

Допплерометрия

Артерии пуповины (интраабдоминальная часть – пупочные артерии)

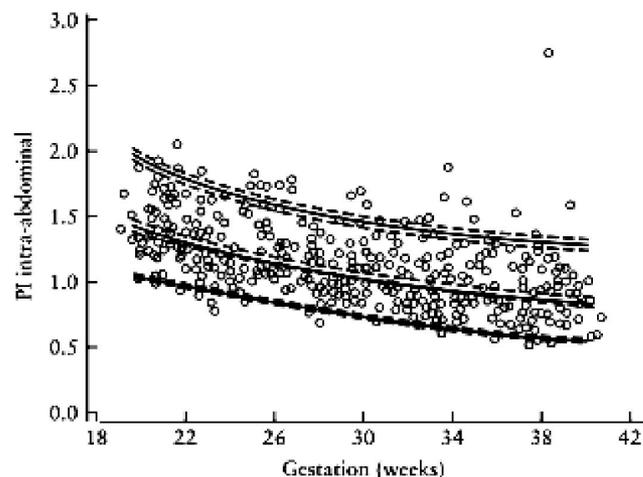
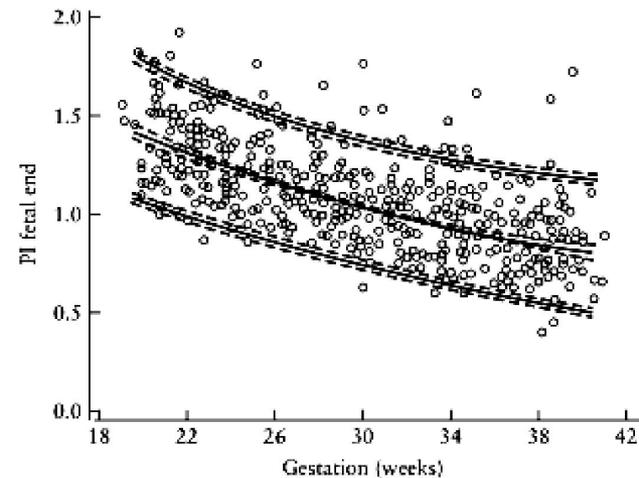


Table 1 Umbilical artery pulsatility index at the intra-abdominal portion based on 513 observations in 130 low-risk pregnancies

<i>Gestation</i> (weeks)	<i>Percentile</i>								
	2.5	5	10	25	50	75	90	95	97.5
19	1.01	1.08	1.16	1.31	1.50	1.71	1.93	2.08	2.21
20	0.99	1.05	1.13	1.27	1.45	1.65	1.86	2.00	2.12
21	0.96	1.02	1.09	1.22	1.39	1.58	1.78	1.90	2.02
22	0.93	0.99	1.06	1.19	1.35	1.53	1.72	1.84	1.95
23	0.91	0.96	1.03	1.15	1.31	1.48	1.66	1.78	1.89
24	0.88	0.93	1.00	1.12	1.27	1.44	1.61	1.72	1.83
25	0.85	0.90	0.97	1.08	1.23	1.40	1.56	1.67	1.78
26	0.83	0.88	0.94	1.05	1.20	1.36	1.52	1.63	1.73
27	0.80	0.85	0.91	1.02	1.16	1.32	1.49	1.59	1.69
28	0.78	0.82	0.88	0.99	1.13	1.29	1.45	1.56	1.66
29	0.75	0.80	0.86	0.97	1.10	1.26	1.42	1.53	1.62
30	0.73	0.77	0.83	0.94	1.08	1.23	1.39	1.50	1.60
31	0.70	0.75	0.81	0.92	1.05	1.21	1.37	1.47	1.57
32	0.68	0.73	0.79	0.89	1.03	1.18	1.34	1.45	1.55
33	0.66	0.71	0.76	0.87	1.00	1.16	1.32	1.43	1.53
34	0.64	0.68	0.74	0.85	0.98	1.14	1.30	1.41	1.51
35	0.62	0.66	0.72	0.83	0.96	1.12	1.28	1.39	1.50
36	0.60	0.65	0.70	0.81	0.94	1.10	1.27	1.38	1.48
37	0.58	0.63	0.68	0.79	0.92	1.08	1.25	1.36	1.47
38	0.56	0.61	0.67	0.77	0.91	1.07	1.23	1.35	1.45
39	0.55	0.59	0.65	0.75	0.89	1.05	1.22	1.33	1.44
40	0.53	0.58	0.63	0.74	0.87	1.03	1.21	1.32	1.43
41	0.52	0.56	0.62	0.72	0.86	1.02	1.19	1.31	1.42

