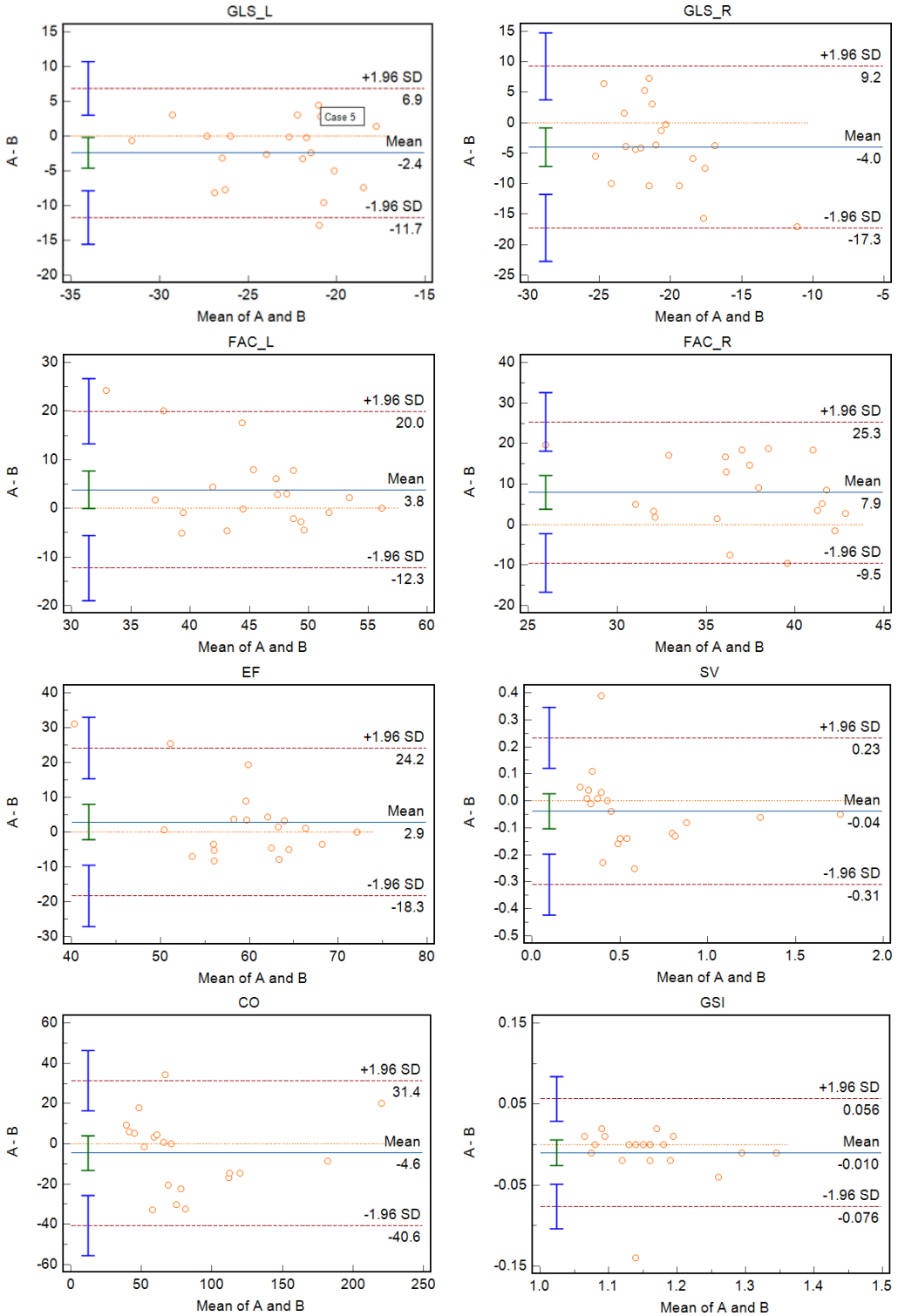

Figure S1 Bland-Altman plots of 20 fetal heart examinations by two ultrasound physicians using Fetal HQ. Each point on the plots represents an individual patient's data, The two red dashed lines above and below represent the upper and lower limits of the 95% limits of agreement (95%LoA). GLS, global longitudinal strain; FAC, fraction of area change; EF, ejection fraction; SV, stroke volume; CO, cardiac output; GSI, global spherical index.

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Table S1 Regression analysis of overall cardiac parameters with gestational week

Parameter	R^2	b	P
Length ED	0.888	0.189	<0.01
Width ED	0.905	0.172	<0.01
Area ED	0.910	10.162	<0.01
Fetal heart rate	0.099	-0.071	<0.01
LV			
ED area	0.783	0.018	<0.01
ED length	0.690	0.010	<0.01
EF	0.064	-0.054	<0.01
SV	0.682	0.011	<0.01
CO	0.681	1.454	<0.01
GLS	0.089	-0.041	<0.01
FAC	0.087	-0.054	<0.01
RV			
ED area	0.823	0.018	<0.01
ED length	0.747	0.009	<0.01
GLS	0.024	-0.017	<0.01
FAC	0.051	-0.037	<0.01

ED, end diastolic; Length, long cardiac diameter; Width, wide cardiac diameter; Area, heart area; GSI, global spherical index; EF, ejection fraction; SV, stroke volume; CO, cardiac output; GLS, global longitudinal strain; FAC, fraction of area change. R^2, coefficient of determination; b, regression coefficient; P values indicate statistical significance for the correlations, a P value less than 0.05 is considered statistically significant.

Table S2 Regression analysis of left ventricular EDD and gestational week

Segment	R^2	b	P
1	0.695	0.045	<0.01
2	0.723	0.047	<0.01
3	0.738	0.049	<0.01
4	0.745	0.051	<0.01
5	0.747	0.052	<0.01
6	0.747	0.052	<0.01
7	0.742	0.052	<0.01
8	0.733	0.050	<0.01
9	0.719	0.049	<0.01
10	0.704	0.047	<0.01
11	0.689	0.046	<0.01
12	0.673	0.044	<0.01
13	0.656	0.043	<0.01
14	0.639	0.041	<0.01
15	0.622	0.039	<0.01
16	0.606	0.038	<0.01
17	0.593	0.036	<0.01
18	0.579	0.034	<0.01
19	0.558	0.032	<0.01
20	0.527	0.030	<0.01
21	0.492	0.026	<0.01
22	0.465	0.021	<0.01
23	0.448	0.015	<0.01
24	0.437	0.007	<0.01

EDD, end-diastolic diameter; R^2, coefficient of determination; b, regression coefficient; P values indicate statistical significance for the correlations, a P value less than 0.05 is considered statistically significant.

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Table S3 Regression analysis of right ventricular EDD and gestational week

Segment	R^2	b	P
1	0.640	0.051	<0.01
2	0.664	0.054	<0.01
3	0.677	0.057	<0.01
4	0.684	0.059	<0.01
5	0.691	0.061	<0.01
6	0.702	0.063	<0.01
7	0.714	0.064	<0.01
8	0.724	0.064	<0.01
9	0.732	0.064	<0.01
10	0.736	0.063	<0.01
11	0.739	0.062	<0.01
12	0.738	0.060	<0.01
13	0.735	0.058	<0.01
14	0.729	0.056	<0.01
15	0.721	0.054	<0.01
16	0.712	0.051	<0.01
17	0.705	0.048	<0.01
18	0.698	0.045	<0.01
19	0.684	0.041	<0.01
20	0.656	0.037	<0.01
21	0.619	0.031	<0.01
22	0.587	0.025	<0.01
23	0.564	0.017	<0.01
24	0.551	0.009	<0.01

EDD, end-diastolic diameter; R^2, coefficient of determination; b, regression coefficient; P values indicate statistical significance for the correlations, a P value less than 0.05 is considered statistically significant.

