

ANEXOS

ANEXO I - TABELA DE PARÂMETROS DE PERÍMETRO CEFÁLICO PARA PREMATUROS EXTREMOS (IDADE GESTACIONAL ENTRE 24 E 32: 6 SEMANAS) E PREMATUROS (IDADE GESTACIONAL ENTRE 33 E 36:6 SEMANAS) DO SEXO FEMININO

The International Very Preterm Size at Birth Reference Charts



Head circumference (cm) Girls

INTERGROWTH-21st



Gestational age (weeks+days)	z scores (Standard Deviations)						
	-3	-2	-1	0	1	2	3
24+0	17.41	18.97	20.53	22.09	23.65	25.21	26.77
24+1	17.54	19.10	20.66	22.22	23.78	25.34	26.90
24+2	17.66	19.22	20.78	22.34	23.90	25.46	27.02
24+3	17.79	19.35	20.91	22.47	24.03	25.59	27.15
24+4	17.92	19.48	21.04	22.60	24.16	25.72	27.28
24+5	18.04	19.60	21.16	22.72	24.28	25.84	27.40
24+6	18.17	19.73	21.29	22.85	24.41	25.97	27.53
25+0	18.30	19.86	21.42	22.98	24.54	26.10	27.66
25+1	18.42	19.98	21.54	23.10	24.66	26.22	27.78
25+2	18.55	20.11	21.67	23.23	24.79	26.35	27.91
25+3	18.68	20.24	21.80	23.36	24.92	26.48	28.04
25+4	18.80	20.36	21.92	23.48	25.04	26.60	28.16
25+5	18.93	20.49	22.05	23.61	25.17	26.73	28.29
25+6	19.06	20.62	22.18	23.74	25.30	26.86	28.42
26+0	19.19	20.75	22.31	23.87	25.43	26.99	28.55
26+1	19.31	20.87	22.43	23.99	25.55	27.11	28.67
26+2	19.44	21.00	22.56	24.12	25.68	27.24	28.80
26+3	19.57	21.13	22.69	24.25	25.81	27.37	28.93
26+4	19.69	21.25	22.81	24.37	25.93	27.49	29.05
26+5	19.82	21.38	22.94	24.50	26.06	27.62	29.18
26+6	19.95	21.51	23.07	24.63	26.19	27.75	29.31
27+0	20.07	21.63	23.19	24.75	26.31	27.87	29.43
27+1	20.20	21.76	23.32	24.88	26.44	28.00	29.56
27+2	20.33	21.89	23.45	25.01	26.57	28.13	29.69
27+3	20.45	22.01	23.57	25.13	26.69	28.25	29.81
27+4	20.58	22.14	23.70	25.26	26.82	28.38	29.94
27+5	20.71	22.27	23.83	25.39	26.95	28.51	30.07
27+6	20.83	22.39	23.95	25.51	27.07	28.63	30.19
28+0	20.96	22.52	24.08	25.64	27.20	28.76	30.32
28+1	21.09	22.65	24.21	25.77	27.33	28.89	30.45
28+2	21.21	22.77	24.33	25.89	27.45	29.01	30.57
28+3	21.34	22.90	24.46	26.02	27.58	29.14	30.70
28+4	21.47	23.03	24.59	26.15	27.71	29.27	30.83
28+5	21.59	23.15	24.71	26.27	27.83	29.39	30.95
28+6	21.72	23.28	24.84	26.40	27.96	29.52	31.08
29+0	21.85	23.41	24.97	26.53	28.09	29.65	31.21
29+1	21.98	23.54	25.09	26.65	28.21	29.77	31.33
29+2	22.10	23.66	25.22	26.78	28.34	29.90	31.46
29+3	22.23	23.79	25.35	26.91	28.47	30.03	31.59