Артерии пуповины (пупочное кольцо)

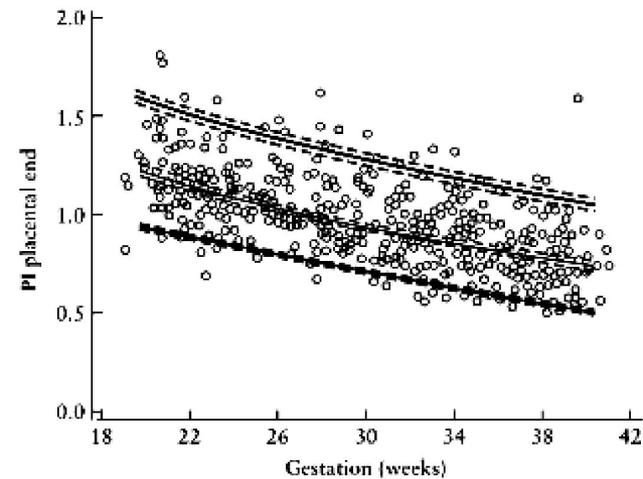
Table 2 Umbilical artery pulsatility index at the fetal end of the umbilical cord based on 513 observations in 130 low-risk pregnancies



Gestation (weeks)	Percentile								
	2.5	5	10	25	50	75	90	95	97.5
19	1.05	1.11	1.18	1.31	1.46	1.62	1.77	1.86	1.94
20	1.02	1.08	1.15	1.27	1.42	1.57	1.71	1.80	1.88
21	0.98	1.04	1.10	1.22	1.36	1.51	1.65	1.73	1.81
22	0.95	1.01	1.07	1.19	1.32	1.47	1.60	1.69	1.76
23	0.92	0.97	1.04	1.15	1.28	1.42	1.55	1.64	1.71
24	0.89	0.94	1.00	1.11	1.24	1.38	1.51	1.59	1.66
25	0.85	0.91	0.97	1.08	1.21	1.34	1.47	1.55	1.62
26	0.82	0.87	0.94	1.04	1.17	1.31	1.43	1.51	1.58
27	0.79	0.84	0.90	1.01	1.14	1.27	1.40	1.48	1.55
28	0.76	0.81	0.87	0.98	1.11	1.24	1.37	1.45	1.52
29	0.73	0.78	0.84	0.95	1.08	1.21	1.34	1.42	1.49
30	0.70	0.75	0.82	0.92	1.05	1.18	1.31	1.39	1.46
31	0.68	0.73	0.79	0.89	1.02	1.16	1.28	1.36	1.43
32	0.65	0.70	0.76	0.87	0.99	1.13	1.26	1.34	1.41
33	0.62	0.67	0.73	0.84	0.97	1.11	1.24	1.32	1.39
34	0.60	0.65	0.71	0.82	0.95	1.08	1.21	1.30	1.37
35	0.57	0.62	0.69	0.79	0.92	1.06	1.19	1.28	1.35
36	0.55	0.60	0.66	0.77	0.90	1.04	1.17	1.26	1.33
37	0.53	0.58	0.64	0.75	0.88	1.02	1.16	1.24	1.32
38	0.51	0.56	0.62	0.73	0.86	1.00	1.14	1.23	1.30
39	0.49	0.54	0.60	0.71	0.84	0.98	1.12	1.21	1.29
40	0.46	0.52	0.58	0.69	0.82	0.97	1.11	1.20	1.28
41	0.45	0.50	0.56	0.67	0.80	0.95	1.09	1.18	1.26

Артерии пуповины (корень пуповины)

Table 3 Umbilical artery pulsatility index at the placental end of the umbilical cord based on 513 observations in 130 low-risk pregnancies



