

Patient characteristics (Cases vs. Controls)															
Year; author	N	Age	Pre- pregnancy BMI	BMI at birth	Race (White/Black/Other)	DM	Nulliparous	Smoking	PIH	PET	Cesarean section	Gestational age at delivery	Birthweight	APGAR Score	Umbilical cord pH
Nezar et al, 2008	20/ 15	27.1/ 28.4	28.7/ 29.4	n/a	n/a	n/a	n/a	n/a	n/a	n/a	8 / 11	37.4 / 38.5	2250 / 3250	9.1 / 10	n/a
Stefaniak et al, 2022	25/ 194	31/ 30	n/a	25.7 / 28.1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	37 / 38.9	2440 / 3454	n/a	n/a
Visentin et al, 2014	37/ 70	32.70 / 32.00	23.80 / 22.1	n/a	n/a	n/a	25 / 37	n/a	n/a	n/a	23 / 32	36.75 / 38.57	2131.67 / 3178.17	n/a	n/a
Zareaan et al, 2017	40/40	27.28 / 28.05	23.04 / 23.18	n/a	n/a	n/a	n/a	0 / 0	n/a	n/a	n/a	37.10 / 37.35	2321.25 / 3219.5	n/a	n/a
Aydin et al, 2015	16/ 16	29.6 / 30.7	22.9 / 22.9	27.7 / 27.9	16/0/0 / 16/0/0	0/ 0	n/a	0/ 0	0/ 0	0/ 0	n/a	37.5 / 38.0	2384 / 3218	n/a	n/a
Catov et al, 2007	28/77	22.9 / 21.9	n/a	24.6 / 23.8	18white+other/10 black / 53white+other/24black	0 / 0	28/ 12	0/ 0	0/ 0	0/ 0	n/a	39.6 / 39.7	2489 / 3342	n/a	n/a
Ferrero et al, 2014	46/ 81	29.9 / 31.8	n/a	22.3 / 23.4	43 Spanish nationality / 79 Spanish nationality	0/ 0	n/a	18/ 16	0/ 0	0/ 0	n/a	37.3/ 39.4	2127/ 3270	n/a	Arterial pH 7.23 / 7.26 Venous pH 7.29/ 7.31
Garofoli et al, 2022	13/ 16	32/ 31	23/ 23.5	26/ 28	n/a	n/a	n/a	n/a	n/a	n/a	10 / 1	36.6 / 40.5	1770.0 / 3242.5	9/10	n/a
Jenkins et al, 2007	A)27/ 30 B)30/ 30	A)20.9/ 20.9 B)25.9/ 28.9	A)22.7/ 23.5 B)23.5/ 23.8	A)n/a B) n/a	A)27 black/0white +other/ 30 black B) 30 white/0black +other/ 30 black	n/a	n/a	n/a	n/a	n/a	n/a	A)39.6/ 39 B)38.8/ 39.4	A)2501/ 3073 B)2348/ 3560	n/a	n/a
Kyriakakou et al, 2008	20/ 20	30.8/ 31.2	n/a	22.9/21.4	n/a	10/ 9	17/ 9	5/ 0	n/a	n/a	12/ 6	265.6(days)/ 272(days)	2379/ 3160	≥8/ ≥8	n/a
Laivuori et al, 2006	20/ 18	21.7/ 21.2	22.6/ 22.7	n/a	11/9/0 / 0/18/0	0/ 0	17/ 18	14/ 8	0/ 0	0/ 0	2/ 2	39.7/ 39.8	n/a	n/a	n/a
Lepercq et al, 2002	13/ 9	31.4/ 30.7	n/a	21.7/24.3	n/a	0/ 0	n/a	n/a	0/ 0	0/ 0	n/a	35.2/ 33.5	1711/ 2351	n/a	Arterial 7.33/ 7.27
Mise et al, 2007	A)15/ 25 B)11/ 87	A)30.7/ 30.5 B)32.1/ 28.2	n/a	n/a	n/a	n/a	n/a	n/a	A)0/ 0 B)n/a	A)15/ 25 B)0/ 0	A)n/a B)n/a	n/a	n/a	n/a	n/a

Table S2. Demographic characteristics of the included patients whose leptin levels were assessed. Abbreviations: **BMI**: Body Mass Index, **DM**: Diabetes Mellitus, **PIH**: Pregnancy Induced Hypertension, **PET**: Preeclampsia, **n/a**: not applicable