The International Very Preterm Size at Birth Reference Charts



Head circumference (cm) Girls

INTERGROWTH-21st



Gestational age (weeks+days)	z scores (Standard Deviations)						
	-3	-2	-1	0	1	2	3
29+4	22.36	23.92	25.48	27.04	28.60	30.16	31.72
29+5	22.48	24.04	25.60	27.16	28.72	30.28	31.84
29+6	22.61	24.17	25.73	27.29	28.85	30.41	31.97
30+0	22.74	24.30	25.86	27.42	28.98	30.54	32.10
30+1	22.86	24.42	25.98	27.54	29.10	30.66	32.22
30+2	22.99	24.55	26.11	27.67	29.23	30.79	32.35
30+3	23.12	24.68	26.24	27.80	29.36	30.92	32.48
30+4	23.24	24.80	26.36	27.92	29.48	31.04	32.60
30+5	23.37	24.93	26.49	28.05	29.61	31.17	32.73
30+6	23.50	25.06	26.62	28.18	29.74	31.30	32.86
31+0	23.62	25.18	26.74	28.30	29.86	31.42	32.98
31+1	23.75	25.31	26.87	28.43	29.99	31.55	33.11
31+2	23.88	25.44	27.00	28.56	30.12	31.68	33.24
31+3	24.00	25.56	27.12	28.68	30.24	31.80	33.36
31+4	24.13	25.69	27.25	28.81	30.37	31.93	33.49
31+5	24.26	25.82	27.38	28.94	30.50	32.06	33.62
31+6	24.38	25.94	27.50	29.06	30.62	32.18	33.74
32+0	24.51	26.07	27.63	29.19	30.75	32.31	33.87
32+1	24.64	26.20	27.76	29.32	30.88	32.44	34.00
32+2	24.76	26.32	27.88	29.44	31.00	32.56	34.12
32+3	24.89	26.45	28.01	29.57	31.13	32.69	34.25
32+4	25.02	26.58	28.14	29.70	31.26	32.82	34.38
32+5	25.15	26.71	28.27	29.83	31.39	32.95	34.50
32+6	25.27	26.83	28.39	29.95	31.51	33.07	34.63

The International Newborn Standards



Head circumference (Girls)

INTERGROWTH-21st



Gestational age (weeks+days)	z scores						
	-3	-2	-1	0	1	2	3
33+0	26.15	27.75	29.14	30.46	31.83	33.33	35.07
33+1	26.27	27.86	29.24	30.55	31.92	33.41	35.14
33+2	26.38	27.96	29.34	30.64	32.00	33.48	35.20
33+3	26.49	28.07	29.44	30.73	32.08	33.55	35.27
33+4	26.61	28.17	29.53	30.82	32.16	33.63	35.33
33+5	26.71	28.27	29.62	30.91	32.24	33.70	35.39
33+6	26.82	28.37	29.72	30.99	32.32	33.77	35.45
34+0	26.93	28.47	29.81	31.08	32.39	33.84	35.51
34+1	27.04	28.57	29.90	31.16	32.47	33.90	35.57
34+2	27.14	28.66	29.99	31.24	32.55	33.97	35.63
34+3	27.24	28.76	30.07	31.32	32.62	34.04	35.69
34+4	27.34	28.85	30.16	31.40	32.69	34.11	35.75
34+5	27.44	28.94	30.25	31.48	32.77	34.17	35.80
34+6	27.54	29.03	30.33	31.56	32.84	34.23	35.86
35+0	27.63	29.12	30.41	31.64	32.91	34.30	35.91
35+1	27.73	29.21	30.49	31.71	32.98	34.36	35.97
35+2	27.82	29.29	30.57	31.79	33.04	34.42	36.02
35+3	27.92	29.38	30.65	31.86	33.11	34.48	36.08
35+4	28.01	29.46	30.73	31.93	33.18	34.54	36.13
35+5	28.10	29.55	30.81	32.00	33.24	34.60	36.18
35+6	28.19	29.63	30.88	32.07	33.31	34.66	36.23
36+0	28.27	29.71	30.96	32.14	33.37	34.72	36.28
36+1	28.36	29.79	31.03	32.21	33.44	34.78	36.33
36+2	28.44	29.87	31.11	32.28	33.50	34.83	36.38
36+3	28.53	29.94	31.18	32.35	33.56	34.89	36.43
36+4	28.61	30.02	31.25	32.41	33.62	34.94	36.48
36+5	28.69	30.10	31.32	32.48	33.68	35.00	36.53
36+6	28.77	30.17	31.39	32.54	33.74	35.05	36.58

ANEXO II - TABELA DE PARÂMETROS DE PERÍMETRO CEFÁLICO PARA PREMATUROS EXTREMOS (IDADE GESTACIONAL ENTRE 24 E 32: 6 SEMANAS) E PREMATUROS (IDADE GESTACIONAL ENTRE 33 E 36:6 SEMANAS) DO SEXO MASCULINO