Table S4 Regression analysis of left ventricular SI and gestational week

Segment	R^2	b	P
20	0.008	0.001	0.046
21	0.010	0.002	0.023
22	0.012	0.002	0.015
23	0.013	0.003	0.011
24	0.013	0.007	0.010

SI, sphericity index; R^2, coefficient of determination; b, regression coefficient; P values indicate statistical significance for the correlations, a P value less than 0.05 is considered statistically significant.

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Table S5 Regression analysis of right ventricular SI and gestational week

Segment	R^2	b	P
2	0.008	-0.001	0.043
3	0.012	-0.001	0.015
4	0.016	-0.001	<0.01
5	0.020	-0.001	<0.01
6	0.025	-0.001	<0.01
7	0.030	-0.001	<0.01
8	0.035	-0.001	<0.01
9	0.039	-0.002	<0.01
10	0.043	-0.002	<0.01
11	0.045	-0.002	<0.01
12	0.046	-0.002	<0.01
13	0.046	-0.022	<0.01
14	0.043	-0.002	<0.01
15	0.040	-0.002	<0.01
16	0.037	-0.002	<0.01
17	0.033	-0.002	<0.01
18	0.029	-0.002	<0.01
19	0.025	-0.002	<0.01
20	0.019	-0.002	<0.01
21	0.014	-0.002	<0.01
22	0.010	-0.002	0.024
23	0.008	-0.003	0.044

SI, sphericity index; R^2, coefficient of determination; b, regression coefficient; P values indicate statistical significance for the correlations, a P value less than 0.05 is considered statistically significant.

Table S6 Regression analysis of left ventricular FS and gestational week

Segment	R^2	b	P
1	0.008	-0.020	0.047
2	0.010	-0.019	0.026
3	0.012	-0.020	0.016
4	0.013	-0.020	0.011
5	0.014	-0.021	<0.01
6	0.016	-0.023	<0.01
7	0.019	-0.024	<0.01
8	0.021	-0.026	<0.01
9	0.024	-0.029	<0.01
10	0.027	-0.031	<0.01
11	0.031	-0.034	<0.01
12	0.035	-0.037	<0.01
13	0.038	-0.040	<0.01
14	0.043	-0.044	<0.01
15	0.048	-0.048	<0.01
16	0.055	-0.053	<0.01
17	0.063	-0.059	<0.01
18	0.071	-0.066	<0.01
19	0.075	-0.072	<0.01
20	0.076	-0.078	<0.01
21	0.073	-0.083	<0.01
22	0.071	-0.086	<0.01
23	0.070	-0.088	<0.01
24	0.068	-0.089	<0.01

EDD, end-diastolic diameter; R^2, coefficient of determination; b, regression coefficient; P values indicate statistical significance for the correlations, a P value less than 0.05 is considered statistically significant.

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Table S7 Regression analysis of right ventricular FS and gestational week

Segment	R^2	b	P
1	0.040	-0.044	<0.01
2	0.043	-0.040	<0.01
3	0.040	-0.037	<0.01
4	0.035	-0.034	<0.01
5	0.032	-0.032	<0.01
6	0.031	-0.031	<0.01
7	0.031	-0.031	<0.01
8	0.031	-0.030	<0.01
9	0.029	-0.029	<0.01
10	0.026	-0.028	<0.01
11	0.022	-0.026	<0.01
12	0.019	-0.024	<0.01
13	0.017	-0.023	<0.01
14	0.016	-0.024	<0.01
15	0.017	-0.026	<0.01
16	0.018	-0.028	<0.01
17	0.018	-0.029	<0.01
18	0.016	-0.029	<0.01
19	0.013	-0.028	0.010
20	0.009	-0.026	0.031

FS, fractional shortening; R^2, coefficient of determination; b, regression coefficient; P values indicate statistical significance for the correlations, a P value less than 0.05 is considered statistically significant.

Table S8 Repeatability test

Parameter	Inter-observer		Intra-observer	
	ICC	95% CI	ICC	95% CI
GLS_L	0.660	0.327–0.849	0.781	0.534–0.907
GLS_R	0.839	0.637–0.933	0.889	0.741–0.955
FAC_L	0.725	0.424–0.881	0.814	0.587–0.922
FAC_R	0.811	0.589–0.920	0.887	0.739–0.953
EF	0.744	0.454–0.890	0.847	0.652–0.937
SV	0.940	0.856–0.976	0.949	0.875–0.979
CO	0.938	0.851–0.975	0.939	0.851–0.975
GSI	0.838	0.642–0.932	0.892	0.751–0.956

GLS, global longitudinal strain; FAC, fraction of area change; EF, ejection fraction; SV, stroke volume; CO, cardiac output; GSI, global spherical index; ICC, intraclass correlation coefficient; CI, confidence interval.

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Table S9 Reference values for overall ventricular morphologic and functional parameters

