

**Supplementary Table 1.** *Cardiologist bedside exam findings.* JVP = jugular venous pressure. NC = patient enrolled but right heart catheterization aborted or bedside assessment not completed.

Patient ID	Invasive right atrial pressure (mmHg)	Bedside JVP Cardiologist 1(cm H <sub>2</sub> O)	Bedside JVP Cardiologist 2 (cm H <sub>2</sub> O)
1	5	10	5
2	9	15	15
3	7	5	6
4	3	6	10
5	8	6	6
6	9	6	7
7	4	5	5
8	7	5	6
9	11	8	9
10	8	5	6
11	3	7	0
12	7	5	5
13	10	6	6
14	10	7	6
15	5	5	6
16	8	5	6
17	13	10	4
18	15	12	15
19	7	8	7
20	2	6	NC
21	3	10	7
22	22	15	6

23	8	8	8
24	8	5	7
25	3	6	5
26	6	5	7
27	8	6	7
28	10	5	5
29	5	6	5
30	8	10	2
31	4	8	3
32	17	15	15
33	4	5	6
34	10	4	10
35	9	5	0
36	5	7	5
37	11	8	8
38	16	8	NC
39	11	7	6
40	11	7	6
41	8	6	NC
42	10	1	NC
43	6	5	6
44	5	6	6
45	6	8	6
46	30	5	4
47	12	10	11
48	4	6	6

**Supplementary Table 2.** *Cardiologist video exam findings.* All data presented in cm H<sub>2</sub>O. NC = assessment not completed.

ID	<u>Cardiologist 1</u>		<u>Cardiologist 2</u>		<u>Cardiologist 3</u>		<u>Cardiologist 4</u>		<u>Cardiologist 5</u>		<u>Cardiologist 6</u>		<u>Cardiologist 7</u>		<u>Cardiologist 8</u>		<u>Cardiologist 9</u>	
	Raw	Amplified	Raw	Amplified	Raw	Amplified	Raw	Amplified	Raw	Amplified	Raw	Amplified	Raw	Amplified	Raw	Amplified	Raw	Amplified
1	8	8	9	9	6	8	7	7	7	7	6	8	7	9	5	5	9	10
2	11	12	12	10	13	13	11	11	8	8	13	11	14	15	10	10	12	18
3	5	5	7	7	7	8	6	6	6	6	NC	NC	5	6	4	4	8	8
4	7	7	10	10	8	11	8	9	7	7	9	9	4	7	7	7	11	11
5	7	7	10	12	7	7	7	7	NC	NC	7	8	2	5	5	5	9	9
6	5	5	7	7	12	12	6	6	6	7	6	6	5	5	5	5	8	9
7	5	5	7	7	5	7	6	6	6	6	5	6	2	3	4	4	8	8
8	7	7	NC	7	9	9	7	8	9	10	7	7	2	5	8	6	11	11
9	10	10	11	13	11	13	10	12	10	10	10	11	5	6	5	5	13	14
10	5	5	12	12	8	11	6	7	6	7	5	6	5	8	5	5	9	11
11	5	5	8	10	11	7	5	5	7	8	NC	NC	2	5	4	4	8	9
12	6	6	8	8	8	9	6	7	6	9	7	8	5	6	4	5	8	9
13	8	8	10	10	10	13	9	10	8	8	7	10	7	10	5	5	9	11
14	7	7	7	9	15	15	8	7	8	10	6	8	6	10	5	9	10	10
15	5	5	7	7	10	10	6	8	5	7	9	10	5	5	4	4	8	9
16	5	5	11	14	10	15	6	7	9	12	13	15	3	6	8	8	9	18
17	10	10	7	7	5	8	7	7	7	9	5	7	0	4	4	4	10	14
18	5	5	15	15	8	9	6	7	8	8	6	8	2	5	4	4	9	10
19	6	6	8	7	7	14	7	9	7	10	9	11	3	5	4	4	11	13
20	5	5	7	7	7	10	7	8	6	8	8	8	2	5	5	6	9	10
21	8	8	11	11	13	13	10	12	8	9	12	10	7	8	8	9	13	14
22	6	6	10	14	15	15	17	17	8	10	15	15	3	4	7	9	10	16

23	10	10	11	10	12	15	10	8	10	8	10	8	14	15	10	10	14	16
24	12	12	7	11	7	12	6	12	6	8	5	18	3	15	5	7	8	11
25	10	10	11	11	10	13	11	11	7	8	12	12	5	12	14	14	13	13
26	5	5	9	9	7	12	7	15	7	6	13	15	4	10	6	9	9	11
27	5	5	7	7	7	9	6	6	6	6	7	8	5	6	6	6	9	10
28	6	6	7	9	6	7	7	8	6	6	8	11	3	4	5	5	8	9
29	5	5	7	7	5	5	5	5	7	7	8	8	0	2	6	6	8	8
30	5	5	9	9	7	7	6	6	6	6	6	6	2	4	6	6	8	9
31	11	11	11	13	12	14	10	12	8	9	10	12	15	15	14	14	12	13
32	15	15	15	15	15	15	18	20	7	6	18	18	2	20	14	14	8	8
33	7	7	8	8	7	7	7	7	6	6	6	6	5	5	5	6	9	9
34	5	5	7	7	6	12	5	18	6	6	8	17	5	6	5	7	9	9
35	8	8	9	9	9	12	7	8	7	8	8	9	8	10	7	8	11	12
36	10	10	12	12	9	10	11	11	9	9	13	13	15	16	12	12	10	12
37	10	10	8	10	7	7	9	10	7	8	7	9	5	5	5	5	9	8
38	12	12	7	7	13	15	7	9	8	9	10	12	7	15	10	10	8	9
39	7	7	7	7	7	7	18	18	8	8	5	6	5	5	5	5	9	9
40	6	6	7	7	8	9	7	9	7	8	7	8	0	5	4	4	10	10
41	6	6	7	9	5	10	6	7	7	6	12	10	2	5	5	6	8	11
42	10	10	8	8	12	12	13	12	10	11	8	13	0	7	9	9	10	12
43	7	7	7	7	6	6	6	6	6	7	6	6	3	4	4	4	9	9
44	10	10	7	9	10	10	10	9	8	8	8	8	0	7	6	6	11	11
45	10	5	14	14	13	13	17	18	12	14	14	14	15	12	12	12	13	13
46	5	5	7	7	5	7	NC	NC	6	6	NC	NC	0	3	4	4	8	9
47	5	5	7	7	8	11	6	7	6	7	6	7	2	4	5	5	9	10

48 8 8 8 9 8 10 7 7 8 7 7 8 5 7 6 6 8 8

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**Supplementary Video 1.** Example of unamplified (left) and amplified (right) video capture. Written informed consent allowing publication of the participant's images was obtained.