Table S6 List of the proposed and existing models based on clinical and ultrasonic variables

Authors	Variables	Formulas
Our recommended models		
	FH	**Model (1):** **EFW (g) = 150.293 x FH – 1538.331**
Dewi, Mali & Kaye	FH, GA	**Model (2):** **EFW (g) = 151.19 x FH – 15.75 x GA – 959**
	FH, EHC	**Model (3):** **EFW (g) = 151.170 x FH – 2.806 x EHC – 634.288**
	FH, EAC	**Model (4):** **EFW (g) = 151.1889 x FH – 1.6339 x EAC – 996.7524**
Existing clinical models		
Johnson-Toshach (1954, 1957) [4, 5]	FH, n	**Johnson and Toshach's formula:** **EFW (g) = [FH – n] x 155** [6]. "If a pregnant woman weighs more than 91 kg, 1 cm is subtracted from the fundal height" [7].
Siswosudarmo, H (1995) cited in [8]	FH	**Risanto I Formula:** **EFW (g) = 126.7 x FH – 931.5**
Siswosudarmo, R & Titisari 2014 [9]	FH	**Risanto II Formula:** **EFW (g) = 125 x FH – 880**
Niswander, Capraro & Van Coevering (1970) cited in [10]	FH	**Niswander formula:** **EFW (g) = ((FH – 13)/3) x 453.6**
Farid & Sukarya (1999) cited in [10]	FH	**Modified Niswander formula:** **EFW (g) = (1.12 x FH – 7.7) x 100**
Mhaskar (2003) cited in [10]	FH	**Mhaskar formula:** **EFW (kg) = 0.18 x FH – 2.89**
Gayatri-Afiyanti Formula (2006) [11]	FH	**Gayatri-Afiyanti formula:** **EFW (g) = (FH – 4) x 100**
Buchmann and Tlale (2009) [12, 13]	FH	**Buchmann-Tlale Formula:** **EFW (g) = 100 x ([FH] – 5)**
Santjaka & Handayani 2011 [14]	FH	**Santjaka-Handayani Formula:** **EFW (kg) = 1.876 + 0.119 x FH**
Mongelli & Gardosi 2004 [15]	FH	**Mongelli-Gardosi Formula:** **ln EFW (g) = 10.6857 – 100.25 / FH**
Yiheyis, Alemsegned & Segni 2016 [16]	FH	**Yiheyis, Alemsegned & Segni formula:** **EFW (g) = 2600 + 155 x (FH – 30)**
Existing ultrasonic models		
Jordaan (1983)[17]	HC, AC	**Jordaan formula:** $\log_{10}$**EFW (g) = 0.9119 + 0.0488 x HC + 0.0824 x AC – 0.001599 x (AC x HC)**
Weiner II (1985) in [18]	HC, AC	**Weiner II formula:** **EFW (g) = 10^(1.6575 + 0.04035 x HC + 0.01285 x AC)**

Hadlock (1984) [19]	HC, AC	**Hadlock formula:** $\log_{10} EFW\ (g) = 1.182 + 0.0273 \times HC + 0.07057 \times AC - 0.00063 \times AC^2 - 0.0002184 \times (HC \times AC)$
Hadlock (1991) [20]	GA	**Hadlock formula:** $\log(EFW)\ (g) = 0.578 + 0.332 \times GA - 0.00354 \times GA^2$ The log function designates the natural logarithm
Stirnemann et. al (2016) [21]	HC, AC	**International EFW standard formula:** $\log(EFW)\ (g) = 5.084820 - 54.06633 \times (AC/100)^3 - 95.80076 \times (AC/100)^3 \times \log(AC/100) + 3.136370 \times (HC/100)$ The log function designates the natural logarithm.
Sotiriadis et. al (2017) [22]	GA	**Sotiriadis et. al formula:** $\log_{10} EFW\ (g) = -0.204661 + 0.173510 \times GA - 0.002016 \times GA^2$

[*]Where: EFW= estimated foetal weight, FH = fundal height (cm), HC = foetal head circumference (cm); AC = foetal abdominal circumference (cm); GA = gestational age (weeks); EHC = estimated foetal head circumference (cm); EAC = estimated foetal abdominal circumference (cm); n = 13 if vertex is **above** ischial spine, or when the station is minus or foetal head is unengaged, n = 12 if vertex is **at** ischial spine or when the station is 0, n = 11 if vertex is **below** ischial spine or when the station is plus or foetal head is engaged.

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