

1. Record Nr.	UNINA9910465358503321
Autore	Bracken Michael B. <1942->
Titolo	Risk, chance, and causation [[electronic resource]] : investigating the origins and treatment of disease / / Michael B. Bracken
Pubbl/distr/stampa	New Haven, : Yale University Press, c2013
ISBN	0-300-18955-9
Descrizione fisica	1 online resource (288 p.)
Disciplina	616.07/1
Soggetti	Epidemiology Therapeutics Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Front matter -- Contents -- Acknowledgments -- Abbreviations -- One. Risk, Chance, and Causation -- Two. Chance and Randomness -- Three. Risk -- Four. Randomization and Clinical Trials -- Five. More Trials and Some Tribulations -- Six. Harm -- Seven. Screening, Diagnosis, and Prognosis -- Eight. A Statistical Sojourn -- Nine. Disease Clusters -- Ten. Genetics and the Genome -- Eleven. The Study of Mankind Is Man -- Twelve. Celebrity Trumps Science -- Thirteen. Replication and Pooling -- Fourteen. Bias in Publication and Reporting -- Fifteen. Causes -- Sixteen. Ultimate Causation -- Notes -- Bibliography and Further Reading -- Index
Sommario/riassunto	The press and other media constantly report news stories about dangerous chemicals in the environment, miracle cures, the safety of therapeutic treatments, and potential cancer-causing agents. But what exactly is actually meant by "increased risk"-should we worry if we are told that we are at twice the risk of developing an illness? And how do we interpret "reduced risk" to properly assess the benefits of noisily touted dietary supplements? Demonstrating the difficulty of separating the hype from the hypothesis, noted epidemiologist Michael Bracken clearly communicates how clinical epidemiology works. Using everyday terms, Bracken describes how professional scientists approach questions of disease causation and therapeutic efficacy to provide readers with the tools to help them understand whether warnings of

environmental risk are truly warranted, or if claims of therapeutic benefit are justified.