Gestation (weeks)	Percentile								
	2.5	5	10	25	50	75	90	95	97.5
19	0.91	0.96	1.02	1.12	1.25	1.39	1.54	1.63	1.71
20	0.89	0.94	1.00	1.10	1.22	1.36	1.50	1.59	1.68
21	0.87	0.91	0.97	1.07	1.19	1.33	1.46	1.55	1.63
22	0.85	0.90	0.95	1.05	1.17	1.30	1.43	1.52	1.60
23	0.83	0.87	0.93	1.02	1.14	1.27	1.40	1.48	1.56
24	0.81	0.85	0.90	0.99	1.11	1.24	1.37	1.45	1.53
25	0.79	0.83	0.88	0.97	1.08	1.21	1.34	1.42	1.49
26	0.76	0.81	0.85	0.95	1.06	1.18	1.31	1.39	1.46
27	0.74	0.78	0.83	0.92	1.03	1.15	1.28	1.36	1.43
28	0.72	0.76	0.81	0.90	1.01	1.13	1.25	1.33	1.40
29	0.70	0.74	0.79	0.87	0.98	1.10	1.22	1.30	1.38
30	0.68	0.72	0.77	0.85	0.96	1.08	1.20	1.28	1.35
31	0.66	0.70	0.74	0.83	0.93	1.05	1.17	1.25	1.33
32	0.64	0.68	0.72	0.81	0.91	1.03	1.15	1.23	1.30
33	0.62	0.66	0.70	0.79	0.89	1.01	1.13	1.21	1.28
34	0.60	0.64	0.68	0.76	0.87	0.99	1.11	1.19	1.26
35	0.58	0.62	0.66	0.74	0.85	0.97	1.09	1.16	1.24
36	0.56	0.60	0.64	0.72	0.83	0.94	1.06	1.14	1.22
37	0.54	0.58	0.62	0.70	0.81	0.92	1.05	1.12	1.20
38	0.53	0.56	0.60	0.69	0.79	0.90	1.03	1.11	1.18
39	0.51	0.54	0.59	0.67	0.77	0.89	1.01	1.09	1.16
40	0.49	0.53	0.57	0.65	0.75	0.87	0.99	1.07	1.14
41	0.47	0.51	0.55	0.63	0.73	0.85	0.97	1.05	1.13

Маточные артерии

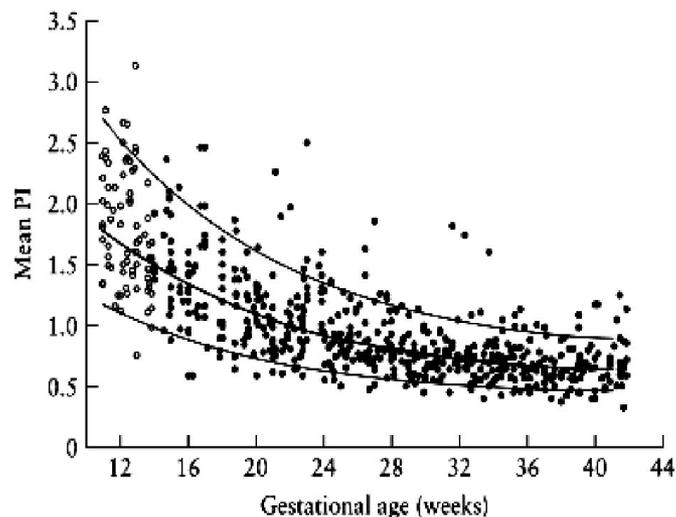


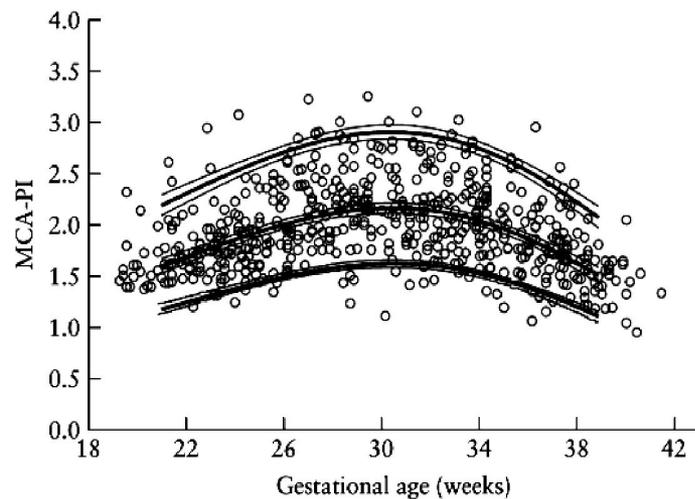
Figure 3 Scatterplot of the mean uterine artery pulsatility index (PI) measured by transvaginal (○) and transabdominal (●) ultrasound examination vs. gestational age in our population. Estimated 5th, 50th and 95th centiles are shown.

