Scoring Rubric: RDCRN Certificate Participants

Title:
Presenter:

1. Appropriate Power Calculation identified and used for the project.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Not applicable | 1 | 2 | 3 | 4 | 5 |
| (should be justified by project presenter) | Did not show a clear understanding of the resource use in the study | Used resource inappropriately for study | Used appropriately but not to its full capacity | Fully used this resource but unclear if this strengthened study. | Fully used this resource to further strengthen study  |

Comments:

1. Appropriate use of statistics to analyze the data presented.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Not applicable | 1 | 2 | 3 | 4 | 5 |
| (should be justified by project presenter) | Did not show a clear understanding of the resource use in the study | Used resource inappropriately for study | Used appropriately but not to its full capacity | Fully used this resource but unclear if this strengthened study. | Fully used this resource to further strengthen study  |

Comments:

1. The study design type was appropriate to answer the research question.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Not applicable | 1 | 2 | 3 | 4 | 5 |
| (should be justified by project presenter) | Did not show a clear understanding of the resource use in the study | Used resource inappropriately for study | Used appropriately but not to its full capacity | Fully used this resource but unclear if this strengthened study. | Fully used this resource to further strengthen study  |

Comments:

1. The study cohort was appropriate to answer the research question.

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| --- | --- | --- | --- | --- | --- |
| Not applicable | 1 | 2 | 3 | 4 | 5 |
| (should be justified by project presenter) | Did not show a clear understanding of the resource use in the study | Used resource inappropriately for study | Used appropriately but not to its full capacity | Fully used this resource but unclear if this strengthened study. | Fully used this resource to further strengthen study  |

Comments:

1. Outcome measures were appropriate for the study cohort.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Not applicable | 1 | 2 | 3 | 4 | 5 |
| (should be justified by project presenter) | Did not show a clear understanding of the resource use in the study | Used resource inappropriately for study | Used appropriately but not to its full capacity | Fully used this resource but unclear if this strengthened study. | Fully used this resource to further strengthen study  |

Comments:

1. Outcome measures were appropriate for the research question(s) being asked.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Not applicable | 1 | 2 | 3 | 4 | 5 |
| (should be justified by project presenter) | Did not show a clear understanding of the resource use in the study | Used resource inappropriately for study | Used appropriately but not to its full capacity | Fully used this resource but unclear if this strengthened study. | Fully used this resource to further strengthen study  |

Comments:

1. A clear understanding of the role of ethics and human protection in clinical research is expressed.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Not applicable | 1 | 2 | 3 | 4 | 5 |
| (should be justified by project presenter) | Did not show a clear understanding of the resource use in the study | Used resource inappropriately for study | Used appropriately but not to its full capacity | Fully used this resource but unclear if this strengthened study. | Fully used this resource to further strengthen study  |

Comments:

1. Appropriate use of study methods was performed. This includes the use of genetic and genomic information and its analysis.

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| --- | --- | --- | --- | --- | --- |
| Not applicable | 1 | 2 | 3 | 4 | 5 |
| (should be justified by project presenter) | Did not show a clear understanding of the resource use in the study | Used resource inappropriately for study | Used appropriately but not to its full capacity | Fully used this resource but unclear if this strengthened study. | Fully used this resource to further strengthen study  |

Comments:

1. The project will further advance the care or treatment of patients or families with rare diseases.

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| --- | --- | --- | --- | --- | --- |
| Not applicable | 1 | 2 | 3 | 4 | 5 |
| (should be justified by project presenter) | Did not show a clear understanding of the resource use in the study | Used resource inappropriately for study | Used appropriately but not to its full capacity | Fully used this resource but unclear if this strengthened study. | Fully used this resource to further strengthen study  |

Comments:

1. Patient or family organizations are utilized in designing, performing, and/or analyzing the research presented.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Not applicable | 1 | 2 | 3 | 4 | 5 |
| (should be justified by project presenter) | Did not show a clear understanding of the resource use in the study | Used resource inappropriately for study | Used appropriately but not to its full capacity | Fully used this resource but unclear if this strengthened study. | Fully used this resource to further strengthen study  |

Comments:

1. The research presented will have an impact on the research field.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 0 | 1 | 2 | 3 | 4 | 5 |
| No impact on field of study | Minimal impact on the patient population | Limited impact on the patient population | Substantial impact to a a sub-population of the population being studied | High impact to the patient population being studied | Extremely useful research to both the patient population and rare disease research overall |

Comments:

1. The research presented is novel in its findings, design or application to the patient population.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 0 | 1 | 2 | 3 | 4 | 5 |
| No novel aspect to this study | Minimal  | Study  | Study is novel in one area (Design, Findings, Application) | Study is novel in at two areas (Design, Findings, Application) | Study is novel in its Design, Findings, and Application |

Comments: