**Data Dictionary**

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**Original Variables**

**Entry 1**

**Dataset**: The PACIFY Randomized Clinical Trial (Platelet Aggregation with Ticagrelor Inhibition and Fentanyl)

**R Variable Name**: fent\_yn\_mitt

**Description**: Whether or not patient received fentanyl. All participants received subcutaneous lidocaine and intravenous midazolam at the start of the procedure and as needed, but patients were randomly assigned to receive the procedure with or without intravenous fentanyl.

**Data type**: Categorical

**Missing Data**: 0%

**Values and Frequencies:**

|  |  |  |
| --- | --- | --- |
| **Value** | **Description** | **Frequency** |
| 0 | Did not receive fentanyl | 35 |
| 1 | Received fentanyl | 35 |

**Entry 2**

**Dataset**: The PACIFY Randomized Clinical Trial

**R Variable Name**: pru\_2i

**Description**: Platelet reactivity assessed by PRU (Platelet Reactivity Units) at 2 hrs after loading ticagrelor. This is a clinically significant point that was used to determine one of the final outcomes (whether or not patients had high platelet reactivity).

**Data type**: Continuous

**Distribution**:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Minimum** | **Q1** | **Median** | **Q3** | **Max** | **Missing Data** |
| 3.0 | 26.5 | 73.0 | 128.0 | 300 | 0% |

**Entry 3**

**Dataset**: The PACIFY Randomized Clinical Trial

**R Variable Name**: hr\_adp\_ag

**Description**: Platelet reactivity assessed by light transmission ADP aggregometry 2 hrs after loading ticagrelor. ADP aggregometry is a more expensive, but more precise way of measuring platelet reactivity. It was used to confirm whether or not patients had high platelet reactivity. The values are expressed as percent change from baseline aggregation in response to ADP.

**Data type**: Continuous

**Distribution**:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Minimum** | **Q1** | **Median** | **Q3** | **Max** | **Missing Data** |
| 1.0 | 19.0 | 31.0 | 39.25 | 74.0 | 0% |

**Entry 4**

**Dataset**: The PACIFY Randomized Clinical Trial

**R Variable Name**: thirtyminticag, onehrticag, fourhrticag

**Description**: Blood plasma concentration of ticagrelor assessed at 0.5 hrs, 1 hr, 2 hrs, and 4 hrs.

**Data type**: Continuous

**Distribution**:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Variable** | **Minimum** | **Q1** | **Median** | **Q3** | **Max** | **Missing Data** |
| thirtyminticag | 10.0 | 10.0 | 10.0 | 39.64 | 2079.0 | 10% |
| onehrticag | 10.0 | 26.25 | 86.82 | 524.3 | 4046.0 | 4% |
| twohrticag | 10.0 | 277.9 | 803.5 | 1634.0 | 3800.0 | 4% |
| fourhrticag | 10.0 | 610.3 | 903.1 | 1331.0 | 7693.0 | 13% |

**Entry 5**

**Dataset**: The PACIFY Randomized Clinical Trial

**R Variable Name**: proc\_pain

**Description**: Self-reported pain during procedure on a 0-10 scale, where patients could report non-integer values.

**Data type**: Continuous

**Distribution**:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Minimum** | **Q1** | **Median** | **Q3** | **Max** | **Missing Data** |
| 0.0 | 0.0 | 0.0 | 4.5 | 8.5 | 31% |

**Entry 6**

**Dataset**: The PACIFY Randomized Clinical Trial

**R Variable Name**: maxnursingpainscale

**Description**: Pain reported by nurses during procedure.

**Data type**: Continuous

**Distribution**:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Minimum** | **Q1** | **Median** | **Q3** | **Max** | **Missing Data** |
| 0.0 | 0.0 | 0.0 | 0.0 | 9.0 | 6% |

**New Variables**

**Entry 9**

**Dataset**: The PACIFY Randomized Clinical Trial (Platelet Aggregation with Ticagrelor Inhibition and Fentanyl)

**R Variable Name**: pr\_pru

**Description**: Whether the patient has high or low platelet reactivity based on PRU values at 2 hours. The continuous variable pru\_2i was transformed into a categorical variable by creating breaks at the value 235, which is used clinically as a cutoff point for determining level of platelet reactivity. If PRU was 235 or greater, then platelet reactivity was “High.” If PRU was lower than 235, then platelet reactivity was “Low.”

**Data type**: Categorical

**Values and Frequencies:**

|  |  |  |
| --- | --- | --- |
| **Value** | **Description** | **Frequency** |
| Low | pru\_2i was lower than 235 | 61 |
| High | pru\_2i was 235 or greater | 9 |

**Entry 10**

**Dataset**: The PACIFY Randomized Clinical Trial (Platelet Aggregation with Ticagrelor Inhibition and Fentanyl)

**R Variable Name**: pr\_adp

**Description**: Whether the patient has high or low platelet reactivity based on light transmission ADP aggregometry. The continuous variable hr\_adp\_ag was transformed into a categorical variable by creating breaks at the value 46, which is the percent change from baseline aggregation that is used clinically as a cutoff point for determining level of platelet reactivity. If this value was 46 or higher, then platelet reactivity was “High.” If this value was lower than 46, then platelet reactivity was “Low.”

**Data type**: Categorical

**Values and Frequencies:**

|  |  |  |
| --- | --- | --- |
| **Value** | **Description** | **Frequency** |
| Low | hr\_adp\_ag was lower than 46 | 22 |
| High | hr\_adp\_ag was 46 or greater | 18 |

**Entry 8**

**Dataset**: The PACIFY Randomized Clinical Trial

**R Variable Name**: twohr\_pain

**Description**: Self-reported pain 2 hrs after procedure on a 0-10 scale, where patients could report non-integer values.

**Data type**: Continuous

**Distribution**:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Minimum** | **Q1** | **Median** | **Q3** | **Max** |
| 0.0 | 0.0 | 0.0 | 0.0 | 7.0 |