**TABELAS DE MEDIDAS ULTRASSONOGRÁFICAS E DOPPLERVELOCIMÉTRICAS DE USO DIÁRIO DO PRIMEIRO AO TERCEIRO TRIMESTRE**

**TABELA 1: FASE EMBRIONÁRIA - CCN, BCE, DMSG E TAMANHO DA VESÍCULA VITELÍNICA.**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| IG dias | **IG sem** | **CCN, mm**  **p50 p5 p95** | | | **BCE bpm**  **p50 p5 p 95** | | | **DSG mm**  **p50 p5 p95** | | | **VVmm**  **p50 p5 p95** | | |
| 40 | **5s5d** | **2,4** | **1,1** | **4,1** | **105** | **90** | **121** | **12,9** | **8,0** | **18,9** | **3,2** | **2,4** | **4,1** |
| 41 | **5s6d** | **2,9** | **1,4** | **4,8** | **108** | **92** | **124** | **13,8** | **8,7** | **19,9** | **3,3** | **2,5** | **4,2** |
| 42 | **6s0d** | **3,4** | **1,9** | **5,5** | **111** | **95** | **127** | **14,7** | **9,4** | **21,0** | **3,4** | **2,6** | **4,3** |
| 43 | **6s1d** | **4,1** | **2,3** | **6,3** | **114** | **98** | **131** | **15,6** | **10,2** | **22,1** | **3,4** | **2,6** | **4,4** |
| 44 | **6s2d** | **4,7** | **2,8** | **7,1** | **117** | **101** | **134** | **16,5** | **10,9** | **23,2** | **3,5** | **2,7** | **4,4** |
| 45 | **6s3d** | **5,4** | **3,4** | **7,9** | **120** | **104** | **138** | **13,4** | **11,7** | **24,3** | **3,6** | **2,7** | **4,5** |
| 46 | **6s4d** | **6,1** | **3,9** | **8,8** | **124** | **107** | **141** | **18,4** | **12,5** | **25,4** | **3,6** | **2,8** | **4,6** |
| 47 | **6s5d** | **6,9** | **4,5** | **9,7** | **127** | **111** | **145** | **19,3** | **13,3** | **26,6** | **3,7** | **2,9** | **4,7** |
| 48 | **6s6d** | **7,7** | **5,2** | **10,6** | **131** | **114** | **149** | **20,3** | **14,1** | **27,7** | **3,8** | **2,9** | **4,7** |
| 49 | **7s0d** | **8,5** | **5,9** | **11,6** | **135** | **117** | **153** | **21,3** | **14,9** | **28,8** | **3,8** | **3,0** | **4,8** |
| 50 | **7s1d** | **9,4** | **6,6** | **12,6** | **138** | **121** | **157** | **22,3** | **15,7** | **30,0** | **3,9** | **3,0** | **4,9** |
| 51 | **7s2d** | **10,2** | **7,3** | **13,6** | **142** | **124** | **161** | **23,3** | **16,6** | **31,1** | **4,0** | **3,1** | **5,0** |
| 52 | **7s3d** | **11,2** | **8,1** | **14,7** | **146** | **128** | **165** | **24,3** | **17,4** | **32,3** | **4,0** | **3,1** | **5,0** |
| 53 | **7s4d** | **12,1** | **8,9** | **15,7** | **149** | **131** | **168** | **25,3** | **18,3** | **33,4** | **4,1** | **3,2** | **5,1** |
| 54 | **7s5d** | **13,0** | **9,7** | **16,8** | **153** | **134** | **172** | **26,3** | **19,1** | **34,6** | **4,2** | **3,3** | **5,2** |
| 55 | **7s6d** | **14,0** | **10,6** | **17,9** | **156** | **137** | **176** | **27,3** | **20,0** | **35,8** | **4,2** | **3,3** | **5,2** |
| 56 | **8s0d** | **15,0** | **11,4** | **19,1** | **159** | **140** | **179** | **28,3** | **20,8** | **36,9** | **4,3** | **3,4** | **5,3** |
| 57 | **8s1d** | **16,0** | **12,3** | **20,2** | **162** | **143** | **182** | **29,3** | **21,7** | **38,1** | **4,3** | **3,4** | **5,4** |
| 58 | **8s2d** | **17,1** | **13,2** | **21,4** | **165** | **146** | **185** | **30,3** | **22,6** | **39,2** | **4,4** | **3,5** | **5,4** |
| 59 | **8s3d** | **18,1** | **14,2** | **22,5** | **167** | **148** | **188** | **31,3** | **23,4** | **40,4** | **4,5** | **3,5** | **5,5** |
| 60 | **8s4d** | **19,1** | **15,1** | **23,7** | **169** | **150** | **190** | **32,3** | **24,3** | **41,5** | **4,5** | **3,6** | **5,6** |
| 61 | **8s5d** | **20,2** | **16,0** | **24,9** | **171** | **152** | **192** | **33,3** | **25,2** | **42,6** | **4,6** | **3,6** | **5,6** |
| 62 | **8s6d** | **21,3** | **17,0** | **26,1** | **173** | **153** | **193** | **34,3** | **26,0** | **43,7** | **4,6** | **3,7** | **5,7** |
| 63 | **7s0d** | **22,4** | **18,0** | **27,3** | **174** | **154** | **194** | **35,3** | **26,9** | **44,9** | **4,7** | **3,7** | **5,8** |
| 64 | **7s1d** | **23,5** | **18,9** | **28,5** | **174** | **154** | **195** | **36,3** | **27,8** | **46,0** | **4,7** | **3,8** | **5,8** |
| 65 | **7s2d** | **24,6** | **19,9** | **29,7** | **174** | **154** | **196** | **37,3** | **28,6** | **47,1** | **4,8** | **3,8** | **5,9** |
| 66 | **7s3d** | **25,7** | **20,9** | **30,9** | **174** | **154** | **195** | **38,2** | **29,5** | **48,2** | **4,8** | **3,9** | **5,9** |
| 67 | **7s4d** | **26,8** | **21,9** | **32,1** | **173** | **153** | **194** | **39,2** | **30,3** | **49,2** | **4,9** | **3,9** | **6,0** |
| 68 | **7s5d** | **27,9** | **22,9** | **33,3** | **171** | **152** | **192** | **40,2** | **31,2** | **50,03** | **4,9** | **4,0** | **6,0** |
| 69 | **7s6d** | **29,0** | **23,9** | **34,5** | **169** | **150** | **190** | **41,1** | **32,0** | **51,4** | **5,0** | **4,0** | **6,1** |
| 70 | **8s0d** | **30,1** | **24,9** | **35,7** | **167** | **147** | **187** | **42,0** | **32,8** | **52,4** | **5,0** | **4,0** | **6,2** |
| 71 | **8s1d** | **31,2** | **25,9** | **36,9** | **163** | **144** | **183** | **43,0** | **33,6** | **53,4** | **5,1** | **4,1** | **6,2** |
| 72 | **8s2d** | **32,3** | **26,9** | **38,1** | **159** | **141** | **179** | **43,9** | **34,4** | **54,4** | **5,1** | **4,1** | **6,3** |
| 73 | **8s3d** | **33,3** | **27,9** | **39,3** | **155** | **136** | **174** | **44,8** | **35,2** | **55,4** | **5,2** | **4,2** | **6,3** |
| 74 | **8s4d** | **34,4** | **28,9** | **40,4** | **150** | **131** | **169** | **45,6** | **36,0** | **56,4** | **5,2** | **4,2** | **6,4** |
| 75 | **8s5d** | **35,5** | **29,9** | **41,6** | **144** | **126** | **163** | **46,5** | **36,8** | **57,4** | **5,3** | **4,2** | **6,4** |

**IG: idade gestacional; sem: semanas; CCN: comprimento cabeça nádegas; BCE :batimentos cardíacos embrionário; DSG: diâmetro do saco gestacional; VV: vesícula vitelínica; p: percentil.**

Adaptado de: Papaioannou, George I., et al. "Normal ranges of embryonic length, embryonic heart rate, gestational sac diameter and yolk sac diameter at 6–10 weeks." *Fetal diagnosis and therapy* 28.4 (2010): 207-219.

