

Data Sharing Statement

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| Article Info | http://dx.doi.org/10.21037/tau-20-1004. | |
| Item | Question | Authors' Response (place "-" if not applicable) |
| 1 | Would you like to share data collected for your study to others? | Yes |
| 2 | If not, would you like to share the reason for your decision? | - |
| 3 | What data in particular will be shared? | The results from semen analysis and TUNEL assay will be shared, and the main findings of this study were no statistically differences in the percentage of normal spermatozoa with progressive motility and DNA integrity recovered after thawing of cryopreserved sperm in ANTIOX-PC compared to TYB medium. |
| 4 | Any other documents will be share? Such as study protocol, statistical analysis plan, informed consent form, clinical study report, analytic code. | Documentation of approval by the ethics committees and informed consent form will be shared if requested. |
| 5 | When will data availability begin? | From the publication date. |
| 6 | When will data availability end? | No stipulated deadline. |
| 7 | To whom will you share the data? | Medical doctors, embryologists and researchers involved in assisted reproduction techniques and andrology. |
| 8 | For what type of analysis or purpose? | For analysis to evaluate the effectiveness of ANTIOX-PC medium to protect human sperm during a freeze-thaw cycle compared to the TYB medium. |
| 9 | How or where can the data/documents be obtained? | Emails could be sent to the address below to obtain the shared data: romareis@fmrp.usp.br |

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| 10 | Any other restrictions? | We may balance the potential benefits and risks for each request and then provide the data that could be shared. |
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