# CONCLUSION

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In this study it was found that the fetal kidney length was not affected by the maternal age and gravida for the purpose of estimation of gestational age.

The fetal kidney length may be used as another biometric parameter as good as other conventionally used biometric parameters like BPD, HC, AC and FL for the assessment of gestational age.

It was found that the fetal kidney length (mm) approximates closely with the gestational age (weeks) with advancement of pregnancy.

The fetal kidney length in millimeter (mm) was strongly correlated with the calculated standardised gestational age in weeks.

There was no significant difference in the fetal kidney length measurement whether the right kidney or the left kidney was measured for the purpose of assessment of gestational age.

As the fetal kidney length (mm) was strongly correlated with the calculated standardised gestational age in weeks, it can be used as a very useful fetal biometric parameter for assessment of gestational age, particularly when LMP was uncertain, no previous biometrically assessed fetal maturity was available or when the measurement of other conventional fetal biometric parameters were difficult for accurate assessment of gestational age.