The International Very Preterm Size at Birth Reference Charts



Head circumference (cm) Boys



Gestational age (weeks+days)	z scores (Standard Deviations)						
	-3	-2	-1	0	1	2	3
24+0	17.66	19.22	20.78	22.34	23.90	25.46	27.02
24+1	17.79	19.35	20.91	22.47	24.03	25.59	27.15
24+2	17.92	19.47	21.03	22.59	24.15	25.71	27.27
24+3	18.04	19.60	21.16	22.72	24.28	25.84	27.40
24+4	18.17	19.73	21.29	22.85	24.41	25.97	27.53
24+5	18.30	19.86	21.42	22.98	24.54	26.10	27.66
24+6	18.42	19.98	21.54	23.10	24.66	26.22	27.78
25+0	18.55	20.11	21.67	23.23	24.79	26.35	27.91
25+1	18.68	20.24	21.80	23.36	24.92	26.48	28.04
25+2	18.80	20.36	21.92	23.48	25.04	26.60	28.16
25+3	18.93	20.49	22.05	23.61	25.17	26.73	28.29
25+4	19.06	20.62	22.18	23.74	25.30	26.86	28.42
25+5	19.18	20.74	22.30	23.86	25.42	26.98	28.54
25+6	19.31	20.87	22.43	23.99	25.55	27.11	28.67
26+0	19.44	21.00	22.56	24.12	25.68	27.24	28.80
26+1	19.56	21.12	22.68	24.24	25.80	27.36	28.92
26+2	19.69	21.25	22.81	24.37	25.93	27.49	29.05
26+3	19.82	21.38	22.94	24.50	26.06	27.62	29.18
26+4	19.94	21.50	23.06	24.62	26.18	27.74	29.30
26+5	20.07	21.63	23.19	24.75	26.31	27.87	29.43
26+6	20.20	21.76	23.32	24.88	26.44	28.00	29.56
27+0	20.32	21.88	23.44	25.00	26.56	28.12	29.68
27+1	20.45	22.01	23.57	25.13	26.69	28.25	29.81
27+2	20.58	22.14	23.70	25.26	26.82	28.38	29.94
27+3	20.70	22.26	23.82	25.38	26.94	28.50	30.06
27+4	20.83	22.39	23.95	25.51	27.07	28.63	30.19
27+5	20.96	22.52	24.08	25.64	27.20	28.76	30.32
27+6	21.09	22.65	24.21	25.77	27.33	28.88	30.44
28+0	21.21	22.77	24.33	25.89	27.45	29.01	30.57
28+1	21.34	22.90	24.46	26.02	27.58	29.14	30.70
28+2	21.47	23.03	24.59	26.15	27.71	29.27	30.83
28+3	21.59	23.15	24.71	26.27	27.83	29.39	30.95
28+4	21.72	23.28	24.84	26.40	27.96	29.52	31.08
28+5	21.85	23.41	24.97	26.53	28.09	29.65	31.21
28+6	21.97	23.53	25.09	26.65	28.21	29.77	31.33
29+0	22.10	23.66	25.22	26.78	28.34	29.90	31.46
29+1	22.23	23.79	25.35	26.91	28.47	30.03	31.59
29+2	22.35	23.91	25.47	27.03	28.59	30.15	31.71
29+3	22.48	24.04	25.60	27.16	28.72	30.28	31.84

The International Very Preterm Size at Birth Reference Charts



Head circumference (cm) Boys

INTERGROWTH-21st



Gestational age (weeks+days)	z scores (Standard Deviations)						
	-3	-2	-1	0	1	2	3
29+4	22.61	24.17	25.73	27.29	28.85	30.41	31.97
29+5	22.73	24.29	25.85	27.41	28.97	30.53	32.09
29+6	22.86	24.42	25.98	27.54	29.10	30.66	32.22
30+0	22.99	24.55	26.11	27.67	29.23	30.79	32.35
30+1	23.11	24.67	26.23	27.79	29.35	30.91	32.47
30+2	23.24	24.80	26.36	27.92	29.48	31.04	32.60
30+3	23.37	24.93	26.49	28.05	29.61	31.17	32.73
30+4	23.49	25.05	26.61	28.17	29.73	31.29	32.85
30+5	23.62	25.18	26.74	28.30	29.86	31.42	32.98
30+6	23.75	25.31	26.87	28.43	29.99	31.55	33.11
31+0	23.87	25.43	26.99	28.55	30.11	31.67	33.23
31+1	24.00	25.56	27.12	28.68	30.24	31.80	33.36
31+2	24.13	25.69	27.25	28.81	30.37	31.93	33.49
31+3	24.26	25.82	27.38	28.94	30.50	32.06	33.62
31+4	24.38	25.94	27.50	29.06	30.62	32.18	33.74
31+5	24.51	26.07	27.63	29.19	30.75	32.31	33.87
31+6	24.64	26.20	27.76	29.32	30.88	32.44	34.00
32+0	24.76	26.32	27.88	29.44	31.00	32.56	34.12
32+1	24.89	26.45	28.01	29.57	31.13	32.69	34.25
32+2	25.02	26.58	28.14	29.70	31.26	32.82	34.38
32+3	25.14	26.70	28.26	29.82	31.38	32.94	34.50
32+4	25.27	26.83	28.39	29.95	31.51	33.07	34.63
32+5	25.40	26.96	28.52	30.08	31.64	33.20	34.76
32+6	25.52	27.08	28.64	30.20	31.76	33.32	34.88

