**Background:**

*Provide a brief description of the project, relevance, and implementation within the CLIF consortium*

**Methods:**

Study Design: *Describe the methodology adopted. Example: A multi-center federated retrospective observational study*

Study period: *Example: Study period [pre-covid=2018-2019], [covid = 2020-2021], [‘less’ COVID = 2022-2023]*

Data Sources: *Describe data sources for model development and validation. Example: CLIF consortium registries, including 8 health systems and 33 hospitals.*

**Cohort Definition:**

* Inclusion Criteria: *Describe cohort inclusion criteria.*
* Exclusion Criteria: *Describe cohort exclusion criteria.*

**Outcomes:** *Describe study outcomes.*

* Primary Outcome:
* Secondary Outcomes:

**Required CLIF Tables and Variables:** *Provide a list of tables and variables from each table required for this project. If any required variables are not present in the CLIF format, please discuss the feasibility of adding it during the CLIF consortium meeting.*

**Analysis:** *Provide a detailed description of the analysis plan.*

**Required Outputs from each CLIF site:** *Provide a list of required aggregate outputs.*

**Target Submission Type:** *Full manuscript, poster, abstract*

**Target Journal:** *Example: Chest > Annals ATS > CCM > Chest Critical Care*