**TABELA 2: IDADE GESTACIONAL PELO COMPRIMENTO CABEÇA NÁDEGAS EM GESTAÇÕES DE 8 a 15 SEMANAS**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |  | **Idade Gestacional (semanas)** | | | | |  |  | **Idade Gestacional (semanas)** | | | | | | **CCN** (mm) | **p3** | **p10** | **p50** | **p90** | **p97** | **CCN** (mm) | **p3** | **p10** | **p50** | **p90** | **p97** | | 15 | **7+5** | **7+6** | **8+3** | **8+6** | **9+1** | **56** | **11+1** | **11+3** | **12+1** | **12+5** | **13+0** | | 16 | **7+5** | **8+0** | **8+3** | **9+0** | **9+1** | **57** | **12+2** | **11+4** | **12+1** | **12+6** | **13+1** | | 17 | **7+6** | **8+1** | **8+4** | **9+1** | **9+2** | **58** | **11+2** | **11+4** | **12+2** | **12+6** | **13+1** | | 18 | **8+0** | **8+1** | **8+5** | **9+1** | **9+3** | **59** | **11+3** | **11+5** | **12+2** | **13+0** | **13+2** | | 19 | **8+0** | **8+2** | **8+6** | **9+2** | **9+4** | **60** | **11+3** | **11+5** | **12+3** | **13+0** | **13+2** | | 20 | **8+1** | **8+3** | **8+6** | **9+3** | **9+4** | **61** | **11+4** | **11+6** | **12+3** | **13+1** | **13+3** | | 21 | **8+2** | **8+3** | **9+0** | **9+4** | **9+5** | **62** | **11+4** | **11+6** | **12+4** | **13+1** | **13+4** | | 22 | **8+2** | **8+4** | **9+1** | **9+4** | **9+6** | **63** | **11+5** | **12+0** | **12+4** | **13+2** | **13+4** | | 23 | **8+3** | **8+5** | **9+1** | **9+5** | **10+0** | **64** | **11+5** | **12+0** | **12+5** | **13+3** | **13+5** | | 24 | **8+4** | **8+5** | **9+2** | **9+6** | **10+0** | **65** | **11+6** | **12+1** | **12+6** | **13+3** | **13+5** | | 25 | **8+4** | **8+6** | **9+3** | **9+6** | **10+1** | **66** | **11+6** | **12+1** | **12+6** | **13+4** | **13+6** | | 26 | **8+5** | **9+0** | **9+3** | **10+0** | **10+2** | **67** | **12+0** | **12+2** | **13+0** | **13+4** | **14+0** | | 27 | **8+6** | **9+1** | **9+4** | **10+1** | **10+3** | **68** | **12+0** | **12+2** | **13+0** | **13+5** | **14+0** | | 28 | **8+6** | **9+1** | **9+5** | **10+1** | **10+3** | **69** | **12+1** | **12+3** | **13+1** | **13+5** | **14+1** | | 29 | **9+0** | **9+2** | **9+5** | **10+2** | **10+4** | **70** | **12+1** | **12+3** | **13+1** | **13+6** | **14+1** | | 30 | **9+0** | **9+2** | **9+6** | **10+3** | **10+5** | **71** | **12+2** | **12+4** | **13+2** | **14+0** | **14+2** | | 31 | **9+1** | **9+3** | **10+0** | **10+3** | **10+5** | **72** | **12+2** | **12+4** | **13+2** | **14+0** | **14+2** | | 32 | **9+2** | **9+3** | **10+0** | **10+4** | **10+6** | **73** | **12+3** | **12+5** | **13+3** | **14+1** | **14+3** | | 33 | **9+2** | **9+4** | **10+1** | **10+5** | **11+0** | **74** | **12+3** | **12+5** | **13+3** | **14+1** | **14+4** | | 34 | **9+3** | **9+5** | **10+2** | **10+5** | **11+0** | **75** | **12+4** | **12+6** | **13+4** | **14+2** | **14+4** | | 35 | **9+3** | **9+5** | **10+2** | **10+6** | **11+1** | **76** | **12+4** | **13+0** | **13+4** | **14+2** | **14+5** | | 36 | **9+4** | **9+6** | **10+3** | **11+0** | **11+2** | **77** | **12+5** | **13+0** | **13+5** | **14+3** | **14+5** | | 37 | **9+5** | **9+6** | **10+3** | **11+0** | **11+2** | **78** | **12+5** | **13+1** | **13+6** | **14+4** | **14+6** | | 38 | **9+5** | **10+0** | **10+4** | **11+1** | **11+3** | **79** | **12+6** | **13+1** | **13+6** | **14+4** | **14+6** | | 39 | **9+6** | **10+1** | **10+5** | **11+2** | **11+4** | **80** | **12+6** | **13+2** | **14+0** | **14+5** | **15+0** | | 40 | **9+6** | **10+1** | **10+5** | **11+2** | **11+4** | **81** | **13+0** | **13+2** | **14+0** | **14+5** | **15+1** | | 41 | **10+0** | **10+2** | **10+6** | **11+3** | **11+5** | **82** | **13+0** | **13+3** | **14+1** | **14+6** | **15+1** | | 42 | **10+0** | **10+2** | **10+6** | **11+4** | **11+5** | **83** | **13+1** | **13+3** | **14+1** | **14+6** | **15+2** | | 43 | **10+1** | **10+3** | **11+0** | **11+4** | **11+6** | **84** | **13+1** | **13+4** | **14+2** | **15+0** | **15+2** | | 44 | **10+1** | **10+3** | **11+1** | **11+5** | **12+0** | **85** | **13+2** | **13+4** | **14+2** | **15+0** | **15+3** | | 45 | **10+2** | **10+4** | **11+1** | **11+5** | **12+0** | **86** | **13+2** | **13+5** | **14+3** | **15+1** | **15+3** | | 46 | **10+3** | **10+5** | **11+2** | **11+6** | **12+1** | **87** | **13+3** | **13+5** | **14+3** | **15+1** | **15+4** | | 47 | **10+3** | **10+5** | **11+2** | **12+0** | **12+2** | **88** | **13+3** | **13+6** | **14+4** | **15+2** | **15+4** | | 48 | **10+4** | **10+6** | **11+3** | **12+0** | **12+2** | **89** | **13+4** | **13+6** | **14+4** | **15+3** | **15+5** | | 49 | **10+4** | **10+6** | **11+4** | **12+1** | **12+3** | **90** | **13+4** | **14+0** | **14+5** | **15+3** | **15+6** | | 50 | **10+5** | **11+0** | **11+4** | **12+1** | **12+3** | **91** | **13+5** | **14+0** | **14+5** | **15+4** | **15+6** | | 51 | **10+5** | **11+0** | **11+5** | **12+2** | **12+4** | **92** | **13+5** | **14+1** | **14+6** | **15+4** | **16+0** | | 52 | **10+6** | **11+1** | **11+5** | **12+3** | **12+5** | **93** | **13+5** | **14+1** | **14+6** | **15+5** | **16+0** | | 53 | **10+6** | **11+1** | **11+6** | **12+3** | **12+5** | **94** | **13+6** | **14+1** | **15+0** | **15+5** | **16+1** | | 54 | **11+0** | **11+2** | **11+6** | **12+4** | **12+6** | **95** | **13+6** | **14+2** | **15+0** | **15+6** | **16+1** | | 55 | **11+0** | **11+3** | **12+0** | **12+4** | **12+6** |  |  |  |  |  |  | |

CCN: comprimento cabeça nádegas; p: percentil.

Fonte: Papageorghiou, Aris T., et al. “International standards for early fetal size and pregnancy dating based on ultrasound measurement of crown-rump length in the first trimester of pregnancy.” Ultrasound Obstet Gynecol. 2014 Dec;44(6):641-8. doi: 10.1002/uog.13448. Epub 2014 Nov 2. PMID: 25044000; PMCID: PMC4286014.

.

