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Predictive modeling in neurocritical care using causal artificial intelligence

Dang J *et al*. Predictive modeling in neurocritical care

Johnny Dang, Amos Lal, Laure Flurin, Amy James, Ognjen Gajic, Alejandro A Rabinstein

Abstract

Artificial intelligence (AI) and digital twin models of various systems have long been used in industry to test products quickly and efficiently. Use of digital twins in clinical medicine caught attention with the development of Archimedes, an AI model of diabetes, in 2003. More recently, AI models have been applied to the fields of cardiology, endocrinology, and undergraduate medical education. The use of digital

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Fever etiology prediction **in neurocritical care** patients **using** Machine Learning E.L. Boeijenk1, L. Ambrogioni1, C.W.E. Hoedemaekers2, and C.R. van Kaam2 1Department of Artificial **Intelligence**, Radboud University, Nijmegen, the Netherlands 2Department of Intensive **Care**, Radboud University Nijmegen Medical Center, Nijmegen, The Netherlands

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