Critical Asthma Mortality and Morbidity Planning Study
(The CAMMP Study)
Overview of Public Use Datasets

This document provides an overview of the general principles used in creating the public use datasets for the *Eunice Kennedy Shriver* National Institute for Child Health and Human Development Collaborative Pediatric Critical Care Research Network (CPCCRN) CAMMP Study. There are a total of 11 datasets available as both CSV and SAS® v.7 (.SAS7BDAT) files (with formats and labels). Accompanying documentation and resources provided include the study protocol, the annotated CRF, and, for each dataset, a PDF document summarizing variables in the associated dataset (i.e., frequency distributions or descriptive statistics). For SAS® users, an example script to set up the SAS® library and apply SAS® formats is also provided. The annotated CRF should be referenced frequently during analysis as this is the most complete reference of all variables included in each dataset. Please see the attached Research Data Use Agreement (RDUA) for a description of intended use and disclaimer.

GENERAL PRINCIPLES FOR CREATION OF DATASET

1. The population for the public use dataset is all eligible patients. Screening information is not included. See the protocol for a detailed list of inclusion/exclusion criteria and for additional details of study conduct.

2. The datasets are primarily based on raw data as collected by the clinical sites. In addition, key analysis variables relating to the primary and secondary outcomes are included. All variables are described in the annotated CRF.

3. Sensitive or identifying information has been removed throughout the dataset as follows:
    - Dates have been recoded to reflect the number of calendar days from PICU admission.
    - Limited open text fields are included. When included, these fields were reviewed in detail and any sensitive or identifying information was removed.
    - We have suppressed any values with a count < 5 that may have sensitive or identifying information. Notes to this effect are included on the annotated CRF. For example, the question "*Does patient have a known history of any drug or alcohol abuse*" was omitted.

4. If variables were collected in multiple locations within the CRF, the public use dataset only includes the final data source utilized for study analyses. In addition, variables collected for study purposes only, that would not be relevant to clinical research, are not included. Variables not included in the public use dataset do not appear on the annotated CRF or are identified as *value not provided*.

5. Many of the available datasets include only one record per patient (unique identifier *subjectID*). Other datasets are relational, that is, may have more than one record per patient. The

annotated CRF provides information as to the structure of each dataset and the unique identifier for each record.

6. The unique identifier *RepeatID* indicates a second record for a patient previously recorded in the dataset. It was possible for a subject to be enrolled in this study twice and the purpose of the repeat ID is to link the information to the original subject ID. For example, if *RepeatID* is 178-1 for a subject, this indicates that this is the same subject as the subject with a *subjectID* of 178. This scenario applies to 5 subjects.

7. An additional date variable was created for the subjects with a repeat ID. *DaysToRepeat* gives the days between admissions for the 5 subjects that were enrolled in this study twice.

8. Two subjects were excluded from the public use dataset because they were chronically ventilated.

LIST OF PUBLIC USE DATASETS AVAILABLE

- Demographics
- Medical History
- Medical History – Asthma Medications or Therapies
- Medical History – Active Medical Conditions
- Clinical Course
- Therapies & Interventions Prior to Intubation
- Therapies & Interventions During Mechanical Ventilation
- Therapies & Interventions During Inhalational Anesthesia
- Therapies & Interventions During ECMO
- Therapies & Interventions After Extubation
- Death Information