**TABELAS DE USO NO 2º-3º TRIMESTRE**

**TABELA 3 - Tabelas de Biometria fetal descritas por Hadlock**

**Tabela 11- CIRCUNFERÊNCIA CEFÁLICA- HADLOCK**

|  |  |  |  |
| --- | --- | --- | --- |
| IG (semanas) | CIRCUNFERÊNCIA CEFÁLICA | | |
| -2DP | P50 | +2DP |
| 12 | 5.1 | 7.0 | 8.9 |
| 13 | 6.5 | 8.9 | 10.3 |
| 14 | 7.9 | 9.8 | 11.7 |
| 15 | 9.2 | 11.1 | 13.0 |
| 16 | 10.5 | 12.4 | 14.3 |
| 17 | 11.8 | 13.7 | 15.6 |
| 18 | 13.1 | 15.0 | 16.9 |
| 19 | 14.4 | 16.3 | 18.2 |
| 20 | 15.6 | 17.5 | 19.4 |
| 21 | 16.8 | 18.7 | 20.6 |
| 22 | 18.0 | 19.9 | 21.8 |
| 23 | 19.1 | 21.0 | 22.9 |
| 24 | 20.2 | 22.1 | 24.0 |
| 25 | 21.3 | 23.2 | 25.1 |
| 26 | 22. 3 | 24.2 | 26.1 |
| 27 | 23.3 | 25.2 | 27.1 |
| 28 | 24.3 | 26.2 | 28.1 |
| 29 | 25.2 | 27.1 | 29.0 |
| 30 | 26.1 | 28.0 | 29.9 |
| 31 | 27.0 | 28.9 | 30.8 |
| 32 | 27.8 | 29.7 | 31.6 |
| 33 | 28.5 | 30.4 | 32.3 |
| 34 | 29.3 | 31.2 | 33.1 |
| 35 | 29.9 | 31.8 | 33.7 |
| 36 | 30.6 | 32.5 | 34.4 |
| 37 | 31.1 | 33.0 | 34.9 |
| 38 | 31.9 | 33.6 | 35.5 |
| 39 | 32.2 | 34.1 | 36.0 |
| 40 | 32.6 | 34.5 | 36.4 |

IG: Idade gestacional DP: Desvio padrão

Fonte: Hadlock FP, Deter RL, Harrist RB. Sonographic detection of abnormal fetal growth patterns. Clin Obstet Gynecol. 1984 Jun;27(2):342-51. doi: 10.1097/00003081-198406000-00009. PMID: 6378470.

**Tabela 4 - Circunferência abdominal - Hadlock**

|  |  |  |  |
| --- | --- | --- | --- |
| IG (semanas) | CIRCUNFERÊNCIA ABDOMINAL | | |
| -2DP | P50 | +2DP |
| 12 | 3.1 | 5.6 | 8.1 |
| 13 | 4.4 | 6.9 | 9.4 |
| 14 | 5.6 | 8.1 | 10.6 |
| 15 | 6.8 | 9.3 | 11.8 |
| 16 | 8.0 | 10.5 | 13.0 |
| 17 | 9.2 | 11.7 | 14.2 |
| 18 | 10.4 | 12.9 | 15.4 |
| 19 | 11.6 | 14.1 | 16.6 |
| 20 | 12.7 | 15.2 | 17.7 |
| 21 | 13.9 | 16.4 | 18.9 |
| 22 | 15.0 | 17.5 | 20.0 |
| 23 | 16.1 | 18.6 | 21.1 |
| 24 | 17.2 | 19.7 | 22.0 |
| 25 | 18.3 | 20.8 | 23.3 |
| 26 | 19.4 | 21.9 | 24.4 |
| 27 | 20.4 | 22.9 | 25.4 |
| 28 | 21.5 | 24.0 | 26.5 |
| 29 | 22.5 | 25.0 | 27.5 |
| 30 | 23.5 | 26.0 | 28.5 |
| 31 | 24.5 | 27.0 | 29.5 |
| 32 | 25.5 | 28.0 | 30.5 |
| 33 | 26.5 | 29.0 | 31.5 |
| 34 | 27.5 | 30.0 | 32.5 |
| 35 | 28.4 | 30.9 | 33.4 |
| 36 | 29.3 | 31.8 | 34.3 |
| 37 | 30.2 | 32.7 | 35.2 |
| 38 | 31,1 | 33.6 | 36.1 |
| 39 | 32.0 | 34.5 | 37.0 |
| 40 | 32.9 | 35.4 | 37.9 |

IG: Idade gestacional DP: Desvio padrão

Fonte: Hadlock FP, Deter RL, Harrist RB. Sonographic detection of abnormal fetal growth patterns. Clin Obstet Gynecol. 1984 Jun;27(2):342-51. doi: 10.1097/00003081-198406000-00009. PMID: 6378470.

**Tabela 5 - Comprimento do fémur - Hadlock**

|  |  |  |  |
| --- | --- | --- | --- |
| IG (semanas) | COMPRIMENTO DO FEMUR | | |
| -2DP | P50 | +2DP |
| 12 | 0.2 | 0.8 | 1.4 |
| 13 | 0.5 | 1.1 | 1.7 |
| 14 | 0.9 | 1.5 | 2.1 |
| 15 | 1.2 | 1.8 | 2.4 |
| 16 | 1.5 | 2.1 | 2.7 |
| 17 | 1.8 | 2.4 | 3.0 |
| 18 | 2.1 | 2.7 | 3.3 |
| 19 | 2.3 | 3.0 | 3.6 |
| 20 | 2.7 | 3.3 | 3.9 |
| 21 | 3.0 | 3.6 | 4.2 |
| 22 | 3.3 | 3.9 | 4.5 |
| 23 | 3.6 | 4.2 | 4.8 |
| 24 | 3.8 | 4.4 | 5.0 |
| 25 | 4.1 | 4.7 | 5.3 |
| 26 | 4.3 | 4.9 | 5.5 |
| 27 | 4.6 | 5.2 | 5.8 |
| 28 | 4.8 | 5.4 | 6.0 |
| 29 | 5.0 | 5.6 | 6.2 |
| 30 | 5.2 | 5.8 | 6.4 |
| 31 | 5.5 | 6.1 | 6.7 |
| 32 | 5,7 | 6.3 | 6.9 |
| 33 | 5.9 | 6.5 | 7.1 |
| 34 | 6.0 | 6.6 | 7.2 |
| 35 | 6.2 | 6.8 | 7.4 |
| 36 | 6.4 | 7.0 | 7.6 |
| 37 | 6.6 | 7.2 | 7.8 |
| 38 | 6.7 | 7.3 | 7.9 |
| 39 | 6.9 | 7.5 | 8.1 |
| 40 | 7.0 | 7.6 | 8.2 |

IG: Idade gestacional DP: Desvio padrão

Fonte: Hadlock FP, Deter RL, Harrist RB. Sonographic detection of abnormal fetal growth patterns. Clin Obstet Gynecol. 1984 Jun;27(2):342-51. doi: 10.1097/00003081-198406000-00009. PMID: 6378470.

**Tabela 6 - Parâmetros biométricos percentil 50- Hadlock**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  |  |  |  |
| IG (sem) | DBP | CC | CA | CF |
| 12 | 17 | 68 | 46 | 7 |
| 13 | 21 | 82 | 60 | 11 |
| 14 | 25 | 97 | 73 | 14 |
| 15 | 29 | 110 | 86 | 17 |
| 16 | 32 | 124 | 99 | 20 |
| 17 | 36 | 138 | 112 | 24 |
| 18 | 39 | 151 | 125 | 27 |
| 19 | 43 | 164 | 137 | 30 |
| 20 | 46 | 177 | 150 | 33 |
| 21 | 50 | 189 | 162 | 35 |
| 22 | 53 | 201 | 174 | 38 |
| 23 | 56 | 213 | 185 | 41 |
| 24 | 59 | 224 | 197 | 44 |
| 25 | 62 | 235 | 208 | 46 |
| 26 | 65 | 246 | 219 | 49 |
| 27 | 68 | 256 | 230 | 51 |
| 28 | 71 | 266 | 240 | 54 |
| 29 | 73 | 275 | 251 | 56 |
| 30 | 76 | 284 | 261 | 58 |
| 31 | 78 | 293 | 271 | 60 |
| 32 | 81 | 301 | 281 | 62 |
| 33 | 83 | 308 | 291 | 64 |
| 34 | 85 | 315 | 300 | 66 |
| 35 | 87 | 322 | 309 | 68 |
| 36 | 89 | 328 | 318 | 70 |
| 37 | 90 | 333 | 327 | 72 |
| 38 | 92 | 338 | 336 | 74 |
| 39 | 93 | 342 | 344 | 75 |
| 40 | 94 | 346 | 353 | 77 |

IG: Idade gestacional; DBP: Diâmetro biparietal; CC: Circunferencia cefálica; CA: Circunferência Abdominal; CF: Comprimento do Fêmur

Fonte:Hadlock, Frank P., et al. "Estimating fetal age: computer-assisted analysis of multiple fetal growth parameters." *Radiology* 152.2 (1984): 497-501.

**Tabela 7 - Peso fetal - Hadlock**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |
| IG (semanas) | Peso fetal (g) | | | | |
| P3 | P10 | P50 | P90 | P97 |
| 10 | 26 | 29 | 35 | 41 | 44 |
| 11 | 34 | 37 | 45 | 53 | 56 |
| 12 | 43 | 48 | 58 | 68 | 73 |
| 13 | 55 | 61 | 73 | 85 | 91 |
| 14 | 70 | 77 | 93 | 109 | 116 |
| 15 | 88 | 97 | 117 | 137 | 146 |
| 16 | 110 | 121 | 146 | 171 | 183 |
| 17 | 136 | 150 | 181 | 212 | 226 |
| 18 | 167 | 185 | 223 | 261 | 279 |
| 19 | 205 | 227 | 273 | 319 | 341 |
| 20 | 248 | 275 | 331 | 387 | 414 |
| 21 | 299 | 331 | 399 | 467 | 499 |
| 22 | 359 | 398 | 478 | 559 | 598 |
| 23 | 426 | 471 | 568 | 665 | 710 |
| 24 | 503 | 556 | 670 | 784 | 838 |
| 25 | 589 | 652 | 785 | 918 | 981 |
| 26 | 685 | 758 | 913 | 1,068 | 1,141 |
| 27 | 791 | 876 | 1,055 | 1,234 | 1,319 |
| 28 | 908 | 1,004 | 1,210 | 1,416 | 1513 |
| 29 | 1,034 | 1,145 | 1,379 | 1,613 | 1,724 |
| 30 | 1,169 | 1,294 | 1,559 | 1,824 | 1,649 |
| 31 | 1,313 | 1,453 | 1,751 | 2,049 | 2,189 |
| 32 | 1,465 | 1,621 | 1,953 | 2,285 | 2,441 |
| 33 | 1,622 | 1,794 | 2,162 | 2,53 | 2,703 |
| 34 | 1,783 | 1,973 | 2,377 | 2,781 | 2,971 |
| 35 | 1,946 | 2,154 | 2,595 | 3,036 | 3,244 |
| 36 | 2110 | 2,335 | 2,813 | 3,291 | 3516 |
| 37 | 2,271 | 2,513 | 3,028 | 3,543 | 3,785 |
| 38 | 2,427 | 2,686 | 3,236 | 3,786 | 4,045 |
| 39 | 2576 | 2,851 | 3,435 | 4,019 | 4,294 |
| 40 | 2,714 | 3,004 | 3,619 | 4,234 | 4,524 |

IG: Idade Gestacional P: percentil

Fonte: Hadlock FP, Harrist RB, Martinez-Poyer J. In utero analysis of fetal growth: a sonographic weight standard. Radiology. 1991 Oct;181(1):129-33. doi: 10.1148/radiology.181.1.1887021. PMID: 1887021.

**TABELA 8 - Diâmetro biparietal (DBP). - ESTUDO INTERGROWTH**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |
| IG (semanas) | **Diâmetro Biparietal (mm)** | | | | | | |
| p3      p5                  p10                 p50           p90                 p95        p97 | | | | | | |
| 14 | 26.3 | 26.7 | 27.4 | 29.6 | 31.8 | 32.5 | 32.9 |
| 15 | 29.1 | 29.6 | 30.2 | 32.6 | 34.9 | 35.6 | 36.0 |
| 16 | 32.0 | 32.5 | 33.2 | 35.7 | 38.1 | 38.8 | 39.3 |
| 17 | 35.0 | 35.5 | 36.2 | 38.8 | 41.4 | 42.1 | 42.6 |
| 18 | 38.0 | 38.5 | 39.3 | 42.0 | 44.7 | 45.4 | 45.9 |
| 19 | 41.1 | 41.6 | 42.4 | 45.2 | 48.0 | 48.8 | 49.3 |
| 20 | 44.1 | 44.7 | 45.5 | 48.4 | 51.4 | 52.2 | 52.8 |
| 21 | 47.2 | 47.8 | 48.6 | 51.7 | 54.8 | 55.6 | 56.2 |
| 22 | so. 3 | 50.9 | 51.8 | 55.0 | 58.1 | 59.0 | 59.6 |
| 23 | 53.4 | 54.0 | 54.9 | 58.2 | 61.5 | 62.4 | 63.0 |
| 24 | 56.4 | 57.0 | 58.0 | 61.4 | 64.8 | 65.7 | 66.4 |
| 25 | 59.4 | 60.0 | 61.0 | 64.5 | 68.0 | 69.0 | 69.7 |
| 26 | 62.3 | 63.0 | 64.0 | 67.6 | 71.2 | 72.2 | 72.9 |
| 27 | 65.2 | 65.9 | 66.9 | 70.6 | 74.3 | 75.3 | 76.0 |
| 28 | 67.9 | 68.6 | 69.7 | 73.5 | 77.3 | 78.3 | 79.0 |
| 29 | 70.6 | 71.3 | 72.4 | 76.3 | 80.1 | 81.2 | 81.9 |
| 30 | 73.1 | 73.9 | 75.0 | 78.9 | 82.8 | 84.0 | 84.7 |
| 31 | 75.5 | 76.3 | 77.4 | 81.4 | 85.4 | 86.6 | 87.3 |
| 32 | 77.8 | 78.5 | 79.7 | 83.8 | 87.8 | 89.0 | 89.8 |
| 33 | 79.8 | 80.6 | 81.8 | 85.9 | 90.1 | 91.3 | 92.0 |
| 34 | 81.7 | 82.4 | 83.7 | 87.9 | 92.2 | 93,4 | 94.1 |
| 35 | 83.3 | 84.1 | 85.3 | 89.7 | 94.0 | 95.2 | 96.0 |
| 36 | 84.7 | 85.5 | 86.8 | 91.2 | 95.7 | 96.9 | 97.7 |
| 37 | 85.9 | 86.7 | 88.0 | 92.5 | 97.1 | 98.4 | 99.2 |
| 38 | 86.7 | 87.6 | 88.9 | 93.6 | 98.3 | 99.6 | 100,5 |
| 39 | 87.3 | 88.2 | 89.6 | 94.4 | 99.2 | 100.6 | 101.5 |
| 40 | 87.5 | 88.4 | 89.9 | 94,9 | 99.9 | 101.3 | 102.3 |

IG: Idade gestacional

|  |  |  |
| --- | --- | --- |
| Fonte: Papageorghiou, Aris T., et al. "International standards for fetal growth based on serial ultrasound measurements: the Fetal Growth Longitudinal Study of the INTERGROWTH-21st Project." *The Lancet* 384.9946 (2014): 869-879. | | |
|  |  |

