

Supplementary Table 1. Participant characteristics

Characteristic	Preeclampsia (n=10)	No Preeclampsia (n=13)	P
Age (yrs)	32.4 (28.5 – 34.9)	32.0 (28.6 – 35.7)	0.88
Gravidity	2.0 (1.0 – 4.0)	1.0 (1.0 – 4.0)	0.65
Parity	0.0 (0.0 – 2.0)	0.0 (0.0 – 0.0)	0.33
Pre-pregnancy body mass index (kg/m ²)	27.6 (24.2 – 34.7)	21.4 (20.4 – 22.5)	0.01
Race/ethnicity			0.42
White/Caucasian	8 (80.0)	7 (53.9)	
Black/African American	0 (0.0)	3 (23.1)	
Asian	1 (10.0)	2 (15.4)	
Other/Unknown	1 (10.0)	1 (7.7)	
History of pregnancy-induced hypertension	3 (30.0)	0 (0.0)	0.07
Smoking			0.07
Never	7 (70.0)	13 (100.0)	
Past/quit before pregnancy	1 (10.0)	0 (0.0)	
Quit early pregnancy	2 (20.0)	0 (0.0)	
Gestational age (wks)	36.6 (33.0 – 37.4)	37.6 (34.7 – 38.7)	0.32
Blood pressure on day of echocardiogram			
Systolic blood pressure (mm Hg)	135.0 (126.0 – 148.0)	108.0 (104.0 – 116.0)	<0.001
Diastolic blood pressure (mm Hg)	84.5 (78.0 – 93.0)	65.0 (62.0 – 70.0)	0.003
24-hour urine (mg/24 hrs)	589.5 (426.5– 1372.0)	*N/A	--
Mode of delivery			0.09
Vaginal delivery	2 (20.0)	8 (61.5)	
Cesarean delivery	8 (80.0)	5 (38.5)	
Birth weight (gm)	2845 (1835– 3270)	3145 (2805 – 3590)	0.19
Gestational age at delivery (wks)	36.9 (33.1 – 37.4)	39.3 (38.1 – 40.3)	0.009

Data are presented as n (%) or median (interquartile range). *24-hour urine only available for patients with preeclampsia

Supplementary Table 2. Echocardiographic parameters and angiogenic factor levels

Characteristic	Preeclampsia (n=10)	No Preeclampsia (n=17)	*p-value
MPI	0.55 (0.39–0.71)	0.33 (0.28–0.38)	0.001
E/E'	8.1 (6.4–8.4)	5.8 (5.3–6.9)	0.09
Ejection fraction	66.5 (65.0–70.0)	65.0 (65.0–72.0)	1.0
sFlt1 (pg/mL)**	14748.5 (13132.0–39826)	6281.0 (3554.0–9096.0)	0.007
PlGF (pg/mL)**	123.5 (95.0–184.0)	330.0 (239.0–500.0)	0.004
sFlt1/PlGF ratio**	111.41 (75.2–299.4)	12.3 (7.7–48.1)	0.003

Data are presented as median (interquartile range). *p<0.05 is significant. **n=13 in the group without preeclampsia.

Supplementary Table 3. Relationship between PPCM and PE reported in the literature.

Author	Year	Site	Retro Vs Prosp	Multi Vs Single Site	Ethnicity	N	Incidence Hypertensive Disorders	Incidence Twin pregs	Echo Def. of PPCM
Saltzberg ¹	2012	USA	R	registry	43% AA	107	39% PE/GHTN	15%	Dx codes
Safirstein ²	2012	USA	R	Web registry	90% Wh	55	42% GHTN/PE	15%	EF<45
Kamiya ³	2011	Japan	R	M	Asian	102	41% HTN (NOD)	8%	EF<50
Goland ^{4,#,&}	2011	USA	R	M	25% AA	187	41% GHTN no mention PE	18%	EF<45
Goland ^{5,&}	2009	S Calif	R	M	56% Wh 29% Bl	182	43% GHTN (NOD)	15%	EF<45
Modi ⁶	2009	Louisiana	R	S	89% AA 11% Wh	44	45% HTN (NOD)	17%	EF<45
Sliwa ^{7,**}	2009	S Africa	P	S	African	80	na	na	EF<45
Duran ⁸	2007	Turkey	R+P	S	na	33	4% GHTN 6% HTN no mention PE	na	EF<45
Brar ⁹	2007	S Calif	R	M	28% AA 27% Wh 20% Hisp	60	na	na	EF<50
Amos ¹⁰	2006	N Carolina	R	S	51% AA 39% Wh	55	46% E+PE 56% HTN	na	EF<45
Sliwa ^{11,**}	2006	S Africa	P	S	African	100	HTN <i>excluded</i>	na	EF<40
Mielniczuk ¹²	2006	USA	R	d/c records	42% Wh 32% AA	16,2 96	22.5% HTN: 9.5% PE 3% PE+HTN 1% E .6% HTN 7% HTN NOS	na	Dx codes
Fett ¹³	2005	Haiti	P	S	African	98	4% PE 15% HTN NOD	na	EF<45
Elkayam ^{14,*}	2005	USA	R	M	67% Wh 19% AA	123	43% HTN: 15% PE 15% PE+HTN 7% GHTN 3% E 3% HTN	13%	EF<45
Chapa ¹⁵	2005	Illinois	R	S	22% Wh 78% AA	32	16% PE (severe PE excluded)	13%	EF<30
Felker ¹⁶	2000	Maryland	R	S	52% Wh 46% AA	42	43% HTN: 26% GHTN 17% HTN	12%	Not stated
Witlin ¹⁷	1996	Tennessee	P	S	75% AA	28	68% HTN: 25% PE 43% HTN	na	"dilated"
Demakis ¹⁸	1971	Illinois	P	S	93% AA	27	22% PE	7%	"CHF"

PPCM: Peripartum Cardiomyopathy

PE: Preeclampsia

E: Eclampsia

HTN: Hypertension

GHTN: Gestational Hypertension

NOD: Not otherwise defined

AA: African american

Wh: White

Hisp: Hispanic

Na: not available

d/c: discharge

dx: diagnosis

*, ** Different patient populations

Combination of populations from Modi et al (2009), Elkayam et al (2005), Goland (2009), and Safirstein et al (2012)

& Likely the same patient population

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