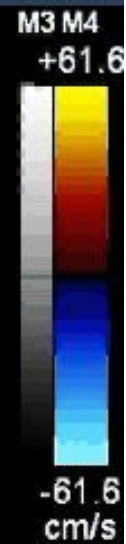
FR 22Hz
15cm

2D

72%
C 50
P Low
HGen

CF

66%
2.5MHz
WF High
Med



JPEG

www bpm

Caz/15

44351020140220

S5-1/Ped-CHD

FR 22Hz

15cm

2D

55%

C 50

P Low

HGen

CF

66%

2.5MHz

WF High

Med

M3 M4

+61.6

-61.6
cm/s

JPEG

*** bpm

44351020140220

S5-1/Ped-CHD

FR 50Hz

15cm

2D

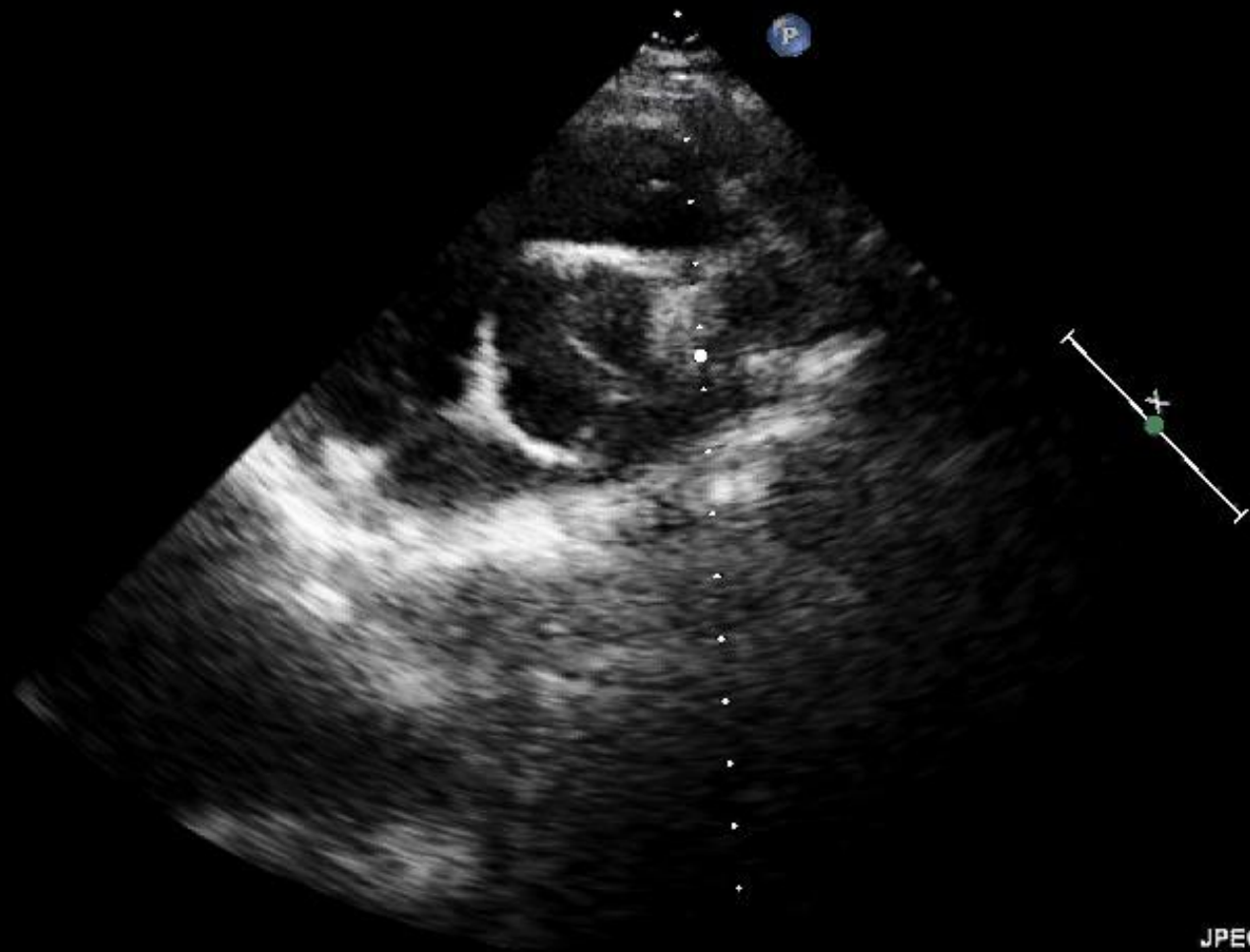
56%

C 50

P Low

HGen

M3



JPEG

*** bpm

FR 22Hz

15cm

2D

56%

C 50

P Low

HGen

CF

66%

2.5MHz

WF High

Med

CW

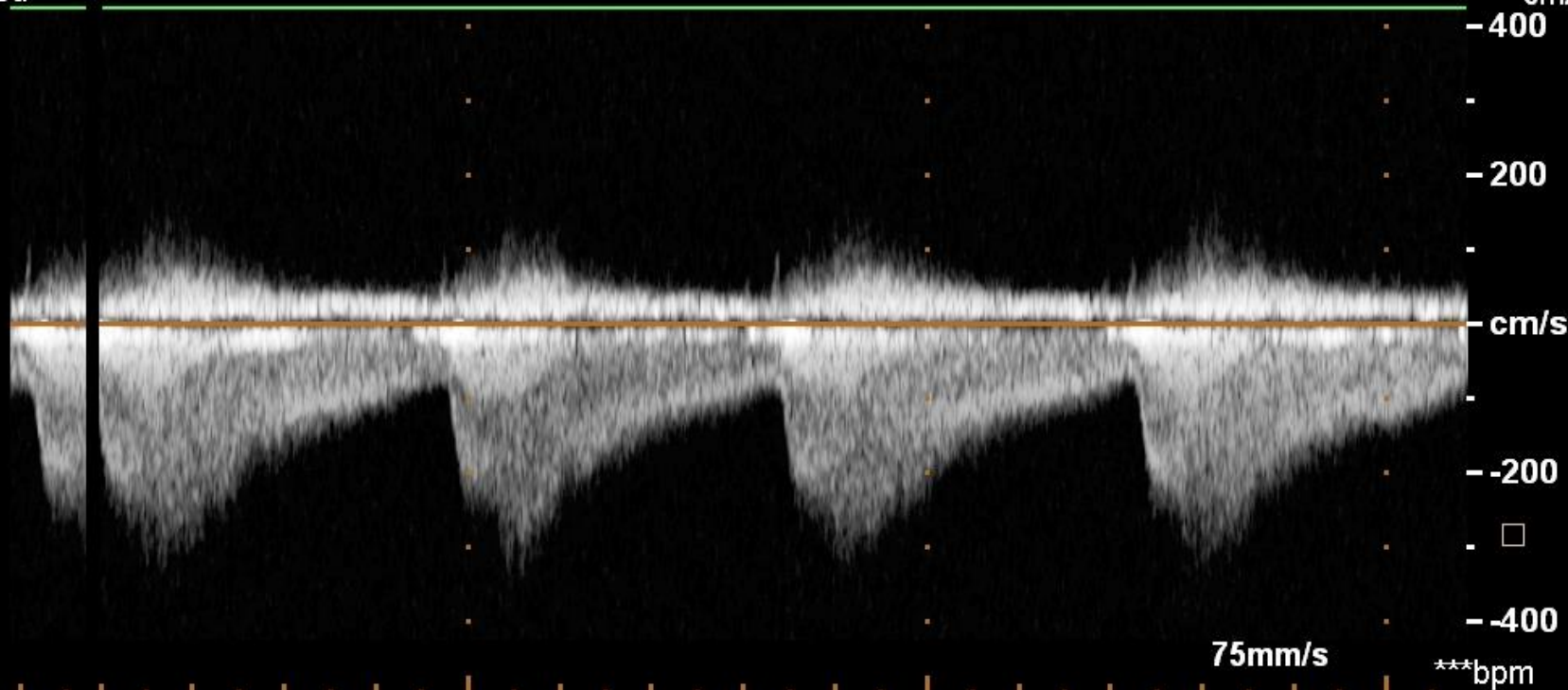
50%

1.8MHz

WF 225Hz

M3 M4

+61.6

-61.6
cm/s

***bpm

Caz/16

FR 53Hz