**Tabela 9 - Diâmetro Occipito frontal (DOF) - ESTUDO INTERGROWTH**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |
| IG (semanas) | **Diâmetro Occipito frontal (mm)** | | | | | | |
| p3            p5                  p10                 p50               p90              p95        p97 | | | | | | |
| 14 | 30,1 | 30,6 | 31.3 | 33,8 | 36,2 | 36,9 | 37,4 |
| 15 | 34.4 | 34,9 | 35.6 | 38.3 | 41 | 41.7 | 42,2 |
| 16 | 38,6 | 39,2 | 40.0 | 42.8 | 45.7 | 46.5 | 47 |
| 17 | 42,9 | 43,5 | 44.3 | 47,4 | 50,4 | 51,3 | 51.8 |
| 18 | 47,1 | 47.7 | 48.6 | 51.9 | 55,1 | 56 | 56.6 |
| 19 | 51,3 | 51.9 | 52.9 | 56.3 | 59.7 | 60,7 | 61.3 |
| 20 | 55,5 | 56.1 | 57.1 | 60,7 | 64,2 | 65,3 | 65.9 |
| 21 | 59.6 | 60,2 | 61.3 | 65 | 68.7 | 691 | 70.5 |
| 22 | 63,5 | 64,2 | 65.4 | 69,2 | 73.1 | 74.2 | 74,9 |
| 23 | 67.4 | 68.2 | 69.3 | 73.3 | 77.3 | 78.5 | 79.2 |
| 24 | 71,2 | 72.0 | 73.2 | 77.3 | 81.5 | 82.6 | 83.4 |
| 25 | 74,9 | 75.7 | 76.9 | 81,2 | 85,4 | 86,7 | 87,4 |
| 26 | 78.4 | 79.2 | 80.5 | 84,9 | 89.3 | 90.5 | 91,4 |
| 27 | 81.7 | 82.6 | 83.9 | 88,4 | 93 | 94,3 | 95,1 |
| 28 | 84,9 | 85.8 | 87.1 | 91-8 | 96.5 | 97.8 | 98,7 |
| 29 | 87.9 | 88,8 | 90.2 | 95.0 | 99,8 | 101.2 | 102,1 |
| 30 | 90,7 | 91,6 | 93.1 | 98.0 | 103 | 104,4 | 105,3 |
| 31 | 93.3 | 94.3 | 95.7 | 100,9 | 106 | 107,4 | 108,4 |
| 32 | 95.7 | 96,6 | 98.2 | 103,5 | 108,8 | 110.3 | 111.3 |
| 33 | 97,8 | 98,8 | 100.4 | 105.9 | 111,4 | 112,9 | 113,9 |
| 34 | 99,6 | 100,7 | 102.3 | 108.0 | 113.7 | 115,4 | 116.4 |
| 35 | 101.2 | 102,3 | 104.0 | 110.0 | 115,9 | 117,6 | 118,7 |
| 36 | 102.5 | 103.6 | 105.4 | 111,6 | 117,9 | 119,7 | 120,8 |
| 37 | 103.4 | 104,6 | 106.5 | 113.1 | 119.7 | 121.5 | 122.7 |
| 38 | 104.0 | 105,3 | 107.3 | 114,2 | 121,2 | 123.2 | 124,5 |
| 39 | 104,3 | 105.6 | 107.7 | 115.1 | 122,6 | 124.7 | 126 |
| 40 | 104.1 | 105.6 | 107.8 | 115,8 | 123,7 | 126 | 127,4 |

IG: Idade gestacional

Fonte: Papageorghiou, Aris T., et al. "International standards for fetal growth based on serial ultrasound measurements: the Fetal Growth Longitudinal Study of the INTERGROWTH-21st Project." *The Lancet* 384.9946 (2014): 869-879.

**Tabela 10 - Circunferência cefálica (CC) - ESTUDO INTERGROWTH**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |
| IG (semanas) | **Circunferência Cefálica  (mm)** | | | | | | |
| p3               p5                  p10                 p50                  p90                 p95         p97 | | | | | | |
| 14 | 87,4 | 88,7 | 90,7 | 97,9 | 105 | 107.1 | 108,4 |
| 15 | 99.2, | 100,6 | 102,8 | 110.4 | 118.0 | 120.1 | 121,5 |
| 16 | 111,1 | 112,6 | 114,9 | 122,9 | 130,9 | 133.2 | 134,7 |
| 17 | 123.0 | 124,6 | 127 | 135,4 | 143,9 | 146,3 | 147,8 |
| 18 | 134.9 | 136.6 | 139.1 | 147,9 | 156,7 | 159,2 | 160.9 |
| 19 | 146,8 | 148,5 | 151.1 | 160,3 | 169.5 | 172.1 | 173.8 |
| 20 | 158,5 | 160.2 | 163 | 172,5 | 182 | 184,7 | 186,5 |
| 21 | 170,1 | 171.9 | 174.7 | 184,5 | 194,3 | 197,1 | 199.0 |
| 22 | 181.4 | 183,3 | 186.2 | 196.3 | 206,4 | 209,3 | 211,2 |
| 23 | 192,6 | 194,5 | 197,5 | 207,8 | 218.2 | 221,2 | 223.1 |
| 24 | 203,5 | 205,4 | 208,5 | 219.1 | 229.7 | 232.7 | 234,7 |
| 25 | 214,1 | 216 | 219.1 | 230.0 | 240.8 | 243.9 | 245,9 |
| 26 | 224,3 | 226.3 | 229.s | 240.5 | 251.6 | 254,7 | 256,7 |
| 27 | 234.1 | 236,2 | 239.4 | 250.7 | 261,9 | 265.1 | 267.2 |
| 28 | 243,6 | 245,7 | 248.9 | 260.4 | 271.8 | 275,1 | 277.2 |
| 29 | 252,5 | 254.7 | 258 | 269,6 | 281,3 | 284,6 | 286,7 |
| 30 | 261.0 | 263.2 | 2WS | 278,4 | 290,2 | 293,6 | 295,8 |
| 31 | 268.9 | 271,1 | 274,6 | 286,6 | 298,7 | 302,1 | 304,4 |
| 32 | 276.3 | 278.5 | 282.1 | 294,4 | 306,7 | 310,2 | 312,5 |
| 33 | 283.0 | 285.3 | 288,9 | 301,5 | 314,1 | 317,7 | 320 |
| 34 | 289.1 | 291,5 | 295.2 | 308.1 | 321 | 324,7 | 327,1 |
| 35 | 294,5 | 296,9 | 300,8 | 314.1 | 327,4 | 331,2 | 333,6 |
| 36 | 2992 | 301,7 | 305,6 | 319.4 | 333.2 | 337.1 | 339.6 |
| 37 | 303.1 | 305,7 | 309,8 | 324,1 | 338,4 | 342.5 | 345,1 |
| 38 | 306,1 | 308,9 | 313.1 | 328.1 | 343 | 347,3 | 350 |
| 39 | 308,3 | 311.2 | 315.7 | 331,4 | 347,1 | 351,5 | 354,4 |
| 40 | 309,6 | 312.7 | 317,4 | 333,9 | 350,5 | 355,2 | 358,3 |

IG: Idade Gestacional

Fonte: Papageorghiou, Aris T., et al. "International standards for fetal growth based on serial ultrasound measurements: the Fetal Growth Longitudinal Study of the INTERGROWTH-21st Project." *The Lancet* 384.9946 (2014): 869-879.

**Tabela 11 – Comprimento do FEMUR (CF) - ESTUDO INTERGROWTH**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |
| IG (semanas) | **Comprimento do Femur (mm)** | | | | | | |
| p3                          p5                  p10                 p50                  p90                 p95                 p97 | | | | | | |
| 14 | 10.3 | 10.6 | 11.2 | 13.1 | 15.1 | 15,6 | 16.0 |
| 15 | 13.4 | 13.7 | 14.3 | 16.3 | 18.3 | 18.9 | 19.3 |
| 16 | 16.4 | 16.8 | 17.4 | 19.5 | 21,5 | 22.1 | 22.5 |
| 17 | 19.4 | 19.8 | 20.4 | 22.5 | 24,7 | 2S.3 | 25.7 |
| 18 | 22.3 | 22.7 | 23.4 | 25.5 | 27.7 | 28.3 | 28.7 |
| 19 | 25.2 | 25.6 | 26.2 | 28.5 | 30.7 | 31.3 | 31.7 |
| 20 | 28.0 | 28.4 | 29.0 | 31.3 | 33.6 | 34.2 | 34.6 |
| 21 | 30.6 | 31.1 | 31.7 | 34.1 | 36,4 | 37.0 | 37.5 |
| 22 | 33.3 | 33.7 | 34.4 | 36.7 | 39.1 | 39.8 | 40.2 |
| 23 | 35.8 | 36.2 | 36.9 | 39.4 | 41,8 | 42.5 | 42.9 |
| 24 | 38.3 | 38.7 | 39.4 | 41.9 | 44.4 | 45.1 | 45.5 |
| 25 | 40.6 | 41.1 | 41.8 | 44,4 | 46.9 | 47.6 | 48.1 |
| 26 | 42.9 | 43,4 | 44,1 | 46.7 | 49.3 | 50.1 | 50.5 |
| 27 | 45.1 | 45.6 | 46.4 | 49.0 | 51.7 | 52.5 | 52.9 |
| 28 | 47.3 | 47S | 48.6 | 51.3 | 54.0 | 54.8 | 55.3 |
| 29 | 49.3 | 49.8 | 50.6 | 53.4 | 56.2 | 57.0 | 57.5 |
| 30 | 51.3 | 51.8 | 52.6 | 55,5 | 58.4 | 59.2 | 59.7 |
| 31 | 53.2 | 53.7 | 54.6 | 57,5 | 60,5 | 61.3 | 61.9 |
| 32 | 55.0 | 55.5 | 56.4 | 59.4 | 62.5 | 63.4 | 63.9 |
| 33 | 56.7 | 57.3 | 58.2 | 61.3 | 64,4 | 65.3 | 65.9 |
| 34 | 58.3 | 58.9 | 59.8 | 63.1 | 66.3 | 67.2 | 67.8 |
| 35 | 59.8 | 60.5 | 61.4 | 64.8 | 68.1 | 69.1 | 69.7 |
| 36 | 61.3 | 61.9 | 62.9 | 66.4 | 69.9 | 70.9 | 71.5 |
| 37 | 62.6 | 63.3 | 64.3 | 67.9 | 71,6 | 72.6 | 73.3 |
| 38 | 63.9 | 64.6 | 65.6 | 69.4 | 73.2 | 74.3 | 75.0 |
| 39 | 65.0 | 65.8 | 66.9 | 70.8 | 74.7 | 75.9 | 76.6 |
| 40 | 66.1 | 66.8 | 68.0 | 72.1 | 76.2 | 77.4 | 78.2 |

IG: Idade gestacional

Fonte: Papageorghiou, Aris T., et al. "International standards for fetal growth based on serial ultrasound measurements: the Fetal Growth Longitudinal Study of the INTERGROWTH-21st Project." *The Lancet* 384.9946 (2014): 869-879.

**Tabela 12 – Circunferência Abdominal (CA)- ESTUDO INTERGROWTH**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |
| IG (semanas) | **Circunferência Abdominal (mm)** | | | | | | |
| p3 p5 p10 p50 p90 p95 p97 | | | | | | |
| 14 | 72.85 | 73.82 | 75.33 | 80.61 | 85.90 | 87.41 | 88.38 |
| 15 | 82.94 | 84.06 | 85.81 | 91.94 | 98.07 | 99.81 | 100.94 |
| 16 | 93.03 | 94.30 | 96.28 | 103.21 | 110.14 | 112.12 | 113.39 |
| 17 | 103.12 | 104.54 | 106.73 | 114.43 | 122.12 | 124.32 | 125.73 |
| 18 | 113.22 | 114.76 | 117.17 | 125.59 | 134.01 | 136.41 | 137.96 |
| 19 | 123.31 | 124.98 | 127.58 | 136.69 | 145.80 | 148.40 | 150.07 |
| 20 | 133.38 | 135.18 | 137.96 | 147.72 | 157.49 | 160.27 | 162.07 |
| 21 | 143.44 | 145.34 | 148.31 | 158.69 | 169.08 | 172.04 | 173.95 |
| 22 | 153.46 | 155.47 | 158.61 | 169.59 | 180.58 | 183.71 | 185.73 |
| 23 | 163.43 | 165.55 | 168.85 | 180.42 | 191.98 | 195.28 | 197.40 |
| 24 | 173.34 | 175.57 | 179.03 | 191.16 | 203.29 | 206.75 | 208.98 |
| 25 | 183.18 | 185.51 | 189.13 | 201.83 | 214.52 | 218.14 | 220.47 |
| 26 | 192.92 | 195.36 | 199.14 | 212.41 | 225.67 | 229.46 | 231.89 |
| 27 | 202.56 | 205.10 | 209.05 | 222.90 | 236.75 | 240.70 | 243.24 |
| 28 | 212.07 | 214.72 | 218.84 | 233.30 | 247.76 | 251.88 | 254.54 |
| 29 | 221.42 | 224.20 | 228.51 | 243.61 | 258.72 | 263.02 | 265.80 |
| 30 | 230.61 | 233.51 | 238.02 | 253.82 | 269.62 | 274.13 | 277.03 |
| 31 | 239.61 | 242.65 | 247.37 | 263.93 | 280.49 | 285.21 | 288.25 |
| 32 | 248.38 | 251.58 | 256.54 | 273.93 | 291.33 | 296.29 | 299.48 |
| 33 | 256.92 | 260.28 | 265.51 | 283.83 | 302.15 | 307.38 | 310.74 |
| 34 | 265.19 | 268.74 | 274.26 | 293.62 | 312.97 | 318.49 | 322.04 |
| 35 | 273.17 | 276.93 | 282.78 | 303.29 | 323.79 | 329.64 | 333.41 |
| 36 | 280.82 | 284.82 | 291.04 | 312.84 | 334.64 | 340.85 | 344.86 |
| 37 | 288.13 | 292.40 | 299.03 | 322.27 | 345.52 | 352.14 | 356.41 |
| 38 | 295.06 | 299.62 | 306.71 | 331.58 | 356.44 | 363.53 | 368.10 |
| 39 | 301.58 | 306.47 | 314.08 | 340.76 | 367.43 | 375.04 | 379.93 |
| 40 | 307.66 | 312.93 | 321.11 | 349.80 | 378.50 | 386.68 | 391.95 |

IG: Idade gestacional

Fonte: Papageorghiou, Aris T., et al. "International standards for fetal growth based on serial ultrasound measurements: the Fetal Growth Longitudinal Study of the INTERGROWTH-21st Project." *The Lancet* 384.9946 (2014): 869-879.

**Tabela 13 - PESO FETAL ESTIMADO (PF) - ESTUDO INTERGROWTH**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |
| IG (semanas) | **Peso Fetal Estimado (g)** | | | | |
| p3 p10 p50 p90 p97 | | | | |
| 22 | 463 | 481 | 525 | 578 | 607 |
| 23 | 516 | 538 | 592 | 658 | 695 |
| 24 | 575 | 602 | 669 | 751 | 796 |
| 25 | 641 | 674 | 756 | 858 | 913 |
| 26 | 716 | 757 | 856 | 980 | 1048 |
| 27 | 800 | 849 | 969 | 1119 | 1202 |
| 28 | 892 | 951 | 1097 | 1276 | 1375 |
| 29 | 994 | 1065 | 1239 | 1452 | 1569 |
| 30 | 1106 | 1190 | 1396 | 1647 | 1783 |
| 31 | 1227 | 1326 | 1568 | 1860 | 2016 |
| 32 | 1357 | 1473 | 1755 | 2089 | 2266 |
| 33 | 1495 | 1630 | 1954 | 2332 | 2529 |
| 34 | 1641 | 1795 | 2162 | 2583 | 2800 |
| 35 | 1792 | 1967 | 2378 | 2838 | 3071 |
| 36 | 1948 | 2144 | 2594 | 3089 | 3335 |
| 37 | 2106 | 2321 | 2806 | 3326 | 3582 |
| 38 | 2265 | 2495 | 3006 | 3541 | 3799 |
| 39 | 2422 | 2663 | 3186 | 3722 | 3976 |
| 40 | 2574 | 2818 | 3338 | 3858 | 4101 |

IG: Idade gestacional

**Fonte:** Stirnemann, J., et al. "International estimated fetal weight standards of the INTERGROWTH‐21st Project." *Ultrasound in Obstetrics & Gynecology* 49.4 (2017): 478-486.

