

Review of: "Non-Invasive Prenatal Testing (NIPT) for Aneuploidy in a Setting with a High Consanguineous Rate – A Retrospective Cohort Review of 1,153 Cases"

Holly Exeter

Potential competing interests: No potential competing interests to declare.

Thank you to the authors for the opportunity to look at this manuscript. The topic is interesting and relatively novel. It is an important topic to have more information on, especially in particular regions where the consanguinity rate is high.

It would be great to have some more explanation as to the degrees of consanguinity within the tested populations. If the degrees differ, does this affect the results?

Some more information regarding the type of pregnancy would be interesting. Were all the pregnancies natural conception or were there patients who had undergone fertility treatment? If assisted reproduction was utilised, is there confirmation of no prior PGT-A testing on the embryos prior to transfer?

Some further discussion around the types of NIPT brands used and how the differing brands may or may not impact the outcomes would be helpful too.