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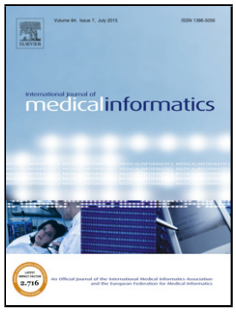

Title: Creation of a Simple Natural Language Processing Tool to Support an Imaging Utilization Quality Dashboard

Authors: Jordan Swartz, Christian Koziatek, Jason Theobald, Silas Smith, Eduardo Iturrate

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ACCEPTED MANUSCRIPT

Creation of a Simple Natural Language Processing Tool to Support an Imaging Utilization Quality Dashboard

Jordan Swartz, MD, MA[1]
Christian Koziatek, MD[1]
Jason Theobald, MD, MBA[2]
Silas Smith, MD[1]
Eduardo Iturrate, MD, MSW[3]

Author Affiliations
1. New York University School of Medicine, Ronald O. Perelman Department of Emergency Medicine, New York, New York.
2. Department of Emergency Medicine, Mount Sinai West Hospital, Mount Sinai St Luke's Hospital, New York, New York.
3. New York University School of Medicine, Department of Internal Medicine, New York, New York.

Corresponding Author
Jordan Swartz, MD, MA
462 First Avenue, Room A345A
New York, NY 10016
Phone: (212) 562-4317
Fax: (212) 562-3001
Email: Jordan.Swartz@nyumc.org

Highlights

- An open-source NLP tool was created for those without computer programming experience
- The tool was used to classify radiology reports for the presence of thromboembolism
- Performance of the tool was excellent and on par with more complex NLP tools
- The results of the classification were used to build an imaging quality dashboard

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