

APPENDICES

Appendix 1:

Data collection sheet hypertensive maternal

[illegible]

Appendix 2:

Data collection sheet normal maternal

[illegible]

Appendix 3:

MATERNAL MOTHER DATA SHEET

Maternal lady		Fetus						
NAME		GA	MCA PI	MCA RI	MCA DIA(mm)	UA PI	MCAPI/UAPI	EFW
ID								
AGE								
WEIGHT								
LAST READING BP								

Appendix 4:

موافقة المبحوث

انا

بعد أن تم شرح ما سوف يقوم به الباحث اوافق أن أكون من ضمن الأفراد المشاركين في هذا البحث خدمة للعلم والوطن موافقة تامة وأعطي الباحث الوقت الكافي لعمل الكشف الطبي بالموجات الصوتية بعد ان علمت من المختصين في هذا الشأن بأنه وسيلة آمنة لتشخيص أمراض الاجنة.

الأسم/

التوقيع على ذلك

البصمة في حالة الأمي

التاريخ / /

Patient agreement

I am

.....

After the explanation the researcher offered for me, I agreed to be a part of the research participants and give him the enough time to examine me by ultrasound as they told me it is safe imaging procedure in diagnosing the fetus growth and the pathology.

DATE /.... /.....

Sign.....

Appendix 5:

THE QUESTIONNAIRE

NAME:

NATIONALITY: AGE

HAVING HYPERTENSION: YES ☐ NO ☐

IF YES / TYPE OF HTN:

PERIOD OF THE DISEASE:

LAST THREE READINGS: 1-BP -----, 2- BP -----, 3- BP-----

THE RESULTS OF PROTEIN IN URINE:

.....

.....

REFERRED DIAGNOSIS:

.....

.....

.....

Appendix 6: Table 1 Baseline characteristics of the study population (n=)

Parameter		Measure	
		control group (n=)	target group (n=)
Maternal	Age (median, range)		
	Chronic HT (%)		
	Gestational HT (%)		
	Proteinuria (%)		
Fetal	Gestational age (median, range)		
	fetal weight (median, range)		
	Middle cerebral arterial PI (mean $\pm$ SD)		
	Umbilical arterial PI (mean $\pm$ SD)		
	Cerebroplacental ratio (mean $\pm$ SD)		
	Middle cerebral arterial diameter (mean $\pm$ SD)		
	<10% percentile (%)		
	>10% percentile (%)		

Appendix 7: Table 2 Age distribution of pregnant women in study population

age group	control		target	
	total	%	total	%
<25				
25-35				
>35				

Appendix 8:

Table3 Types of maternal hypertension in (target group)

types of HTN	total	percentage
chronic		
gestational		
total		

Appendix 9:

Table 4 Ultrasonic data collection of fetus weight & centile in study population

GA	control	target
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	EFW	centile%	EFW	centile%	EFW discordance %
24-26					
27-29					
30-32					
33-35					
36-38					
39-41					
Mean					

Appendix 10:

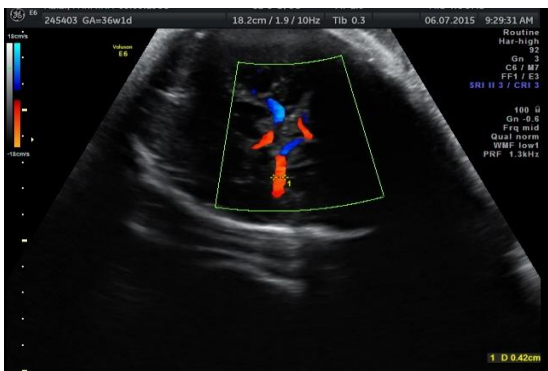
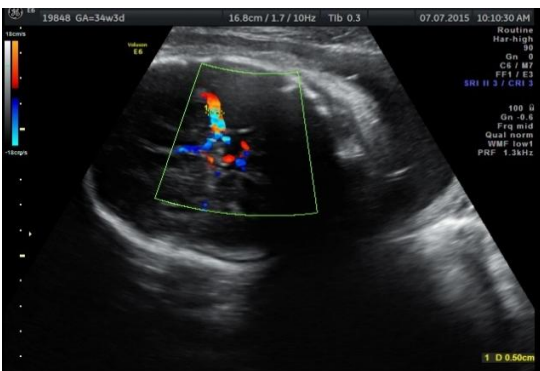
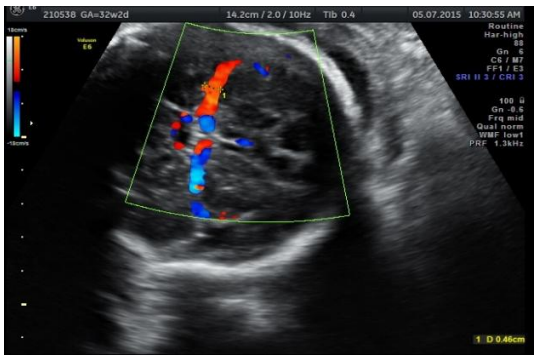
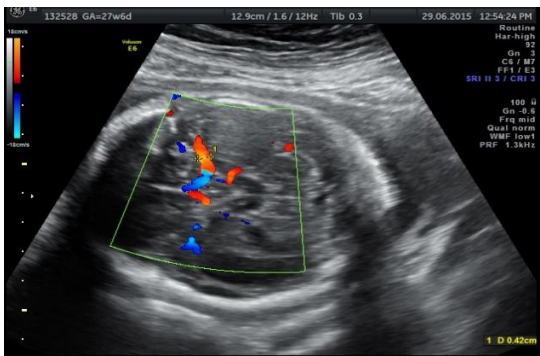
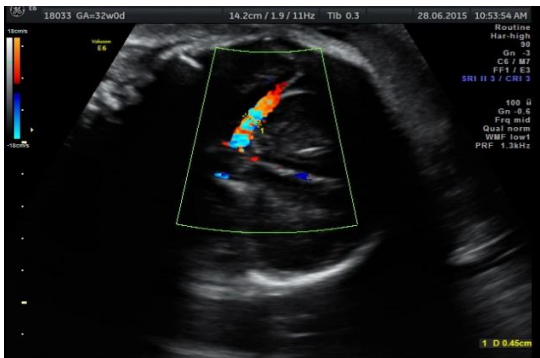
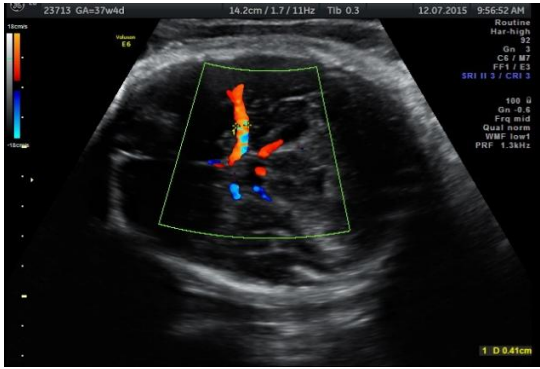
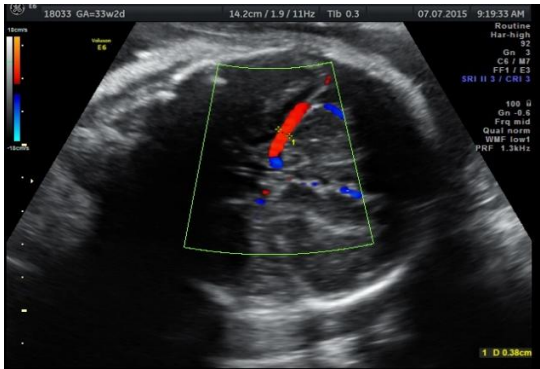
Table 5 Fetuses measurement of MCAP, Diameter and CPR in study population

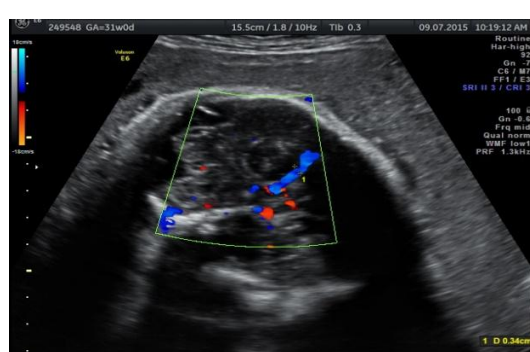
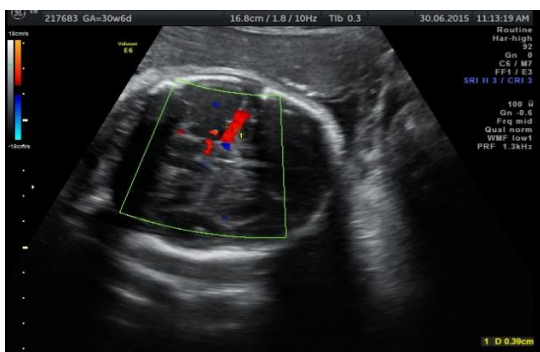
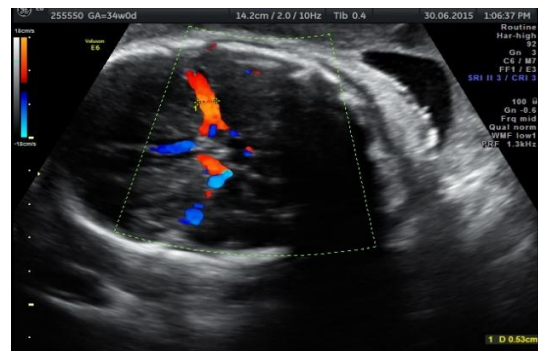
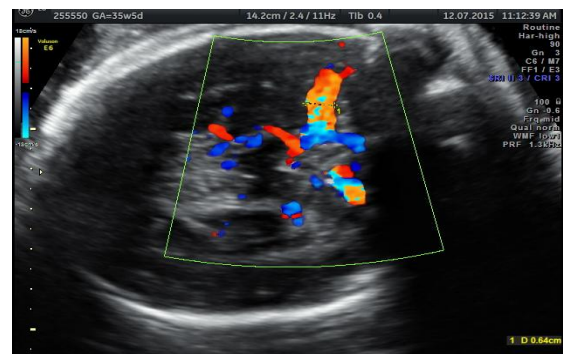
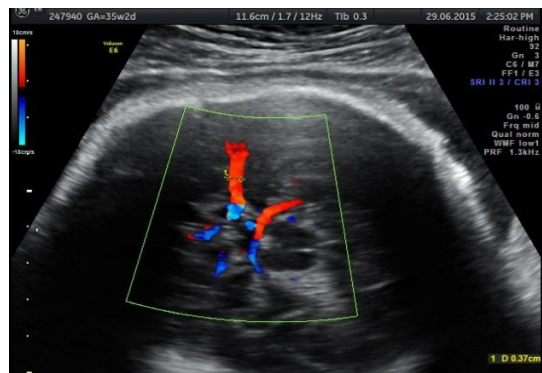
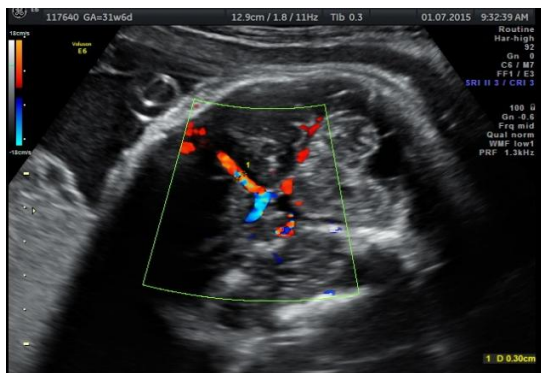
GA	control			target		
	PI	Width	CP Ratio	PI	Width	CP Ratio
24-26						
27-29						
30-32						
33-35						
36-38						
39-41						
Mean						

Appendix 11: Table 6 Mean target/control fetus ratio of MCA PI and MCA diameter

GA	control		target		Ratio	
	PI	Width	PI	Width	PI	Width
24-26						
27-29						
30-32						
33-35						
36-38						
39-41						
Mean						

Appendix 12: Non HTN





Appendix 13: HTN