The International Newborn Standards



Head circumference (Boys)

INTERGROWTH-21st



Gestational age (weeks+days)	z scores						
	-3	-2	-1	0	1	2	3
33+0	26.46	28.07	29.50	30.88	32.29	33.81	35.52
33+1	26.57	28.17	29.60	30.97	32.37	33.88	35.58
33+2	26.68	28.27	29.69	31.05	32.45	33.95	35.64
33+3	26.79	28.37	29.78	31.14	32.53	34.02	35.70
33+4	26.89	28.47	29.88	31.22	32.61	34.09	35.76
33+5	27.00	28.57	29.97	31.31	32.68	34.16	35.83
33+6	27.10	28.66	30.06	31.39	32.76	34.23	35.89
34+0	27.21	28.76	30.14	31.47	32.83	34.30	35.95
34+1	27.31	28.85	30.23	31.55	32.91	34.36	36.00
34+2	27.41	28.94	30.32	31.63	32.98	34.43	36.06
34+3	27.51	29.04	30.40	31.71	33.05	34.50	36.12
34+4	27.60	29.13	30.49	31.79	33.13	34.56	36.18
34+5	27.70	29.22	30.57	31.87	33.20	34.63	36.24
34+6	27.80	29.31	30.65	31.94	33.27	34.69	36.29
35+0	27.89	29.39	30.74	32.02	33.34	34.76	36.35
35+1	27.99	29.48	30.82	32.10	33.41	34.82	36.41
35+2	28.08	29.57	30.90	32.17	33.48	34.88	36.46
35+3	28.17	29.65	30.98	32.24	33.55	34.94	36.52
35+4	28.26	29.74	31.06	32.32	33.62	35.01	36.57
35+5	28.35	29.82	31.14	32.39	33.68	35.07	36.63
35+6	28.44	29.90	31.21	32.46	33.75	35.13	36.68
36+0	28.53	29.99	31.29	32.53	33.82	35.19	36.74
36+1	28.62	30.07	31.36	32.61	33.88	35.25	36.79
36+2	28.70	30.15	31.44	32.68	33.95	35.31	36.85
36+3	28.79	30.23	31.51	32.75	34.01	35.37	36.90
36+4	28.87	30.31	31.59	32.81	34.07	35.43	36.95
36+5	28.96	30.38	31.66	32.88	34.14	35.48	37.00
36+6	29.04	30.46	31.73	32.95	34.20	35.54	37.05

**ANEXO III - TABELA DE PARÂMETRO DE PERÍMETRO CEFÁLICO PARA
RECÉM-NASCIDOS A TERMO (IDADE GESTACIONAL ≥ 37 SEMANAS)
DO SEXO FEMININO**