Table 2 Reference intervals for mean uterine artery pulsatility index

<i>GA (weeks)</i>	<i>5th centile</i>	<i>50th centile</i>	<i>95th centile</i>
11	1.18	1.79	2.70
12	1.11	1.68	2.53
13	1.05	1.58	2.38
14	0.99	1.49	2.24
15	0.94	1.41	2.11
16	0.89	1.33	1.99
17	0.85	1.27	1.88
18	0.81	1.20	1.79
19	0.78	1.15	1.70
20	0.74	1.10	1.61
21	0.71	1.05	1.54
22	0.69	1.00	1.47
23	0.66	0.96	1.41
24	0.64	0.93	1.35
25	0.62	0.89	1.30
26	0.60	0.86	1.25
27	0.58	0.84	1.21
28	0.56	0.81	1.17
29	0.55	0.79	1.13
30	0.54	0.77	1.10
31	0.52	0.75	1.06
32	0.51	0.73	1.04
33	0.50	0.71	1.01
34	0.50	0.70	0.99
35	0.49	0.69	0.97
36	0.48	0.68	0.95
37	0.48	0.67	0.94
38	0.47	0.66	0.92
39	0.47	0.65	0.91
40	0.47	0.65	0.90
41	0.47	0.65	0.89

Transvaginal and transabdominal ultrasound examinations were performed on pregnancies at 11–14 weeks and 15–41 weeks, respectively. GA, gestational age.

Средняя мозговая артерия



GA (weeks)	Percentile				
	2.5 th	5 th	50 th	95 th	97.5 th
21	1.12	1.18	1.60	2.19	2.33
22	1.18	1.25	1.69	2.30	2.45
23	1.24	1.32	1.78	2.41	2.56
24	1.31	1.38	1.86	2.52	2.67
25	1.36	1.44	1.94	2.62	2.78
26	1.42	1.50	2.01	2.71	2.87
27	1.46	1.55	2.06	2.78	2.95
28	1.50	1.58	2.11	2.84	3.01
29	1.53	1.61	2.15	2.88	3.05
30	1.54	1.62	2.16	2.90	3.07
31	1.54	1.62	2.16	2.90	3.07
32	1.52	1.61	2.14	2.87	3.04
33	1.49	1.58	2.10	2.82	2.98
34	1.45	1.53	2.04	2.74	2.90
35	1.39	1.47	1.96	2.64	2.80
36	1.32	1.39	1.86	2.52	2.67
37	1.23	1.30	1.75	2.38	2.52
38	1.14	1.20	1.63	2.22	2.36
39	1.04	1.10	1.49	2.05	2.18

GA, gestational age.

Средняя мозговая артерия

Table 2 Reference range of fetal middle cerebral artery peak systolic velocity (MCA-PSV) median and 1.5 multiples of the median (MoM) values during pregnancy

GA (weeks)	MCA-PSV (cm/s)	
	Median	1.5 MoM
14	19.3	28.9
15	20.2	30.3
16	21.1	31.7
17	22.1	33.2
18	23.2	34.8
19	24.3	36.5
20	25.5	38.2
21	26.7	40.0
22	27.9	41.9
23	29.3	43.9
24	30.7	46.0
25	32.1	48.2
26	33.6	50.4
27	35.2	52.8
28	36.9	55.4
29	38.7	58.0
30	40.5	60.7
31	42.4	63.6
32	44.4	66.6
33	46.5	69.8
34	48.7	73.1
35	51.1	76.6
36	53.5	80.2
37	56.0	84.0
38	58.7	88.0
39	61.5	92.2
40	64.4	96.6