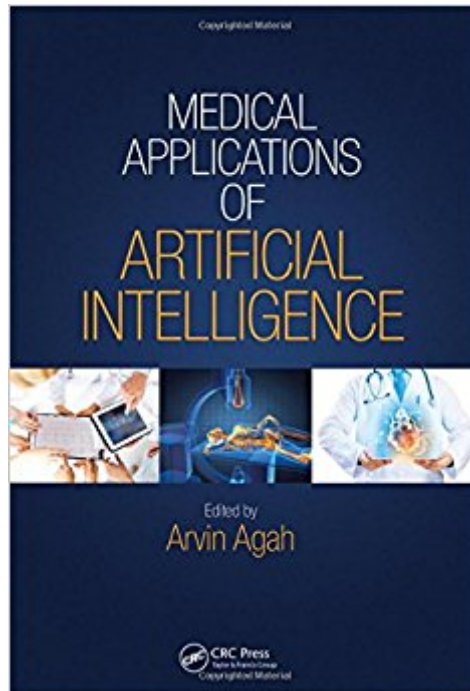


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# Medical Applications Of Artificial Intelligence



## Synopsis

Enhanced, more reliable, and better understood than in the past, artificial intelligence (AI) systems can make providing healthcare more accurate, affordable, accessible, consistent, and efficient. However, AI technologies have not been as well integrated into medicine as predicted. In order to succeed, medical and computational scientists must develop hybrid systems that can effectively and efficiently integrate the experience of medical care professionals with capabilities of AI systems. After providing a general overview of artificial intelligence concepts, tools, and techniques, *Medical Applications of Artificial Intelligence* reviews the research, focusing on state-of-the-art projects in the field. The book captures the breadth and depth of the medical applications of artificial intelligence, exploring new developments and persistent challenges.

## Book Information

Hardcover: 526 pages

Publisher: CRC Press; 1 edition (November 6, 2013)

Language: English

ISBN-10: 1439884331

ISBN-13: 978-1439884331

Product Dimensions: 7 x 1.3 x 10 inches

Shipping Weight: 1.8 pounds (View shipping rates and policies)

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