14cm

M3

2D
61%
C 50
P Low
HGen



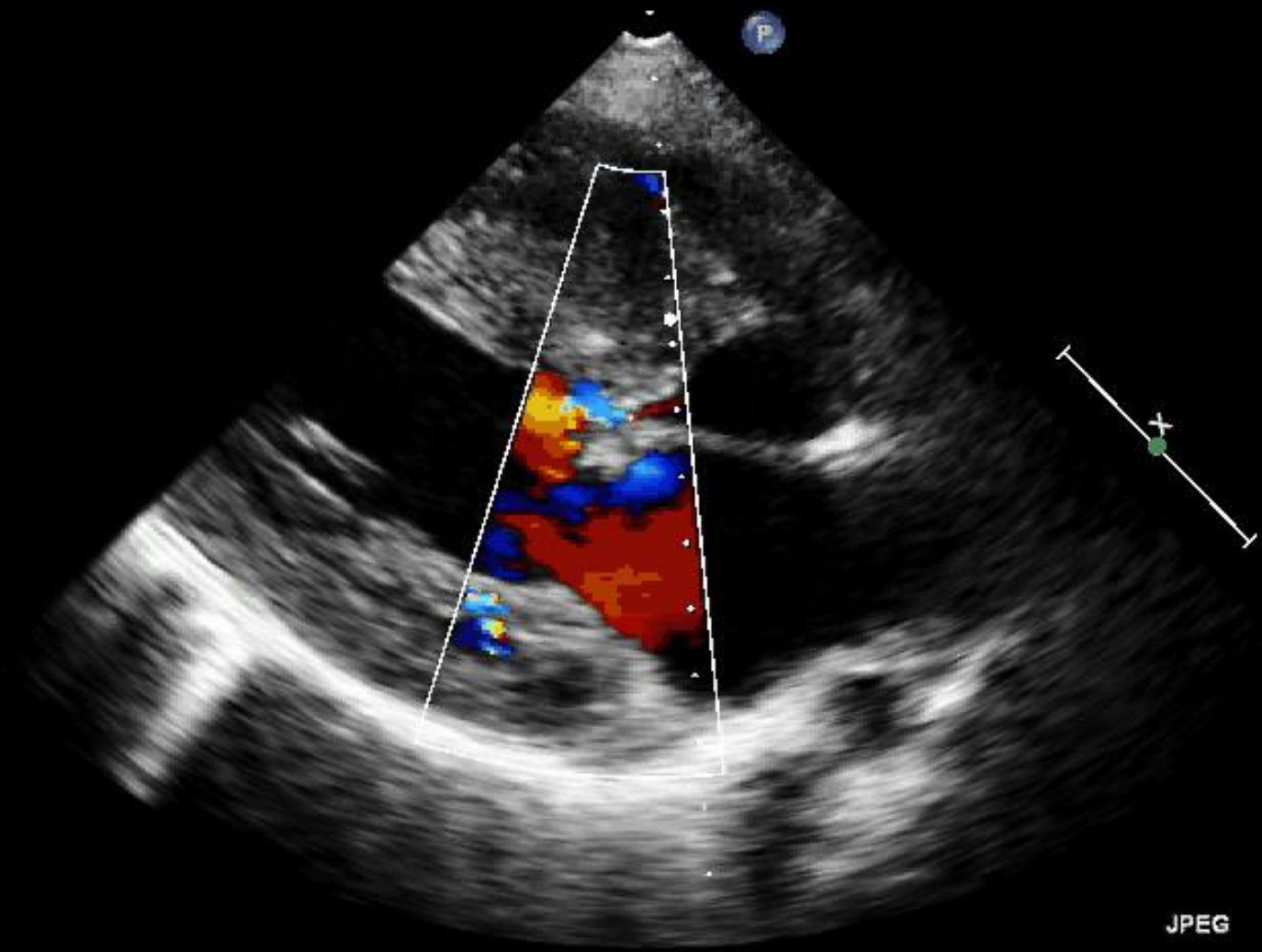
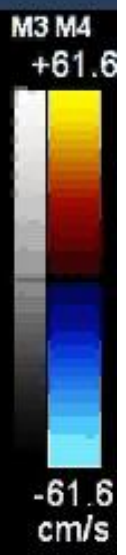
JPEG

bpm

FR 22Hz
14cm

2D
66%
C 50
P Low
HGen

CF
66%
2.5MHz
WF High
Med



JPEG

*** bpm

FR 50Hz
15cm

2D
65%
C 50
P Low
HGen

M3



JPEG

*** bpm

Thank You



*I love
ECHO*