Parameter	20–23^{+6} W					24–27^{+6} W					28–31^{+6} W					32–36^{+6} W					37–40^{+6} W				
	P_5	P_{10}	P_{50}	P_{90}	P_{95}	P_5	P_{10}	P_{50}	P_{90}	P_{95}	P_5	P_{10}	P_{50}	P_{90}	P_{95}	P_5	P_{10}	P_{50}	P_{90}	P_{95}	P_5	P_{10}	P_{50}	P_{90}	P_{95}
Length ED	25.53	26.19	29.02	31.50	32.24	26.93	27.41	30.24	33.31	34.36	32.44	33.45	38.02	43.09	45.89	38.00	39.91	43.60	48.87	51.04	44.09	44.39	48.64	53.32	53.59
Width ED	22.38	23.24	25.15	27.76	28.13	23.55	24.20	26.34	28.92	30.20	29.65	30.69	33.51	37.23	39.78	33.68	34.36	39.15	43.41	44.75	39.18	39.90	43.1	45.84	46.73
Area ED	466.93	489.89	564.43	689.01	698.53	509.04	529.29	623.51	760.12	792.90	770.42	803.86	997.90	1289.41	1405.07	1037.91	1093.71	1356.04	1669.05	1755.92	1369.47	1413.36	1635.4	1877.81	1922.29
GSI	1.06	1.08	1.15	1.24	1.27	1.06	1.07	1.15	1.23	1.28	1.04	1.06	1.12	1.21	1.26	1.03	1.05	1.12	1.22	1.24	1.04	1.06	1.12	1.22	1.25
LV ED area	0.79	0.93	1.13	1.43	1.47	0.91	1.01	1.25	1.61	1.69	1.30	1.43	1.94	2.37	2.82	1.65	1.90	2.63	3.52	3.82	2.12	2.21	2.90	3.62	4.03
LV ED length	1.47	1.55	1.79	2.00	2.11	1.49	1.58	1.82	2.12	2.25	1.84	1.86	2.20	2.65	2.86	2.03	2.16	2.64	3.18	3.27	2.22	2.35	2.84	3.12	3.30
RV ED area	0.65	0.70	0.89	1.16	1.21	0.74	0.77	1.00	1.30	1.45	1.13	1.32	1.64	2.30	2.56	1.55	1.76	2.23	3.13	3.47	1.89	2.12	2.78	3.65	3.83
RV ED length	1.19	1.23	1.42	1.60	1.64	1.18	1.26	1.48	1.71	1.81	1.53	1.54	1.87	2.20	2.27	1.74	1.80	2.12	2.61	2.73	1.92	2.04	2.38	2.81	2.90
SV (mL)	0.22	0.26	0.39	0.53	0.59	0.27	0.30	0.42	0.62	0.70	0.45	0.49	0.82	1.07	1.44	0.65	0.75	1.23	1.97	2.19	0.80	0.84	1.38	2.28	2.39
CO (mL/min)	30.75	38.64	56.03	80.19	82.45	39.20	43.50	59.86	90.00	102.22	66.68	71.90	119.62	156.15	193.76	89.43	105.02	177.85	269.19	297.53	109.35	127.59	190.96	294.82	317.46
EF (%)	49.85	51.70	63.02	69.10	69.88	43.90	46.42	58.64	68.26	70.84	42.19	47.59	57.32	67.08	68.90	45.60	46.53	55.72	66.35	68.80	36.41	41.12	55.21	64.17	65.18
GLS_L (%)	-33.19	-30.70	-23.84	-18.10	-17.29	-31.83	-30.49	-22.84	-16.18	-14.03	-30.49	-27.57	-21.44	-15.92	-12.93	-27.35	-26.35	-20.12	-15.74	-13.97	-25.72	-24.57	-19.04	-15.19	-14.25
FAC_L (%)	36.48	39.06	47.53	53.69	55.93	32.14	35.24	44.99	53.08	55.75	32.93	34.89	43.10	50.18	53.06	34.06	35.12	41.15	51.03	51.46	27.85	29.66	40.36	48.06	49.66
GLS_R (%)	-29.81	-27.61	-22.65	-17.75	-17.03	-29.84	-27.67	-22.03	-17.13	-15.93	-28.24	-26.83	-21.22	-15.61	-11.28	-26.74	-24.04	-20.90	-15.14	-14.27	-29.92	-27.52	-21.23	-16.18	-15.12
FAC_R (%)	32.69	34.23	41.34	49.52	50.45	30.04	32.87	39.75	47.81	51.51	26.76	28.84	38.34	45.90	47.44	26.67	28.84	36.23	44.55	46.82	29.83	30.51	38.44	47.82	50.00

ED, end diastolic; Length, long cardiac diameter; Width, wide cardiac diameter; Area, heart area; LV, left ventricle; RV right ventricle; GSI, global spherical index; EF, ejection fraction; SV, stroke volume; CO, cardiac output; GLS, global longitudinal strain; FAC, fraction of area change. P_5, 5%; P_{10}, 10%; P_{50}, 50%; P_{90}, 90%; P_{95}, 95%.

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Table S10 Reference values for EDD in left ventricular segments

Segment	20–23^{+6} W					24–27^{+6} W					28–31^{+6} W					32–36^{+6} W					37–40^{+6} W				
	P_5	P_{10}	P_{50}	P_{90}	P_{95}	P_5	P_{10}	P_{50}	P_{90}	P_{95}	P_5	P_{10}	P_{50}	P_{90}	P_{95}	P_5	P_{10}	P_{50}	P_{90}	P_{95}	P_5	P_{10}	P_{50}	P_{90}	P_{95}
1	6.14	6.64	7.61	8.73	9.03	6.53	6.77	8.12	9.65	9.98	7.82	8.28	9.96	11.36	11.93	9.00	9.61	11.45	13.39	13.80	9.36	10.44	12.39	14.53	15.20
2	6.35	6.93	7.75	8.97	9.23	6.81	7.09	8.39	9.83	10.12	8.29	8.83	10.24	11.83	12.39	9.24	10.01	11.79	13.89	14.19	9.92	11.04	12.82	15.00	15.78
3	6.57	7.16	8.00	9.18	9.48	7.06	7.34	8.63	10.03	10.36	8.45	9.11	10.64	12.25	12.72	9.62	10.45	12.22	14.21	14.78	10.54	11.42	13.27	15.45	16.42
4	6.77	7.29	8.18	9.39	9.72	7.22	7.57	8.87	10.23	10.57	8.60	9.30	10.91	12.66	12.97	9.98	10.72	12.69	14.69	15.24	11.11	11.65	13.58	15.72	16.89
5	6.90	7.31	8.32	9.53	9.84	7.40	7.68	8.97	10.37	10.69	8.73	9.59	11.12	12.92	13.27	10.18	10.88	12.95	15.13	15.53	11.48	11.71	13.82	15.94	17.01
6	6.93	7.25	8.36	9.43	9.86	7.36	7.70	8.97	10.34	10.66	8.69	9.64	11.13	12.90	13.50	10.24	10.87	12.87	15.06	15.55	11.40	11.69	13.75	15.83	16.70
7	6.87	7.14	8.31	9.26	9.80	7.21	7.67	8.86	10.23	10.6	8.73	9.59	10.95	12.67	13.55	10.08	10.82	12.60	14.72	15.44	11.27	11.58	13.57	15.52	16.31
8	6.78	7.03	8.22	9.06	9.72	7.15	7.55	8.67	10.02	10.46	8.69	9.52	10.69	12.44	13.50	9.88	10.53	12.31	14.27	15.12	10.94	11.37	13.26	15.05	16.23
9	6.73	6.88	8.05	8.95	9.54	6.93	7.36	8.50	9.83	10.20	8.50	9.24	10.41	12.22	13.28	9.72	10.12	12.06	14.04	14.74	10.57	11.03	12.83	14.53	16.30
10	6.60	6.75	7.84	8.79	9.29	6.74	7.22	8.31	9.57	9.93	8.21	8.97	10.04	11.97	12.96	9.53	9.79	11.78	13.79	14.38	10.19	10.80	12.62	14.11	16.19
11	6.46	6.57	7.67	8.58	8.98	6.59	6.96	8.21	9.43	9.78	7.97	8.65	9.73	11.76	12.56	9.17	9.46	11.48	13.58	14.18	9.76	10.44	12.27	13.88	15.98
12	6.22	6.47	7.47	8.38	8.72	6.41	6.63	7.99	9.23	9.58	7.76	8.39	9.62	11.60	12.14	8.90	9.05	11.19	13.40	14.02	9.46	10.17	11.86	13.85	15.69
13	5.98	6.22	7.26	8.17	8.45	6.00	6.52	7.74	8.96	9.34	7.46	8.16	9.48	11.36	11.73	8.50	8.84	10.80	13.08	13.83	9.08	9.83	11.35	13.78	15.35
14	5.71	5.99	7.08	7.94	8.16	5.70	6.31	7.44	8.78	9.02	7.19	7.83	9.29	11.13	11.39	8.12	8.64	10.39	12.57	13.51	8.73	9.19	10.98	13.67	14.99
15	5.45	5.80	6.85	7.69	8.05	5.44	6.02	7.14	8.50	8.78	7.09	7.32	9.07	10.74	11.13	7.82	8.40	9.94	12.16	13.16	8.36	8.72	10.55	13.36	14.57
16	5.29	5.58	6.58	7.51	7.86	5.40	5.72	6.89	8.16	8.55	6.80	6.88	8.79	10.38	10.92	7.59	8.10	9.61	11.91	12.79	7.93	8.57	10.08	12.87	14.10
17	5.14	5.39	6.39	7.29	7.61	5.26	5.57	6.64	7.96	8.30	6.39	6.61	8.59	9.97	10.78	7.39	7.77	9.30	11.54	12.42	7.68	8.42	9.61	12.36	13.48
18	5.02	5.18	6.21	7.16	7.44	5.09	5.36	6.47	7.76	8.01	6.07	6.44	8.24	9.72	10.66	7.02	7.52	9.11	11.14	11.96	7.53	7.90	9.26	12.01	12.66
19	4.72	4.95	5.99	7.00	7.32	4.90	5.10	6.27	7.54	7.91	5.77	6.16	7.83	9.47	10.28	6.56	7.03	8.66	10.69	11.37	7.16	7.45	8.91	11.44	11.78
20	4.29	4.54	5.54	6.74	7.18	4.49	4.77	5.89	7.12	7.47	5.32	5.63	7.21	8.93	9.61	5.80	6.54	8.10	10.04	10.56	6.57	6.78	8.43	10.46	10.79
21	3.77	3.96	4.93	6.12	6.61	3.92	4.17	5.28	6.32	6.78	4.61	4.97	6.39	7.92	8.49	4.91	5.63	7.20	9.21	9.39	5.60	5.96	7.49	9.25	9.62
22	3.04	3.18	4.03	5.00	5.48	3.11	3.34	4.27	5.14	5.54	3.71	3.93	5.15	6.46	6.87	3.88	4.43	5.81	7.52	7.72	4.34	4.76	6.07	7.51	7.87
23	2.11	2.22	2.85	3.57	3.88	2.15	2.33	3.00	3.65	3.92	2.59	2.75	3.61	4.57	4.82	2.69	3.05	4.10	5.31	5.51	2.98	3.29	4.27	5.28	5.56
24	1.07	1.14	1.47	1.86	2.01	1.10	1.19	1.55	1.89	2.03	1.34	1.42	1.86	2.36	2.48	1.38	1.56	2.12	2.73	2.87	1.52	1.68	2.20	2.73	2.87

