

Resource Summary Report

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Medical Information Mart for Intensive Care-III

RRID:SCR_017384

Type: Tool

Proper Citation

Medical Information Mart for Intensive Care-III (RRID:SCR_017384)

Resource Information

URL: <http://mimic.physionet.org/>

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Description: Collection of comprising deidentified health related data associated with patients who stayed in critical care units of Beth Israel Deaconess Medical Center between 2001 and 2012. Database includes information such as demographics, vital sign measurements made at bedside (~1 data point per hour), laboratory test results, procedures, medications, caregiver notes, imaging reports, and mortality (both in and out of hospital).

Abbreviations: MIMIC-III, MIMIC 3

Synonyms: , MIMIC-III, MIMIC 3, 3, MIMIC, Medical Information Mart for Intensive Care, Medical Information Mart for Intensive Care-III

Resource Type: database, data or information resource

Keywords: deidentified, health-related data, Beth Israel Deaconess Medical Center, , FASEB list

Funding: NIBIB

Availability: Freely Available, Free, Available for Download

Resource Name: Medical Information Mart for Intensive Care-III

Resource ID: SCR_017384

Alternate URLs: <https://physionet.org/users/help/data-sharing/>

License URLs: <https://physionet.org/physiobank/database/>

Record Creation Time: 20220129T080335+0000

Ratings and Alerts

No rating or validation information has been found for Medical Information Mart for Intensive Care-III.

No alerts have been found for Medical Information Mart for Intensive Care-III.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 174 mentions in open access literature.

Listed below are recent publications. The full list is available at [RRID](#) .

Smit JM, et al. (2025) Switching from controlled to assisted mechanical ventilation: a multi-center retrospective study (SWITCH). Intensive care medicine experimental, 13(1), 73.

Tang S, et al. (2025) Impact of β -blockers on mortality in critically ill patients with type 2 myocardial infarction: insights from a retrospective cohort study. Frontiers in cardiovascular medicine, 12, 1531711.

Zhao W, et al. (2025) Prognostic Significance of Red Blood Cell Distribution Width-to-Albumin Ratio in Predicting 1-Year Mortality for Critically Ill Chronic Obstructive Pulmonary Disease Patients. Balkan medical journal, 42(3), 222.

Peng J, et al. (2025) A retrospective analysis of the prognostic implications of glycemic variability on all-cause mortality in critically ill patients with mitral valve disease. Frontiers in endocrinology, 16, 1620762.

Zhong Z, et al. (2025) Inflammatory burden index as a predictor of mortality in septic patients: a retrospective study using the MIMIC-IV database. BMC infectious diseases, 25(1), 552.

Chang H, et al. (2025) Development and validation of a transformer model-based early warning score for real-time prediction of adverse outcomes in the emergency department. Scientific reports, 15(1), 23021.

Wang QH, et al. (2025) Retrospective cohort study on alkaline phosphatase and ICU mortality rate of multiple myeloma. Scientific reports, 15(1), 29623.

Ye W, et al. (2025) Developing and validating a prognostic model to predict ICU mortality in patients with sepsis-associated thrombocytopenia: a retrospective cohort study based on MIMIC-IV. BMJ open, 15(8), e099691.

Lin W, et al. (2025) Impact of neutrophil percentage-to-albumin ratio on mortality in iron-deficiency anemia patients: a retrospective study using MIMIC-IV database. *European journal of medical research*, 30(1), 4.

Zhang Z, et al. (2025) Blood pressure variability associated with in-hospital and 30-day mortality in heart failure patients: a multicenter cohort study. *Scientific reports*, 15(1), 9911.

Ai W, et al. (2025) Urine Output as a Novel Predictor for In-Hospital Mortality in Acute Pulmonary Embolism Patients: Training With the MIMIC Database and Validation With Independent Cohort. *Cardiovascular therapeutics*, 2025, 7907049.

Ding CW, et al. (2025) L-Shaped Association of 24-Hour Urine Output with 3-Month and 1-Year All-Cause Mortality in Patients with Acute Pulmonary Embolism: A Retrospective Cohort Study. *Journal of atherosclerosis and thrombosis*, 32(10), 1316.

Liang X, et al. (2025) Association between long-term (current) aspirin use and sepsis-related delirium in elderly patients: a retrospective cohort study. *Aging clinical and experimental research*, 37(1), 243.

Wang Q, et al. (2025) Relationship between serum anion gap and mortality in ICU in multiple myeloma patients in the MIMIC database: A retrospective cohort study. *PloS one*, 20(7), e0328014.

Lv Y, et al. (2025) Association between hemoglobin glycation index and 28-day all-cause mortality in acute myocardial infarction patients: Analysis of the MIMIC-IV database. *PloS one*, 20(9), e0330819.

Feng T, et al. (2025) An infection prediction model developed from inpatient data can predict out-of-hospital COVID-19 infections from wearable data when controlled for dataset shift. *Scientific reports*, 15(1), 33367.

Teng Y, et al. (2025) Early combination of albumin with crystalloids administration might not be beneficial for the survival of ischemic stroke patients with sepsis: A retrospective analysis from MIMIC-IV database. *PloS one*, 20(12), e0339687.

Wu C, et al. (2025) Association of hemoglobin glycation index with all-cause mortality in critically ill patients with atrial fibrillation: a retrospective analysis from MIMIC-IV. *BMC cardiovascular disorders*, 25(1), 905.

Huang Y, et al. (2025) Association between serum bicarbonate and 28-day mortality in critically ill patients with infective endocarditis: a cohort study from MIMIC-IV. *Scientific reports*, 15(1), 312.

Tong T, et al. (2025) Development and validation of a nomogram to predict survival in septic patients with heart failure in the intensive care unit. *Scientific reports*, 15(1), 909.