Simplified field tables

Head circumference-for-age GIRLS Birth to 5 years (z-scores)						 World Health Organization		
Year: Month	Months	-3 SD	-2 SD	-1 SD	Median	1 SD	2 SD	3 SD
0: 0	0	30.3	31.5	32.7	33.9	35.1	36.2	37.4
0: 1	1	33.0	34.2	35.4	36.5	37.7	38.9	40.1
0: 2	2	34.6	35.8	37.0	38.3	39.5	40.7	41.9
0: 3	3	35.8	37.1	38.3	39.5	40.8	42.0	43.3
0: 4	4	36.8	38.1	39.3	40.6	41.8	43.1	44.4
0: 5	5	37.6	38.9	40.2	41.5	42.7	44.0	45.3
0: 6	6	38.3	39.6	40.9	42.2	43.5	44.8	46.1
0: 7	7	38.9	40.2	41.5	42.8	44.1	45.5	46.8
0: 8	8	39.4	40.7	42.0	43.4	44.7	46.0	47.4
0: 9	9	39.8	41.2	42.5	43.8	45.2	46.5	47.8
0:10	10	40.2	41.5	42.9	44.2	45.6	46.9	48.3
0:11	11	40.5	41.9	43.2	44.6	45.9	47.3	48.6
1: 0	12	40.8	42.2	43.5	44.9	46.3	47.6	49.0
1: 1	13	41.1	42.4	43.8	45.2	46.5	47.9	49.3
1: 2	14	41.3	42.7	44.1	45.4	46.8	48.2	49.5
1: 3	15	41.5	42.9	44.3	45.7	47.0	48.4	49.8
1: 4	16	41.7	43.1	44.5	45.9	47.2	48.6	50.0
1: 5	17	41.9	43.3	44.7	46.1	47.4	48.8	50.2
1: 6	18	42.1	43.5	44.9	46.2	47.6	49.0	50.4
1: 7	19	42.3	43.6	45.0	46.4	47.8	49.2	50.6
1: 8	20	42.4	43.8	45.2	46.6	48.0	49.4	50.7
1: 9	21	42.6	44.0	45.3	46.7	48.1	49.5	50.9
1:10	22	42.7	44.1	45.5	46.9	48.3	49.7	51.1
1:11	23	42.9	44.3	45.6	47.0	48.4	49.8	51.2
2: 0	24	43.0	44.4	45.8	47.2	48.6	50.0	51.4
2: 1	25	43.1	44.5	45.9	47.3	48.7	50.1	51.5
2: 2	26	43.3	44.7	46.1	47.5	48.9	50.3	51.7
2: 3	27	43.4	44.8	46.2	47.6	49.0	50.4	51.8
2: 4	28	43.5	44.9	46.3	47.7	49.1	50.5	51.9
2: 5	29	43.6	45.0	46.4	47.8	49.2	50.6	52.0

**ANEXO IV - TABELA DE PARÂMETRO DE PERÍMETRO CEFÁLICO PARA
RECÉM-NASCIDOS A TERMO (IDADE GESTACIONAL ≥ 37 SEMANAS)
DO SEXO MASCULINO**

Simplified field tables

Head circumference-for-age BOYS Birth to 5 years (z-scores)						 World Health Organization		
Year: Month	Months	-3 SD	-2 SD	-1 SD	Median	1 SD	2 SD	3 SD
0: 0	0	30.7	31.9	33.2	34.5	35.7	37.0	38.3
0: 1	1	33.8	34.9	36.1	37.3	38.4	39.6	40.8
0: 2	2	35.6	36.8	38.0	39.1	40.3	41.5	42.6
0: 3	3	37.0	38.1	39.3	40.5	41.7	42.9	44.1
0: 4	4	38.0	39.2	40.4	41.6	42.8	44.0	45.2
0: 5	5	38.9	40.1	41.4	42.6	43.8	45.0	46.2
0: 6	6	39.7	40.9	42.1	43.3	44.6	45.8	47.0
0: 7	7	40.3	41.5	42.7	44.0	45.2	46.4	47.7
0: 8	8	40.8	42.0	43.3	44.5	45.8	47.0	48.3
0: 9	9	41.2	42.5	43.7	45.0	46.3	47.5	48.8
0:10	10	41.6	42.9	44.1	45.4	46.7	47.9	49.2
0:11	11	41.9	43.2	44.5	45.8	47.0	48.3	49.6
1: 0	12	42.2	43.5	44.8	46.1	47.4	48.6	49.9
1: 1	13	42.5	43.8	45.0	46.3	47.6	48.9	50.2
1: 2	14	42.7	44.0	45.3	46.6	47.9	49.2	50.5
1: 3	15	42.9	44.2	45.5	46.8	48.1	49.4	50.7
1: 4	16	43.1	44.4	45.7	47.0	48.3	49.6	51.0
1: 5	17	43.2	44.6	45.9	47.2	48.5	49.8	51.2
1: 6	18	43.4	44.7	46.0	47.4	48.7	50.0	51.4
1: 7	19	43.5	44.9	46.2	47.5	48.9	50.2	51.5
1: 8	20	43.7	45.0	46.4	47.7	49.0	50.4	51.7
1: 9	21	43.8	45.2	46.5	47.8	49.2	50.5	51.9
1:10	22	43.9	45.3	46.6	48.0	49.3	50.7	52.0
1:11	23	44.1	45.4	46.8	48.1	49.5	50.8	52.2
2: 0	24	44.2	45.5	46.9	48.3	49.6	51.0	52.3
2: 1	25	44.3	45.6	47.0	48.4	49.7	51.1	52.5
2: 2	26	44.4	45.8	47.1	48.5	49.9	51.2	52.6
2: 3	27	44.5	45.9	47.2	48.6	50.0	51.4	52.7
2: 4	28	44.6	46.0	47.3	48.7	50.1	51.5	52.9
2: 5	29	44.7	46.1	47.4	48.8	50.2	51.6	53.0