EDD, end-diastolic diameter. P_5, 5%; P_{10}, 10%; P_{50}, 50%; P_{90}, 90%; P_{95}, 95%.

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Table S11 Reference values for EDD in right ventricular segments

Segment	20–23^{+6} W					24–27^{+6} W					28–31^{+6} W					32–36^{+6} W					37–40^{+6} W				
	P_5	P_{10}	P_{50}	P_{90}	P_{95}	P_5	P_{10}	P_{50}	P_{90}	P_{95}	P_5	P_{10}	P_{50}	P_{90}	P_{95}	P_5	P_{10}	P_{50}	P_{90}	P_{95}	P_5	P_{10}	P_{50}	P_{90}	P_{95}
1	5.49	5.75	7.14	9.21	9.67	5.81	6.23	7.54	9.69	10.13	7.58	7.75	9.85	12.23	12.94	8.64	9.08	11.78	13.92	14.9	9.08	9.95	12.52	14.86	15.20
2	5.78	6.01	7.39	9.54	9.78	6.14	6.47	7.87	9.96	10.49	7.95	8.13	10.36	12.82	13.26	9.04	9.38	12.18	14.32	15.67	9.55	10.52	13.20	15.46	15.97
3	5.93	6.29	7.69	9.42	10.05	6.41	6.64	8.13	10.14	10.87	8.20	8.61	10.80	13.36	13.68	9.50	9.70	12.59	14.88	16.29	10.00	11.02	13.54	15.96	16.80
4	6.00	6.52	7.95	9.50	10.28	6.58	6.76	8.32	10.38	11.19	8.48	8.94	11.16	13.83	14.17	9.77	10.06	13.05	15.46	16.93	10.4	11.24	13.95	16.28	17.33
5	6.04	6.61	8.17	9.45	10.51	6.69	6.88	8.47	10.60	11.36	8.69	9.18	11.40	14.15	14.66	9.97	10.42	13.25	16.00	17.34	10.66	11.36	14.15	16.50	17.76
6	6.06	6.59	8.24	9.36	10.62	6.76	6.94	8.54	10.70	11.30	8.76	9.06	11.54	14.23	14.65	10.13	10.48	13.26	16.20	17.22	10.93	11.37	14.46	16.53	18.06
7	6.05	6.55	8.21	9.34	10.53	6.77	6.99	8.50	10.52	11.01	8.70	8.90	11.52	14.14	14.57	10.27	10.73	13.26	16.10	16.84	11.11	11.46	14.54	16.41	18.25
8	6.04	6.47	8.06	9.26	10.25	6.69	6.95	8.44	10.36	10.80	8.62	8.82	11.36	13.99	14.56	10.32	10.94	13.09	15.93	16.59	11.07	11.74	14.65	16.09	18.33
9	6.04	6.33	7.91	9.09	10.00	6.58	6.89	8.33	10.14	10.68	8.55	8.76	11.13	13.75	14.50	10.27	10.98	12.96	15.84	16.31	10.99	11.84	14.47	15.99	18.32
10	5.99	6.17	7.72	8.91	9.71	6.42	6.80	8.07	9.91	10.58	8.59	8.72	10.91	13.42	14.42	10.06	10.93	12.65	15.53	15.98	10.88	11.47	14.27	15.69	18.17
11	5.78	6.03	7.50	8.70	9.38	6.26	6.57	7.93	9.71	10.25	8.22	8.57	10.65	13.13	14.28	9.75	10.62	12.46	15.15	15.62	10.69	11.06	13.95	15.20	17.88
12	5.57	5.85	7.23	8.43	9.07	6.01	6.35	7.73	9.37	9.89	7.71	7.98	10.39	12.61	14.07	9.41	10.33	12.19	14.72	15.29	10.29	10.86	13.61	14.83	17.34
13	5.37	5.65	7.02	8.20	8.64	5.73	6.15	7.48	9.06	9.65	7.34	7.52	10.07	12.37	13.74	9.12	9.94	11.82	14.22	14.96	9.86	10.65	13.11	14.49	16.41
14	5.17	5.34	6.74	7.80	8.30	5.47	5.92	7.17	8.72	9.37	6.86	7.23	9.69	12.07	13.28	8.76	9.40	11.28	13.78	14.44	9.43	10.35	12.51	14.05	15.43
15	4.89	5.25	6.52	7.65	7.98	5.20	5.69	6.90	8.47	8.89	6.42	6.98	9.23	11.66	12.69	8.45	8.79	10.84	13.28	13.75	9.01	9.85	11.85	13.53	14.69
16	4.67	5.02	6.16	7.48	7.62	4.99	5.44	6.64	8.16	8.44	6.10	6.79	8.77	11.20	12.02	8.04	8.26	10.39	12.68	13.35	8.73	9.31	11.46	12.95	14.09
17	4.46	4.83	5.83	7.03	7.34	4.80	5.11	6.31	7.75	8.09	5.93	6.54	8.18	10.80	11.28	7.59	7.92	9.79	12.02	12.66	8.41	8.69	10.96	12.36	13.35
18	4.31	4.55	5.52	6.49	7.05	4.66	4.83	5.99	7.32	7.73	5.91	6.10	7.87	10.45	10.52	7.10	7.43	9.20	11.40	11.75	7.69	8.30	10.28	11.85	12.37
19	4.03	4.18	5.13	6.20	6.66	4.41	4.52	5.54	6.92	7.33	5.46	5.95	7.29	9.70	10.06	6.67	6.84	8.58	10.71	11.08	7.15	7.65	9.53	11.16	11.50
20	3.53	3.81	4.69	5.68	6.13	3.94	4.10	5.06	6.28	6.71	4.82	5.51	6.51	8.67	9.36	5.94	6.13	7.74	9.87	10.16	6.58	6.73	8.65	10.45	10.57
21	2.91	3.24	4.04	4.94	5.44	3.32	3.51	4.33	5.42	5.87	4.08	4.76	5.60	7.52	8.25	4.89	5.21	6.65	8.64	8.90	5.34	5.68	7.51	9.20	9.46
22	2.34	2.58	3.22	4.04	4.39	2.62	2.78	3.48	4.30	4.73	3.20	3.73	4.45	5.97	6.67	3.87	4.06	5.35	6.85	7.20	4.01	4.43	5.89	7.38	7.72
23	1.61	1.78	2.25	2.86	3.09	1.80	1.92	2.41	2.99	3.32	2.20	2.58	3.11	4.20	4.67	2.67	2.79	3.73	4.73	5.05	2.68	3.05	4.04	5.16	5.45
24	0.81	0.91	1.16	1.48	1.60	0.91	0.98	1.23	1.54	1.71	1.13	1.31	1.60	2.17	2.40	1.36	1.43	1.90	2.43	2.60	1.34	1.55	2.07	2.65	2.81