**Tabela 14- Valores de normalidade para medida da espessura placentária**

|  |  |  |
| --- | --- | --- |
| Idade Gestacional (semanas) | Espessura Média p 50 (cm) | Variação (cm) |
| 16 | 1,4 | 1,0 - 1,8 |
| 17 | 1,6 | 1,2 - 2,0 |
| 18 | 1,8 | 1,4 - 2,2 |
| 19 | 2,0 | 1,6 -2,4 |
| 20 | 2,1 | 1,7 - 2,5 |
| 21 | 2,3 | 1,9 - 2,7 |
| 22 | 2,4 | 2,0 - 2,8 |
| 23 | 2,5 | 2,1 - 2,9 |
| 24 | 2,7 | 2,3 - 3,1 |
| 25 | 2,8 | 2,4 - 3,2 |
| 26 | 2,9 | 2,5 - 3,3 |
| 27 | 3,0 | 2,6- 3,4 |
| 28 | 3,1 | 2,7 - 3,5 |
| 29 | 3,1 | 2,7 - 3,5 |
| 30 | 3,4 | 2,8 - 3,6 |
| 31 | 3,3 | 2,9 - 3,7 |
| 32 | 3,4 | 3,0 - 3,8 |
| 33 | 3,5 | 3,1 - 3,9 |
| 34 | 3,6 | 3,2 - 4,0 |
| 35 | 3,6 | 3,2 - 4,0 |
| 36 | 3,6 | 3,2 - 4,0 |
| 37 | 3,7 | 3,3 - 4,1 |
| 38 | 3,7 | 3,3 - 4,1 |
| 39 | 3,7 | 3,3 - 4,1 |
| 40 | 3,8 | 3,4 - 4,2 |
| 41 | 3,8 | 3,4 - 4,2 |
| 42 | 3,8 | 3,4 - 4,2 |
| 43 | 3,8 | 3,4 - 4,2 |

P: percentil

FONTE: Bonilla-Musoles F. Diagnostico com ultrasonidos em obstetrícia y ginecologia. Valência: Ed. Lopes Mesquida, 1972.

**Doppler**

**Tabela 15. Índice de Pulsatilidade da Artéria Umbilical**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |
| IG (semanas) | **IP artéria Umbilical** | | | | | | |
| p5                      p10                  p25                 p50                  p75                 p90                 p95 | | | | | | |
| 20 | 0.955 | 1.007 | 1.102 | 1.218 | 1.346 | 1.472 | 1.553 |
| 21 | 0.939 | 0.990 | 1.083 | 1.197 | 1.322 | 1.446 | 1.526 |
| 22 | 0.922 | 0.973 | 1.064 | 1.176 | 1.299 | 1.420 | 1.499 |
| 23 | 0.906 | 0.956 | 1.045 | 1.155 | 1.276 | 1.395 | 1.472 |
| 24 | 0.889 | 0.938 | 1.026 | 1.134 | 1.253 | 1.370 | 1.446 |
| 25 | 0.871 | 0.920 | 1.006 | 1.113 | 1.230 | 1.346 | 1.420 |
| 26 | 0.854 | 0.901 | 0.987 | 1.092 | 1.207 | 1.322 | 1.395 |
| 27 | 0.836 | 0.883 | 0.967 | 1.070 | 1.185 | 1.298 | 1.371 |
| 28 | 0.818 | 0.864 | 0.948 | 1.049 | 1.162 | 1.274 | 1.346 |
| 29 | 0.800 | 0.846 | 0.928 | 1.028 | 1.140 | 1.251 | 1.322 |
| 30 | 0.782 | 0.827 | 0.908 | 1.007 | 1.118 | 1.228 | 1.299 |
| 31 | 0.763 | 0.807 | 0.888 | 0.986 | 1.096 | 1.205 | 1.275 |
| 32 | 0.744 | 0.788 | 0.868 | 0.965 | 1.074 | 1.182 | 1.252 |
| 33 | 0.725 | 0.769 | 0.847 | 0.944 | 1.052 | 1.160 | 1.229 |
| 34 | 0.706 | 0.749 | 0.827 | 0.923 | 1.030 | 1.137 | 1.207 |
| 35 | 0.687 | 0.730 | 0.807 | 0.902 | 1.009 | 1.115 | 1.184 |
| 36 | 0.668 | 0.710 | 0.787 | 0.881 | 0.987 | 1.093 | 1.162 |
| 37 | 0.649 | 0.691 | 0.766 | 0.860 | 0.966 | 1.071 | 1.140 |
| 38 | 0.630 | 0.671 | 0.746 | 0.839 | 0.944 | 1 .050 | 1.118 |
| 39 | 0.610 | 0.651 | 0.725 | 0.818 | 0.923 | 1.028 | 1.097 |
| 40 | 0.591 | 0.631 | 0.705 | 0.797 | 0.901 | 1.006 | 1.075 |
| 41 | 0.572 | 0.612 | 0.685 | 0.776 | 0.880 | 0.985 | 1.053 |

IP: Índice de Pulsatilidade; IG: Idade Gestacional; P: percentil

Fonte: Ciobanu, A., Wright, A., Syngelaki, A., Wright, D., Akolekar, R. and Nicolaides, K.H. (2019), Fetal Medicine Foundation reference ranges for umbilical artery and middle cerebral artery pulsatility index and cerebroplacental ratio. Ultrasound Obstet Gynecol, 53: 465-472. <https://doi.org/10.1002/uog.20157>

**Tabela 16. Índice de pulsatilidade da Artéria Cerebral Média**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |
| IG (semanas) | **IP artéria Cerebral Média** | | | | | | |
| P5                          p10                 p25                 p50                  p75                 p90                 p95 | | | | | | |
| 20 | 1.162 | 1.227 | 1.344 | 1.486 | 1.644 | 1.800 | 1.901 |
| 21 | 1.213 | 1.278 | 1.396 | 1.540 | 1.699 | 1.855 | 1.956 |
| 22 | 1.263 | 1.330 | 1.450 | 1.595 | 1.755 | 1.913 | 2.015 |
| 23 | 1.313 | 1.381 | 1.503 | 1.651 | 1.813 | 1.973 | 2.075 |
| 24 | 1.360 | 1.430 | 1.554 | 1.705 | 1.870 | 2.033 | 2.137 |
| 25 | 1.405 | 1.476 | 1.603 | 1.757 | 1.926 | 2.091 | 2.197 |
| 26 | 1.445 | 1.517 | 1.648 | 1.805 | 1.978 | 2.147 | 2.255 |
| 27 | 1.478 | 1.553 | 1.686 | 1.848 | 2.024 | 2.198 | 2.309 |
| 28 | 1.504 | 1.580 | 1.717 | 1.883 | 2.064 | 2.243 | 2.357 |
| 29 | 1.521 | 1.599 | 1.739 | 1.909 | 2.095 | 2.278 | 2.395 |
| 30 | 1.527 | 1.607 | 1.750 | 1.924 | 2.115 | 2.303 | 2.424 |
| 31 | 1.521 | 1.603 | 1.749 | 1.926 | 2.122 | 2.316 | 2.440 |
| 32 | 1.503 | 1.586 | 1.734 | 1.915 | 2.115 | 2.314 | 2.441 |
| 33 | 1.472 | 1.555 | 1.705 | 1.889 | 2.093 | 2.296 | 2.426 |
| 34 | 1.427 | 1.511 | 1.662 | 1.848 | 2.055 | 2.260 | 2.393 |
| 35 | 1.369 | 1.453 | 1.604 | 1.791 | 1.999 | 2.207 | 2.342 |
| 36 | 1.300 | 1.382 | 1.532 | 1.718 | 1.927 | 2.136 | 2.272 |
| 37 | 1.219 | 1.300 | 1-448 | 1.632 | 1.839 | 2.048 | 2.184 |
| 38 | 1.129 | 1.208 | 1.352 | 1.532 | 1.736 | 1.943 | 2.078 |
| 39 | 1.032 | 1.108 | 1.246 | 1.421 | 1.620 | 1.823 | 1.956 |
| 40 | 0.931 | 1.002 | 1.134 | 1.302 | 1.494 | 1.691 | 1.821 |
| 41 | 0.827 | 0.894 | 1.018 | 1.177 | 1.360 | 1.548 | 1.674 |

