## **APPENDIX**



Image (1) shows fetal biometry by using femur length (FL) and bi parietal diameter (BPD), GA=33wks+3dayes

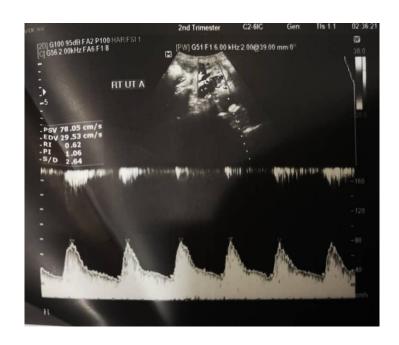


Image (2) shows CDUS and spectral Doppler of RUA indices (RI=0.62& PI=1.06) in  $2^{nd}$  trimester of GA.



Image (3) shows normal (RI=0.72& PI=1.54) of CDUS and Spectral Doppler of early 2<sup>nd</sup> trimester (13 wks) with normal wave forms.

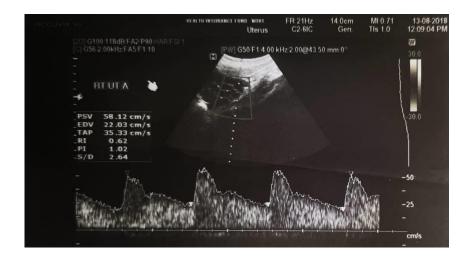


Image (4) shows normal RI=0.62& PI=1.02 of 2<sup>nd</sup> trimester GA.

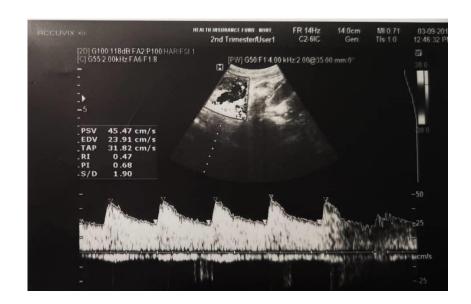


Image (5) shows normal 3<sup>rd</sup> trimester UA indices.

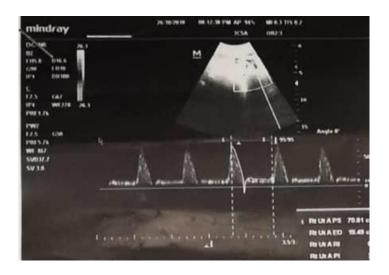


Image (6) shows high RI=0.75, high PI=2.04, early Diastolic notch in maternal 24 weeks (feature of Preeclampsia).



Image (7) shows abnormal UA indices in maternal of 3<sup>rd</sup> trimester of GA



Image (8) shows GA=25wks, with normal uterine indices (RI=0NG.62&PI= 1.02, without notch