EDD, end-diastolic diameter. P_5, 5%; P_{10}, 10%; P_{50}, 50%; P_{90}, 90%; P_{95}, 95%.

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Table S12 Reference values for SI in left ventricular segments

Segment	20–23^{+6} W					24–27^{+6} W					28–31^{+6} W					32–36^{+6} W					37–40^{+6} W				
	P_5	P_{10}	P_{50}	P_{90}	P_{95}	P_5	P_{10}	P_{50}	P_{90}	P_{95}	P_5	P_{10}	P_{50}	P_{90}	P_{95}	P_5	P_{10}	P_{50}	P_{90}	P_{95}	P_5	P_{10}	P_{50}	P_{90}	P_{95}
1	1.91	2.03	2.32	2.68	2.81	1.74	1.85	2.28	2.68	2.89	1.83	1.95	2.23	2.67	2.79	1.86	2.00	2.38	2.75	2.94	1.75	1.84	2.20	2.72	2.88
2	1.85	1.99	2.27	2.56	2.71	1.71	1.79	2.21	2.58	2.76	1.81	1.89	2.14	2.54	2.64	1.79	1.93	2.30	2.62	2.84	1.70	1.81	2.14	2.60	2.75
3	1.83	1.92	2.21	2.46	2.62	1.64	1.75	2.14	2.49	2.68	1.75	1.84	2.09	2.44	2.51	1.73	1.87	2.21	2.51	2.71	1.64	1.77	2.08	2.49	2.61
4	1.81	1.88	2.16	2.43	2.55	1.60	1.72	2.09	2.42	2.60	1.69	1.80	2.03	2.41	2.50	1.68	1.80	2.16	2.44	2.62	1.61	1.76	2.01	2.40	2.54
5	1.79	1.86	2.13	2.43	2.50	1.59	1.70	2.06	2.39	2.54	1.67	1.77	2.00	2.38	2.55	1.65	1.75	2.09	2.42	2.61	1.60	1.73	1.99	2.37	2.47
6	1.78	1.86	2.12	2.44	2.48	1.59	1.72	2.06	2.40	2.55	1.67	1.75	2.00	2.39	2.63	1.64	1.73	2.10	2.44	2.66	1.61	1.73	1.98	2.36	2.51
7	1.81	1.87	2.15	2.45	2.51	1.62	1.73	2.07	2.43	2.62	1.69	1.76	2.01	2.41	2.75	1.63	1.75	2.11	2.48	2.75	1.65	1.74	2.01	2.40	2.62
8	1.84	1.89	2.18	2.51	2.57	1.65	1.75	2.11	2.50	2.65	1.73	1.76	2.04	2.45	2.89	1.64	1.76	2.14	2.54	2.87	1.71	1.76	2.03	2.48	2.77
9	1.88	1.92	2.22	2.56	2.66	1.71	1.78	2.16	2.56	2.70	1.76	1.79	2.07	2.53	2.97	1.67	1.79	2.17	2.61	2.99	1.76	1.81	2.08	2.60	2.91
10	1.91	1.96	2.28	2.63	2.72	1.75	1.82	2.20	2.63	2.79	1.77	1.83	2.13	2.62	3.00	1.70	1.83	2.24	2.71	3.11	1.81	1.85	2.16	2.72	2.96
11	1.95	1.99	2.34	2.70	2.80	1.80	1.87	2.27	2.72	2.87	1.79	1.85	2.18	2.68	3.02	1.72	1.85	2.29	2.81	3.21	1.83	1.90	2.24	2.87	2.99
12	1.99	2.04	2.38	2.77	2.89	1.83	1.91	2.32	2.78	2.99	1.82	1.86	2.26	2.74	3.05	1.75	1.89	2.36	2.92	3.30	1.86	1.95	2.29	2.94	3.10
13	2.02	2.11	2.43	2.86	2.99	1.88	1.95	2.40	2.87	3.11	1.84	1.88	2.33	2.84	3.10	1.80	1.94	2.44	3.06	3.39	1.90	1.99	2.40	2.99	3.19
14	2.06	2.17	2.53	2.96	3.11	1.94	2.02	2.48	3.01	3.23	1.88	1.92	2.38	3.04	3.17	1.85	2.02	2.51	3.20	3.50	1.93	2.06	2.49	3.08	3.26
15	2.14	2.24	2.63	3.06	3.25	2.00	2.10	2.55	3.09	3.36	1.93	1.99	2.46	3.15	3.27	1.92	2.11	2.61	3.35	3.64	1.98	2.14	2.55	3.25	3.36
16	2.23	2.29	2.73	3.17	3.40	2.08	2.19	2.65	3.23	3.44	1.98	2.04	2.57	3.24	3.49	1.99	2.17	2.71	3.48	3.75	2.03	2.22	2.65	3.35	3.49
17	2.29	2.39	2.83	3.30	3.52	2.16	2.25	2.73	3.33	3.53	2.03	2.12	2.65	3.38	3.66	2.09	2.25	2.81	3.52	3.80	2.09	2.31	2.74	3.42	3.52
18	2.31	2.46	2.89	3.39	3.52	2.24	2.34	2.82	3.42	3.60	2.08	2.22	2.77	3.48	3.82	2.20	2.30	2.92	3.62	3.91	2.19	2.33	2.89	3.48	3.59
19	2.38	2.52	2.98	3.52	3.64	2.33	2.43	2.92	3.53	3.71	2.21	2.35	2.92	3.66	3.86	2.34	2.42	3.06	3.75	4.03	2.31	2.39	3.09	3.66	3.73
20	2.50	2.64	3.18	3.84	3.99	2.49	2.57	3.11	3.76	4.02	2.40	2.56	3.15	3.95	4.14	2.49	2.65	3.33	4.15	4.36	2.47	2.56	3.27	3.95	4.03
21	2.78	2.96	3.55	4.39	4.66	2.76	2.88	3.54	4.28	4.59	2.70	2.92	3.58	4.48	4.74	2.77	3.02	3.77	4.72	5.01	2.73	2.90	3.72	4.50	4.71
22	3.40	3.57	4.38	5.47	5.80	3.38	3.55	4.37	5.34	5.66	3.29	3.59	4.43	5.47	5.92	3.37	3.62	4.65	5.89	6.25	3.32	3.61	4.58	5.60	5.87
23	4.82	5.00	6.26	7.87	8.25	4.78	5.03	6.22	7.68	8.14	4.66	5.14	6.34	8.01	8.49	4.74	5.17	6.57	8.40	8.94	4.68	5.14	6.55	8.08	8.45
24	9.31	9.65	12.18	15.37	16.01	9.22	9.79	12.07	14.95	15.91	9.01	9.97	12.31	15.69	16.54	9.17	10.04	12.72	16.39	17.46	9.03	9.96	12.76	15.83	16.51