IP: Índice de Pulsatilidade; IG: Idade Gestacional; P: percentil

Fonte: Ciobanu, A., Wright, A., Syngelaki, A., Wright, D., Akolekar, R. and Nicolaides, K.H. (2019), Fetal Medicine Foundation reference ranges for umbilical artery and middle cerebral artery pulsatility index and cerebroplacental ratio. Ultrasound Obstet Gynecol, 53: 465-472. <https://doi.org/10.1002/uog.20157>

**Tabela 17- RELAÇÃO CÉREBRO PLACENTÁRIA (índice de pulsatilidade)**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |
| IG (semanas) | **Relação Cérebro-Placentária** (IP) | | | | | | |
| P5                          p10                  p25                 p50                  p75                 p90                 p95 | | | | | | |
| 20 | 0.872 | 0.938 | 1.059 | 1.212 | 1.388 | 1.567 | 1.567 |
| 21 | 0.934 | 1002 | 1.129 | 1.289 | 1.471 | 1.657 | 1.657 |
| 22 | 0.996 | 1068 | 1.201 | 1.367 | 1.557 | 1.750 | 1.750 |
| 23 | 1.059 | 1134 | 1.273 | 1.447 | 1.645 | 1.845 | 1.845 |
| 24 | 1.121 | 1200 | 1.345 | 1.526 | 1.732 | 1.942 | 1.942 |
| 25 | 1.181 | 1263 | 1.415 | 1.605 | 1.820 | 2.038 | 2.038 |
| 26 | 1.237 | 1324 | 1.482 | 1.680 | 1.904 | 2.132 | 2.132 |
| 27 | 1.290 | 1380 | 1.545 | 1.751 | 1.985 | 2.223 | 2.223 |
| 28 | 1.336 | 1430 | 1.602 | 1.817 | 2.061 | 2.309 | 2.309 |
| 29 | 1.375 | 1473 | 1.651 | 1.875 | 2.129 | 2.388 | 2.388 |
| 30 | 1.406 | 1507 | 1.692 | 1.924 | 2.189 | 2.457 | 2.457 |
| 31 | 1.426 | 1530 | 1.722 | 1.962 | 2.237 | 2.516 | 2.516 |
| 32 | 1.436 | 1543 | 1.740 | 1.988 | 2.272 | 2.562 | 2.562 |
| 33 | 1.434 | 1543 | 1.745 | 2.000 | 2.293 | 2.593 | 2.593 |
| 34 | 1.419 | 1531 | 1.736 | 1 997 | 2.298 | 2.607 | 2.607 |
| 35 | 1.392 | 1505 | 1.713 | 1.979 | 2.286 | 2.603 | 2.603 |
| 36 | 1.353 | 1466 | 1.676 | 1.944 | 2.256 | 2.579 | 2.579 |
| 37 | 1.301 | 1414 | 1.624 | 1.894 | 2.209 | 2.537 | 2.537 |
| 38 | 1.239 | 1350 | 1.558 | 1.827 | 2.143 | 2.474 | 2.474 |
| 39 | 1.167 | 1275 | 1.480 | 1.747 | 2.061 | 2.392 | 2.392 |
| 40 | 1.086 | 1192 | 1.391 | 1.653 | 1.963 | 2.291 | 2.291 |
| 41 | 1.000 | 1101 | 1.294 | 1.547 | 1.851 | 2.174 | 2.174 |

IP: Índice de Pulsatilidade; IG: Idade Gestacional; P: percentil

Fonte: Ciobanu, A., Wright, A., Syngelaki, A., Wright, D., Akolekar, R. and Nicolaides, K.H. (2019), Fetal Medicine Foundation reference ranges for umbilical artery and middle cerebral artery pulsatility index and cerebroplacental ratio. Ultrasound Obstet Gynecol, 53: 465-472. <https://doi.org/10.1002/uog.20157>

Tabela 18- Ducto venoso 2 trimestres

|  |  |  |  |
| --- | --- | --- | --- |
|  |  |  |  |
| IG  Semanas | **IP Ducto Venoso 2º trimestre (PIV)**  **p5                        p50                              p95** | | |
| 14 | 0.819 | 1.119 | 1.419 |
| 15 | 0.705 | 1.005 | 1.305 |
| 16 | 0.616 | 0.916 | 1.216 |
| 17 | 0.547 | 0.847 | 1.147 |
| 18 | 0.493 | 0.793 | 1.093 |
| 19 | 0.462 | 0.752 | 1.042 |
| 20 | 0.435 | 0.719 | 1.003 |
| 21 | 0.414 | 0.694 | 0.974 |
| 22 | 0.398 | 0.674 | 0.950 |
| 23 | 0.387 | 0.659 | 0.931 |
| 24 | 0.377 | 0.647 | 0.917 |
| 25 | 0.368 | 0.638 | 0.908 |
| 26 | 0.361 | 0.631 | 0.901 |
| 27 | 0.355 | 0.625 | 0.895 |
| 28 | 0.351 | 0.621 | 0.891 |
| 29 | 0.347 | 0.617 | 0.887 |
| 30 | 0.343 | 0.613 | 0.885 |
| 31 | 0.342 | 0.612 | 0.882 |
| 32 | 0.341 | 0.611 | 0.881 |
| 33 | 0.340 | 0.610 | 0.880 |
| 34 | 0.339 | 0.609 | 0.879 |
| 35 | 0.338 | 0.608 | 0.878 |
| 36 | 0.337 | 0.607 | 0.877 |
| 37 | 0.337 | 0.607 | 0.877 |
| 38 | 0.337 | 0.607 | 0.877 |
| 39 | 0.336 | 0.606 | 0.876 |
| 40 | 0.336 | 0.606 | 0.876 |

IG: Idade Gestacional; IP: Índice de Pulsatilidade; P: percentil

Fonte:Tongprasert, Fuanglada, et al. "Normal reference ranges of ductus venosus Doppler indices in the period from 14 to 40 weeks’ gestation." *Gynecologic and Obstetric Investigation* 73.1 (2012): 32-37.

**Tabela 19- Índice de pulsatilidade médio das artérias uterinas**

|  |  |  |  |
| --- | --- | --- | --- |
|  |  |  |  |
| IG  Semanas | **IP médio das artérias uterinas**  **p5                        p50                              p95** | | |
| 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 |

IG: Idade Gestacional; IP: Índice de Pulsatilidade; P: percentil

Fonte: Gómez, O., Figueras, F., Fernández, S., Bennasar, M., Martínez, J.M., Puerto, B. and Gratacós, E. (2008), Reference ranges for uterine artery mean pulsatility index at 11–41 weeks of gestation. Ultrasound Obstet Gynecol, 32: 128-132. <https://doi.org/10.1002/uog.5315>

**Tabela 20 - Pico de velocidade sistólica da artéria cerebral média**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| IG  Semanas | Pico de velocidade sistólica da ACM (cm/s)  Múltiplo da mediana  1,0 (mediana)       1,29                     1,50                     1,55 | | | |
| 18 | 23.2 | 29.9 | 34.8 | 36.0 |
| 20 | 25.5 | 32.8 | 38.2 | 39..5 |
| 22 | 27.9 | 36.0 | 41.9 | 43.3 |
| 24 | 30.7 | 39.5 | 46.0 | 47.5 |
| 26 | 33.6 | 43,3 | 50.4 | 52.1 |
| 28 | 36.9 | 47,6 | 55.4 | 57.2 |
| 30 | 40,5 | 52.2 | 60.7 | 62.8 |
| 32 | 44,4 | 57.3 | 66.6 | 68,9 |
| 34 | 48.7 | 62,9 | 73.1 | 75.6 |
| 36 | 53.5 | 69.0 | 80.2 | 82.9 |
| 38 | 58.7 | 75.7 | 88.0 | 91 |
| 40 | 64,4 | 83.0 | 96,6 | 99,8 |

IG: Idade Gestacional

Fonte: Mari, Giancarlo, et al. "Noninvasive diagnosis by Doppler ultrasonography of fetal anemia due to maternal red-cell alloimmunization." *New England Journal of Medicine* 342.1 (2000): 9-14.