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| FOR SC USE ONLY | |
| Concept No: |  |

**Testicular Cancer Association Consortium (TECAC)**

**Analysis Concept Form**

Please provide the following information on the analyses you wish to perform, and then *e-mail the completed form to Benita Weathers at* [weathers@upenn.edu](mailto:weathers@upenn.edu). This form will be reviewed by the Steering Committee. The role of the Steering Committee is to identify scientific overlaps, suggest potential merges of concepts, and organize proposals so that a finalized version can be presented to TECAC Principal Investigators. To provide maximal autonomy over one’s own data, a Principal Investigator may decide to ‘opt out’ of a specific analysis, although our experience in other consortia indicates that this is rare (and in opposition to the spirit of collaborative research). After review by the Steering Committee and approval by the Governing Council, concept forms will be placed on the website so that all members of TECAC are aware of the proposed analysis.

*The Contact Investigator of an approved Concept will be given password protected access to an analytic dataset containing requested genotype and phenotype data elements.* *All efforts will be made to provide the requested software (see below), but not all software may be available. Please.*

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| **Date:** |  |

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| **Title of Proposed Project:** |  |

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| **Is this an amendment?** | Yes  No | If yes, provide a brief explanation of the purpose of the amendment: |

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| **Contact Investigator:** |  |
| **Institution:** |  |
| **Contact e-mail:** |  |
| **Members of the Writing Group and Corresponding Institutions with contact e-mails:** |  |
| **Concept Description:** *Please provide a concise description of Background/Aims.* | |
| **Analysis Plans and Methods:** *Please provide a detailed description of the proposed statistical analyses.* | |

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| **Primary Endpoint** *(please check box)***:** | | |
| Testicular cancer risk |  |  |
| Subtype of testicular cancer |  | Specify subtype (e.g. history, UDT +/-): seminoma/non seminoma, UDT, fatherhood |
| Parent of origin effect |  |  |
| Maternal effect |  |  |
| Other (e.g. response to chemotherapy) |  | Specify: |

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| **Type of Genotype Data Requested** *(check all that apply)***:** | | |
| GWAS summary data |  |  |
| GWAS post/QC observed data |  |  |
| GWAS post/QC imputed data |  |  |
| GWAS raw observed |  |  |
| Replication summary |  |  |
| Replication post/QC observed data |  |  |
| Replication post/QC imputed (GWAS backbone) data |  |  |
| Replication raw observed |  |  |
| Data from subset of studies |  | Specify: data from studies with more fertility data |
| Other |  | Specify: |

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| **Genotype Data Requested:**  Attach a specific list of SNPs (if short) **or** provide sufficient information that defines the genes and SNPs (e.g. those proposed by your group, those in a specific chromosomal interval). Examples of reasons to do this – Analysis of the replication data for the SNPs that you proposed. |

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| **Phenotype Data Requested:**  The list of phenotypic data requested from sites is on the TECAC website. **Note:** Core data (variables 1-5) will be included in all analytic datasets. |

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| **Additional data requested:** |

**ADDITIONAL INFORMATION**

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| **Software Requirements:** Please list all software (e.g. R, PLINK) that will be required to complete the analyses listed in the Analysis Plan and Methods section above. Be specific about the software that will be needed for each part of your analytic plan. Please note that all analyses MUST be completed on the secured server at Penn. |

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| **Budgetary considerations, if applicable:** |

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| **Timeline for the analysis and writing:** |

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| **Any other considerations you would like the Steering Committee to be aware of:** |

*\* Information about variables in the TECAC dataset and data dictionary may be found on the website (*[*http://www.tecac.org)*](http://www.tecac.org))*within the member section.*

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| **References:** |