SI, sphericity index. P_5, 5%; P_{10}, 10%; P_{50}, 50%; P_{90}, 90%; P_{95}, 95%.

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Table S13 Reference values for SI in right ventricular segments

Segment	20–23^{+6} W					24–27^{+6} W					28–31^{+6} W					32–36^{+6} W					37–40^{+6} W				
	P_5	P_{10}	P_{50}	P_{90}	P_{95}	P_5	P_{10}	P_{50}	P_{90}	P_{95}	P_5	P_{10}	P_{50}	P_{90}	P_{95}	P_5	P_{10}	P_{50}	P_{90}	P_{95}	P_5	P_{10}	P_{50}	P_{90}	P_{95}
1	1.40	1.62	1.96	2.33	2.52	1.34	1.47	1.95	2.40	2.49	1.33	1.51	1.91	2.43	2.56	1.40	1.55	1.85	2.27	2.36	1.43	1.59	1.93	2.33	2.47
2	1.39	1.56	1.88	2.29	2.41	1.30	1.42	1.89	2.29	2.38	1.31	1.43	1.82	2.25	2.39	1.36	1.47	1.79	2.16	2.27	1.40	1.55	1.88	2.22	2.37
3	1.37	1.49	1.80	2.26	2.33	1.26	1.38	1.85	2.22	2.32	1.28	1.38	1.72	2.18	2.25	1.31	1.39	1.73	2.08	2.18	1.36	1.48	1.82	2.11	2.25
4	1.32	1.46	1.78	2.21	2.29	1.23	1.34	1.79	2.19	2.27	1.26	1.33	1.69	2.12	2.17	1.28	1.33	1.68	2.01	2.10	1.31	1.42	1.74	2.05	2.18
5	1.29	1.44	1.76	2.20	2.28	1.21	1.31	1.76	2.17	2.25	1.24	1.30	1.66	2.03	2.16	1.26	1.31	1.65	1.98	2.03	1.29	1.37	1.70	1.97	2.16
6	1.30	1.41	1.77	2.20	2.30	1.20	1.30	1.74	2.15	2.24	1.23	1.28	1.67	2.02	2.15	1.25	1.31	1.62	1.96	1.97	1.27	1.35	1.69	1.94	2.12
7	1.32	1.41	1.74	2.21	2.31	1.22	1.31	1.73	2.15	2.24	1.20	1.26	1.63	2.03	2.13	1.24	1.31	1.63	1.93	1.96	1.26	1.33	1.68	1.95	2.13
8	1.34	1.43	1.77	2.22	2.34	1.23	1.32	1.75	2.17	2.28	1.21	1.26	1.64	2.05	2.17	1.25	1.33	1.63	1.92	1.96	1.27	1.32	1.67	1.96	2.14
9	1.38	1.48	1.81	2.26	2.37	1.25	1.35	1.78	2.20	2.34	1.24	1.28	1.66	2.10	2.19	1.27	1.36	1.65	1.94	2.00	1.28	1.33	1.68	1.99	2.16
10	1.42	1.51	1.88	2.30	2.41	1.28	1.36	1.81	2.25	2.38	1.24	1.30	1.69	2.17	2.20	1.29	1.38	1.70	2.01	2.05	1.29	1.35	1.72	2.03	2.19
11	1.48	1.54	1.94	2.34	2.44	1.32	1.41	1.86	2.31	2.43	1.26	1.34	1.73	2.21	2.29	1.32	1.40	1.73	2.06	2.16	1.31	1.39	1.76	2.08	2.23
12	1.54	1.62	2.00	2.39	2.54	1.36	1.47	1.91	2.38	2.51	1.30	1.37	1.78	2.27	2.42	1.36	1.45	1.78	2.15	2.23	1.33	1.44	1.82	2.12	2.31
13	1.60	1.70	2.08	2.44	2.63	1.38	1.54	1.96	2.48	2.61	1.35	1.41	1.85	2.36	2.53	1.41	1.48	1.83	2.26	2.33	1.36	1.48	1.88	2.20	2.35
14	1.67	1.77	2.19	2.56	2.75	1.45	1.58	2.02	2.59	2.77	1.38	1.46	1.94	2.54	2.66	1.46	1.51	1.89	2.38	2.53	1.41	1.54	1.96	2.31	2.44
15	1.76	1.84	2.29	2.67	2.90	1.53	1.66	2.10	2.69	2.93	1.41	1.53	2.01	2.66	2.74	1.52	1.57	1.98	2.49	2.66	1.47	1.59	2.03	2.39	2.53
16	1.84	1.90	2.40	2.79	3.08	1.61	1.74	2.20	2.84	3.06	1.47	1.61	2.11	2.74	2.94	1.57	1.64	2.08	2.62	2.82	1.55	1.65	2.10	2.50	2.66
17	1.92	2.01	2.51	2.93	3.12	1.69	1.81	2.31	2.97	3.17	1.55	1.67	2.20	2.81	3.07	1.64	1.74	2.21	2.80	2.95	1.67	1.72	2.24	2.65	2.78
18	2.02	2.14	2.64	3.05	3.28	1.76	1.93	2.45	3.13	3.29	1.69	1.79	2.33	2.95	3.10	1.76	1.86	2.31	2.99	3.10	1.78	1.87	2.35	2.84	3.00
19	2.18	2.27	2.82	3.31	3.52	1.91	2.05	2.66	3.35	3.50	1.86	1.97	2.53	3.17	3.31	1.93	2.01	2.48	3.21	3.35	1.93	2.07	2.55	3.14	3.38
20	2.33	2.47	3.07	3.70	3.94	2.12	2.27	2.92	3.68	3.84	2.05	2.24	2.81	3.45	3.54	2.13	2.26	2.72	3.51	3.63	2.12	2.27	2.86	3.58	3.69
21	2.62	2.77	3.54	4.34	4.66	2.44	2.64	3.39	4.27	4.41	2.36	2.60	3.24	3.95	4.12	2.48	2.59	3.19	4.10	4.32	2.42	2.59	3.29	4.17	4.39
22	3.22	3.41	4.43	5.50	5.80	3.07	3.28	4.23	5.39	5.60	2.97	3.28	4.06	4.92	5.25	3.10	3.23	4.03	5.18	5.58	3.02	3.25	4.18	5.24	5.74
23	4.56	4.85	6.37	8.05	8.42	4.40	4.71	6.07	7.81	8.10	4.28	4.75	5.86	7.03	7.65	4.42	4.61	5.80	7.57	8.11	4.33	4.69	6.05	7.57	8.51
24	8.81	9.41	12.37	15.66	16.52	8.58	9.19	11.8	15.22	15.85	8.35	9.23	11.43	13.69	15.05	8.58	8.97	11.35	14.94	15.89	8.43	9.15	11.82	14.82	16.91

SI, sphericity index. P_5, 5%; P_{10}, 10%; P_{50}, 50%; P_{90}, 90%; P_{95}, 95%.

