

Machine Translation in Neonatal Medicine Review

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Abstract

While AI clinical decision support tools appear superior to rule-based tools in many situations, their use can pose additional challenges. An example of this is the lack of large data sets and the existence of imbalanced data (e.g. due to low rates of adverse events) commonly observed in neonatal medicine. This paper describes the latest and most powerful applications of AI in neonatal medicine and highlights future research directions relevant to the neonatal population. AI applications currently being tested in neonatology include vital signs monitoring, disease prediction

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