CONCLUSION

There is a significant bias between SCSA and TUNEL assay possibly due to the differences in these tests. The bias between ovo labo and Eylau lab is negligible. This correlation and comparison allows us to validate the results obtained with our assay and to be able to determine the appropriate process in handling sperm samples. After a complete liquefaction, samples were freshly fixed with 2% PFA and conserved at -20°C for a limit of 2 weeks. The purpose of this study was to propose the test to our patient having fertility problem. The cut off point is 16.8% set out by Sharma R et al., 2016 [7]. The high specificity of the TUNEL assay will be useful in correctly identifying infertile patients. This protocol is currently used in our laboratory to help patients who are having fertility problems.

REFERENCES