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Table S14 Reference values for FS in left ventricular segments

Segment	20–23^{+6} W					24–27^{+6} W					28–31^{+6} W					32–36^{+6} W					37–40^{+6} W				
	P_5	P_{10}	P_{50}	P_{90}	P_{95}	P_5	P_{10}	P_{50}	P_{90}	P_{95}	P_5	P_{10}	P_{50}	P_{90}	P_{95}	P_5	P_{10}	P_{50}	P_{90}	P_{95}	P_5	P_{10}	P_{50}	P_{90}	P_{95}
1	-0.01	3.37	11.75	24.74	27.46	-4.28	-0.57	10.41	22.32	23.62	-8.93	-0.82	10.23	20.24	21.99	-3.65	1.26	9.66	18.07	23.61	-2.09	-0.33	9.46	17.91	19.81
2	3.62	7.24	14.22	26.67	29.07	0.18	3.59	12.54	23.14	24.85	-3.02	4.17	13.17	20.54	23.16	2.52	5.13	12.32	20.77	25.91	2.26	2.92	11.03	18.85	20.66
3	7.05	10.08	15.80	28.20	30.90	3.86	6.89	14.68	24.20	26.91	2.24	6.64	16.12	22.56	25.29	6.43	7.20	14.25	23.16	28.54	2.69	6.44	13.55	20.73	21.78
4	9.56	11.40	18.77	30.28	31.45	6.52	9.39	17.06	26.02	29.36	6.25	8.63	18.23	24.25	28.31	8.32	9.17	17.00	26.26	31.31	3.86	8.54	15.24	22.49	25.01
5	11.84	13.86	21.34	31.59	33.25	8.52	11.53	19.08	27.78	30.84	8.16	9.97	19.48	26.90	31.40	9.79	11.39	19.56	29.68	33.13	5.83	9.62	16.98	25.34	27.88
6	14.90	16.20	23.81	32.84	34.50	11.11	13.76	21.12	29.63	32.91	10.25	12.59	22.37	29.61	33.91	11.36	13.45	21.24	32.26	34.11	8.42	10.30	19.22	28.17	29.93
7	17.80	19.03	25.92	33.84	36.67	13.59	15.40	23.74	31.62	34.29	12.63	15.37	24.15	32.52	35.88	12.87	15.54	23.46	33.97	36.46	9.59	12.33	21.14	30.65	31.55
8	20.73	21.73	29.00	36.25	38.56	15.01	17.35	25.98	33.96	36.34	13.88	18.76	26.34	34.54	37.77	15.27	17.98	25.07	36.38	38.89	9.94	13.35	22.89	33.19	34.78
9	22.62	23.94	30.77	38.97	40.52	16.32	19.00	27.87	36.23	38.64	15.31	20.91	27.70	37.03	39.92	16.45	19.68	27.33	38.42	40.00	11.92	15.66	24.37	35.39	36.29
10	23.83	25.70	33.34	40.93	41.52	17.97	20.00	29.76	38.47	41.32	16.81	24.05	29.72	38.31	42.58	18.02	20.74	28.29	39.07	41.81	13.59	17.08	27.19	36.83	38.08
11	25.32	26.98	35.38	41.86	43.21	19.52	21.46	31.63	40.57	43.76	18.20	24.60	31.08	40.01	45.57	19.97	22.47	30.78	40.48	42.85	16.43	18.92	29.24	38.80	39.78
12	25.95	28.25	37.11	43.77	45.38	20.68	23.47	33.50	43.19	46.05	20.14	24.70	32.63	42.29	47.71	21.34	23.38	32.40	41.55	44.95	18.29	20.73	31.22	40.29	41.98
13	26.00	29.01	37.74	46.45	47.95	20.86	25.25	35.39	45.89	49.46	21.94	25.24	34.87	43.48	48.78	23.43	24.17	33.91	42.42	46.71	20.37	22.15	31.60	41.97	44.37
14	26.47	29.60	39.73	48.85	50.99	21.79	26.44	36.54	48.05	51.16	22.90	26.08	36.89	45.25	49.99	24.37	25.75	35.10	42.94	48.01	21.75	23.23	32.76	43.99	46.71
15	27.32	30.08	40.71	51.40	53.50	22.71	28.05	37.99	49.16	53.41	23.59	27.26	38.20	47.74	51.24	25.32	27.63	36.62	43.74	48.35	23.01	24.49	33.58	45.94	49.12
16	28.34	31.09	42.38	53.51	55.71	24.79	29.24	39.79	50.51	55.82	25.43	28.33	39.81	49.89	51.81	26.32	27.65	37.72	45.98	48.30	24.09	24.58	34.37	47.25	50.25
17	29.13	32.57	43.67	55.41	57.89	26.54	29.30	41.45	52.55	57.37	26.06	28.86	41.13	51.70	53.44	27.09	28.27	39.15	46.89	49.45	23.67	25.20	36.34	48.09	50.45
18	30.34	32.94	45.80	57.90	60.85	26.08	30.42	42.93	55.18	58.42	27.78	28.94	41.00	52.91	55.77	27.31	29.15	39.43	48.41	50.53	22.58	25.62	37.25	48.18	49.55
19	31.31	33.61	46.64	59.45	62.87	25.85	30.81	44.95	57.06	59.49	24.03	29.08	41.61	54.60	58.52	27.07	28.44	39.27	50.36	51.77	20.68	24.94	38.69	47.88	49.42
20	30.39	34.34	47.34	60.81	63.32	25.58	29.94	45.99	58.27	61.26	20.51	29.28	41.13	55.13	60.38	24.75	28.47	39.76	51.96	53.77	19.25	23.68	39.53	48.08	50.15
21	30.22	34.55	47.60	61.64	64.18	24.52	28.77	46.62	59.57	62.30	18.36	28.71	42.24	55.31	61.64	21.95	28.48	39.93	52.77	56.21	17.56	21.22	39.56	48.19	50.76
22	29.19	32.75	47.87	62.12	65.21	22.53	27.66	47.26	60.80	63.16	16.77	28.01	42.55	55.93	62.42	19.89	28.26	40.65	53.51	57.57	16.00	19.59	39.79	48.58	50.82
23	28.41	33.25	47.97	63.28	65.84	21.75	27.54	47.83	61.47	63.79	15.80	27.55	42.76	56.31	62.88	18.55	28.04	41.41	54.08	58.31	14.99	19.01	39.73	49.44	50.83
24	27.78	33.65	47.92	63.66	66.18	21.37	27.50	48.17	61.82	64.12	15.26	27.30	43.12	56.46	63.14	17.79	27.92	41.55	54.41	58.72	14.44	18.69	39.90	49.93	51.24

FS, fractional shortening. P_5, 5%; P_{10}, 10%; P_{50}, 50%; P_{90}, 90%; P_{95}, 95%.

