

Supplementary Material: List of Papers Found on the Topic of Artificial Intelligence-Based Decision Support for Pre-Operative & Post-Operative Phases of Surgery

Our initial title and abstract search included papers that focused on the pre-operative and post-operative phases of surgery, although we ultimately excluded these surgical phases from our analysis. Here we list the pre-operative and post-operative papers extracted from our initial search. These have not been analyzed to ensure that they meet our inclusion criteria (Table 1). Given the large number of papers that focused on predicting post-operative risks and outcomes, we have sorted these papers into three categories: Predicting Post-Operative Risks or Outcomes (n = 113), Other Pre-Operative (n = 24), or Other Post-Operative (n = 9). Notably, the papers in the Predicting Post-Operative Risks or Outcomes category may be intended to be used pre-operatively (using only pre-operative variables) or post-operatively (using pre-operative, intraoperative, and post-operative variables).

Predicting Post-Operative Risks or Outcomes (113)

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- Azimi, Parisa, and Hasan Reza Mohammadi. 2014. "Predicting Endoscopic Third Ventriculostomy Success in Childhood Hydrocephalus: An Artificial Neural Network Analysis." *JOURNAL OF NEUROSURGERY-PEDIATRICS* 13 (4): 426–32. <https://doi.org/10.3171/2013.12.PEDS13423>.
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Our initial title and abstract search included papers that focused on the pre-operative and post-operative phases of surgery, although we ultimately excluded these surgical phases from our analysis. Here we list the pre-operative and post-operative papers extracted from our initial search. These have not been analyzed to ensure that they meet our inclusion criteria (Table 1). Given the large number of papers that focused on predicting post-operative risks and outcomes, we have sorted these papers into three categories: Predicting Post-Operative Risks or Outcomes (n = 113), Other Pre-Operative (n = 24), or Other Post-Operative (n = 9). Notably, the papers in the Predicting Post-Operative Risks or Outcomes category may be intended to be used pre-operatively (using only pre-operative variables) or post-operatively (using pre-operative, intraoperative, and post-operative variables).

Predicting Post-Operative Risks or Outcomes (113)

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