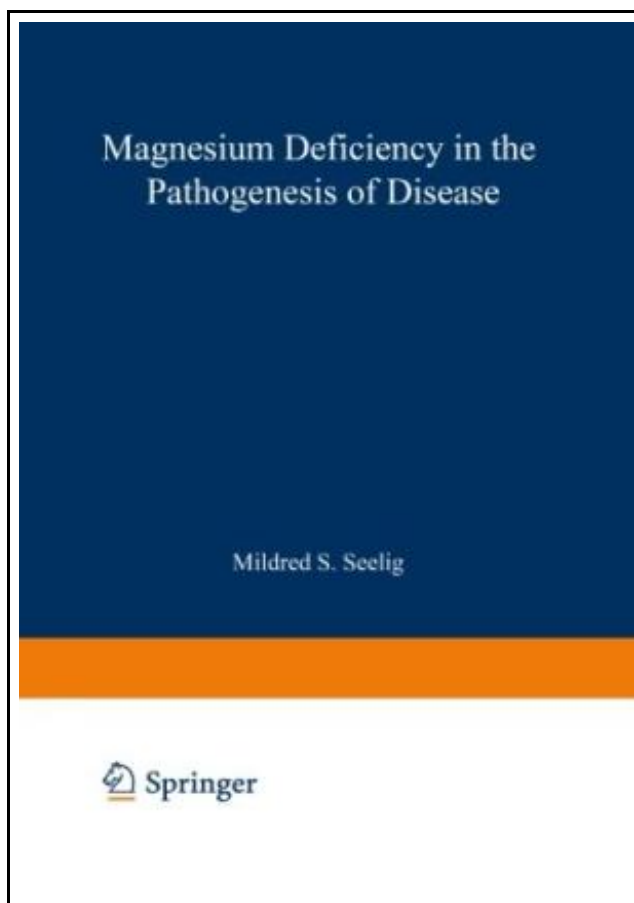# Magnesium Deficiency in the Pathogenesis of Disease: Early Roots of Cardiovascular, Skeletal, and Renal Abnormalities

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Reviews

It is an awesome book that we have possibly go through. It is actually writter in straightforward words and phrases and not confusing. It is extremely difficult to leave it before concluding, once you begin to read the book.
(Tierra Kunde)

MAGNESIUM DEFICIENCY IN THE PATHOGENESIS OF DISEASE: EARLY ROOTS OF CARDIOVASCULAR, SKELETAL, AND RENAL ABNORMALITIES

Springer-Verlag New York Inc., United States, 2012. Paperback. Book Condition: New. 254 x 178 mm. Language: English . Brand New Book ***** Print on Demand *****.There is a large and rapidly growing body of literature on the importance of mag- nesium in biochemical and physiological processes. There is also much evidence that magnesium deficiency, alone and in combination with agents that interfere with its utilization, is associated with functional and structural abnormalities of mem- branes, cells, organs, and systems. The manifestations of the changes caused by magnesium deficiency depend upon its extent and duration and on variable factors. Among the conditions that increase the risk of magnesium deficiency are (1) meta- bolic factors that affect the absorption, distribution, and excretion of this mineral; (2) disease and therapy; (3) physiologic states that increase requirements for nutrients; and (4) nutritional imbalances. Excesses of nutrients that interfere with the absorption or increase the excretion of magnesium-such as fat, phosphate, sugar, and vitamin D-can contribute to long-lasting relative magnesium deficiency. All have been implicated in several of the diseases considered in this book. Whether their influence on the need for magnesium is a common denominator remains to be investigated further. Softcover reprint of the original 1st ed. 1980.

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