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Table S15 Reference values for FS in right ventricular segments

Segment	20–23^{+6} W					24–27^{+6} W					28–31^{+6} W					32–36^{+6} W					37–40^{+6} W				
	P_5	P_{10}	P_{50}	P_{90}	P_{95}	P_5	P_{10}	P_{50}	P_{90}	P_{95}	P_5	P_{10}	P_{50}	P_{90}	P_{95}	P_5	P_{10}	P_{50}	P_{90}	P_{95}	P_5	P_{10}	P_{50}	P_{90}	P_{95}
1	-1.99	0.59	15.70	25.22	26.64	1.56	4.06	14.26	24.32	26.29	-5.83	-3.98	11.79	18.87	22.84	-8.10	-1.40	9.64	21.39	22.28	-0.40	3.25	10.34	18.44	24.23
2	3.29	4.83	18.15	26.25	27.66	5.89	7.25	16.05	25.59	27.80	-1.34	1.55	15.15	22.45	25.41	-3.56	2.30	13.33	23.07	23.37	3.17	5.47	13.31	20.18	25.36
3	6.27	10.51	19.84	27.30	29.14	8.22	9.77	18.37	26.41	29.38	3.00	7.11	17.53	24.50	27.85	1.48	3.48	15.98	24.63	26.18	6.39	7.50	16.53	24.33	26.11
4	9.16	13.22	21.22	29.31	31.04	9.56	12.00	20.02	28.39	30.25	6.30	9.97	18.88	27.92	29.33	3.71	8.01	18.17	26.04	28.44	6.80	9.69	19.00	27.38	28.20
5	12.68	14.88	22.40	31.42	33.34	11.01	13.16	21.70	30.16	32.08	8.89	11.72	20.21	30.34	31.33	6.32	11.21	19.10	27.66	31.28	7.87	11.42	20.50	28.74	31.06
6	14.84	16.61	24.25	32.02	34.43	12.20	14.22	22.91	31.02	33.05	10.25	11.88	21.54	31.88	32.87	8.54	12.83	20.36	29.11	31.16	8.50	12.92	21.20	30.57	32.14
7	15.44	17.55	25.05	32.40	34.42	13.15	15.34	23.91	31.78	33.90	11.72	12.33	22.23	32.46	33.93	10.55	13.61	21.14	29.91	31.72	8.30	13.89	21.58	30.98	33.15
8	16.16	17.50	25.19	33.46	35.15	13.46	15.89	24.23	32.62	34.61	12.99	13.43	22.57	32.23	34.89	11.30	14.41	21.27	30.65	32.77	9.83	13.80	22.85	31.77	33.61
9	15.22	18.51	25.62	34.42	35.39	13.81	16.66	24.06	33.40	35.56	14.10	15.06	23.17	31.91	35.46	12.30	15.45	21.98	31.21	33.46	11.86	13.81	23.34	32.61	33.65
10	15.71	18.96	26.22	34.94	36.51	13.68	17.51	24.31	33.66	36.17	15.17	16.72	23.10	33.53	36.51	12.79	16.26	21.83	31.97	34.39	12.00	15.68	23.78	32.68	33.69
11	16.37	19.13	25.81	35.97	37.80	14.70	17.46	24.68	33.53	37.08	16.23	17.28	23.45	34.99	36.40	13.69	16.73	22.50	32.30	34.11	12.35	16.27	24.23	33.05	34.35
12	17.07	19.37	25.87	36.27	38.39	14.87	17.65	24.99	34.07	37.57	15.24	17.47	24.13	34.62	36.88	13.54	16.61	22.74	32.75	33.47	12.84	16.23	24.73	33.12	34.87
13	16.80	19.93	26.37	36.11	39.28	15.44	17.28	25.35	35.30	37.34	13.38	17.23	24.50	35.27	37.06	13.59	16.38	23.03	32.93	33.46	13.29	15.36	25.77	33.33	35.04
14	16.69	20.29	26.90	37.33	39.11	14.98	16.74	26.03	36.12	37.82	13.64	16.95	25.34	36.43	37.17	13.41	15.75	23.79	32.74	34.03	13.74	15.60	26.56	34.64	34.88
15	15.87	20.21	28.04	37.15	39.31	14.41	16.12	27.10	37.49	38.78	13.00	16.80	25.52	36.90	37.55	12.40	15.37	24.37	33.28	34.53	14.50	15.48	27.86	35.01	36.00
16	14.98	20.37	28.52	37.86	40.66	12.98	15.88	28.14	38.26	40.34	12.98	16.80	25.49	36.46	38.51	11.87	16.33	24.46	33.17	35.39	14.11	15.53	28.19	36.19	36.86
17	12.51	20.07	28.12	36.95	41.42	12.09	15.05	28.63	38.74	42.02	11.87	16.24	25.03	36.34	39.09	12.57	16.67	24.44	35.11	36.14	12.09	14.75	28.24	35.99	37.59
18	11.27	19.11	27.60	37.22	41.93	11.40	13.27	28.24	38.86	42.48	11.74	15.23	24.89	36.58	38.89	12.95	15.31	23.84	35.18	36.41	9.43	13.33	28.83	35.39	37.37
19	9.64	15.88	27.10	37.55	41.85	10.10	13.41	27.30	39.23	43.28	9.61	13.70	24.59	37.70	38.80	10.13	13.96	22.91	35.59	36.44	7.26	8.33	27.17	36.02	37.23
20	8.89	10.86	26.27	37.69	41.06	7.16	11.93	25.74	39.64	45.07	7.16	12.05	23.47	36.84	39.13	10.70	12.25	22.07	35.44	37.08	2.48	6.66	25.85	36.46	37.63
21	2.81	8.28	25.68	37.19	41.18	4.59	8.73	25.05	40.92	45.07	7.09	9.00	23.32	36.38	40.25	8.21	11.24	21.30	35.24	37.47	-2.35	5.07	24.85	36.44	38.51
22	-3.67	5.50	24.54	37.95	41.30	0.50	6.42	24.17	41.81	45.32	5.62	7.50	23.16	36.59	41.03	5.53	9.12	20.79	35.55	37.71	-6.19	1.68	24.29	36.58	39.19
23	-8.21	3.06	23.71	38.52	41.46	-2.29	4.34	23.59	42.30	46.04	3.63	5.07	22.42	37.12	41.53	3.24	7.50	20.52	35.81	37.86	-8.98	-2.12	24.28	36.85	39.61
24	-10.30	1.63	22.79	38.83	41.55	-3.38	4.08	23.34	42.12	46.38	2.45	4.38	22.01	37.40	41.81	1.37	6.48	20.39	35.95	37.94	-10.82	-4.66	24.19	37.01	39.85

FS, fractional shortening. P_5, 5%; P_{10}, 10%; P_{50}, 50%; P_{90}, 90%; P_{95}, 95%.

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