Lessons Learned from an Enterprise-Wide Clinical Datathon

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# Supplementary table 1

On the following page is a copy of the form (rubric) used by the review panel to select proposals for inclusion in the 2020 datathon event.

**Baylor College of Medicine**

**Datathon 2020**

**Proposal Review Form**

Applicant/PIs:

Project Title:

Reviewer:

**Provide scores for the application using the table below, on a scale of 1-5, with 1 being the highest recommendation for moving forward.**

|  |  |
| --- | --- |
| **Scoring Criteria** | **Score (1-5)** |
| Specificity? Does the proposal answer a clear question? |  |
| Impact on clinical care and/or population health? Innovativeness of proposal? Cross mission impact? |  |
| Likely to generate future external funding? |  |
| Quality of methodology? |  |
| Feasibility? Does this leverage existing data sources? Is the project doable in the timeframe? |  |
| Ease in satisfying the data needs of the team? |  |
| Experience/productivity of the team? Level of assistance required? |  |

1. **What are the major strengths of this application?**
2. **What are the major weaknesses of this application?**
3. **Additional Comments**

**OVERALL SCORE: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

# Supplementary table 2

Characteristics of projects selected for datathon.

|  |  |  |  |
| --- | --- | --- | --- |
| **Number** | **Topic** | **Setting** | **Project lead affiliation** |
| 1 | Early warning for acute kidney injury (AKI) after surgery | Inpatient | Surgery |
| 2 | Seasonality of AKI and respiratory viruses | Outpatient | Medicine: nephrology |
| 3 | Designing surgical instruments using radiographs | Outpatient, inpatient | Radiology |
| 4 | Characteristics of COVID patients with pneumothorax or pneumomediastinum | Inpatient | Medicine: pulmonary |
| 5 | Characteristics of COVID patients with superinfection | Inpatient | Medicine: pulmonary |
| 6 | Referrals and quality in chronic kidney disease using geoanalytics | Outpatient | Medicine: nephrology |
| 7 | Blood pressure variability and intracerebral hemorrhage outcomes | Inpatient | Neurology |
| 8 | Predictors of COVID outcomes | Inpatient | Medicine: health services research |
| 9 | Fluid balance effect on outcomes in patients with subarachnoid hemorrhage | Inpatient | Neurology |
| 10 | Complications of cancer treatment | Inpatient | Medicine: oncology |
| 11 | Smoking and cancer screening | Outpatient | Family medicine |
| 12 | Inappropriate recording of antimicrobial allergies | Outpatient, inpatient | Pediatrics: infectious diseases |
| 13 | Disparities in fragility fracture care between two hospitals | Inpatient | Orthopedic surgery |