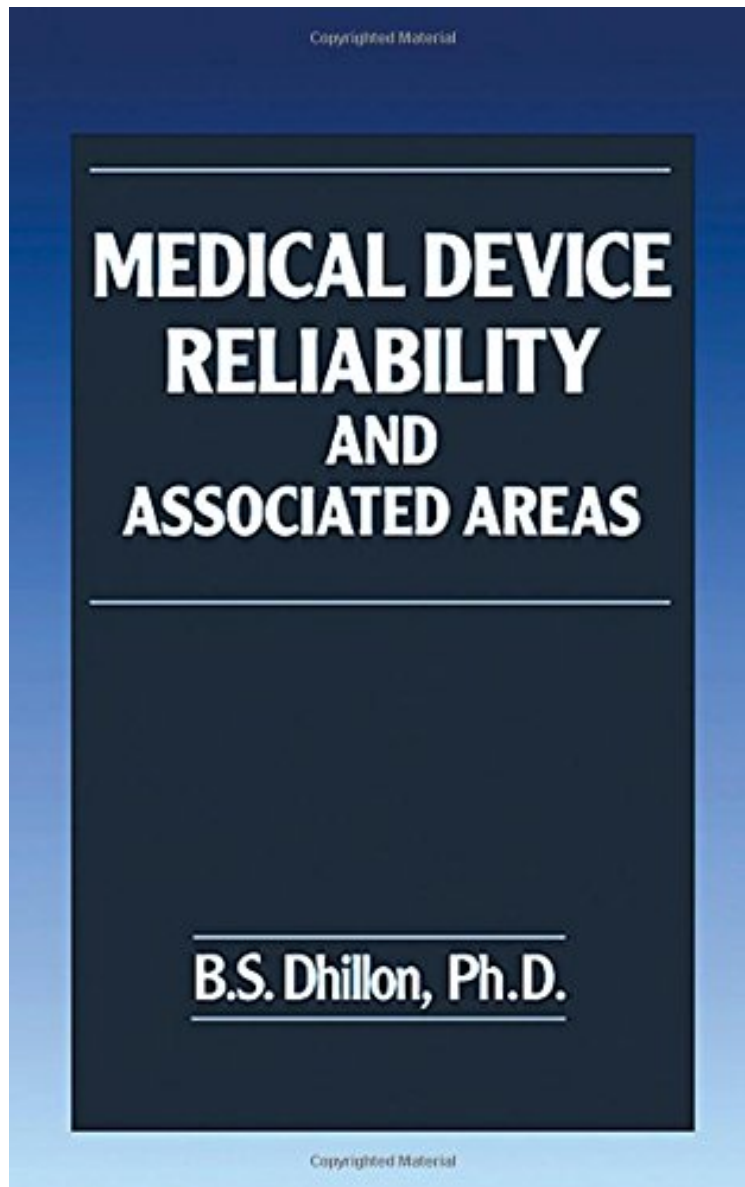


Medical Device Reliability and Associated Areas

B.S. Dhillon

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1 of 1 people found the following review helpful. Easy read, good assessment of qualitative reliability toolsBy P. BarnhartDoes not dive deeply into reliability theory and equations, but gives a good overview of reliability strategies (risk mitigation) as they apply to the Medical Device Field. The author has done a lot of research on, and has listed

many examples of the impact that unreliability has caused within the medical field.

Although Reliability Engineering can trace its roots back to World War II, its application to medical devices is relatively recent, and its treatment in the published literature has been quite limited. With the medical device industry among the fastest growing segments of the US economy, it is vital that the engineering, biomedical, manufacturing, and design communities have up-to-date information on current developments, tools, and techniques. *Medical Device Reliability and Associated Areas* fills this need with broad yet detailed coverage of the field. It addresses a variety of topics related - directly and indirectly - to reliability, including human error in health care systems and software quality assurance. With emphasis on concepts rather than mathematical rigor, a multitude of examples, exercises, tables, and references, this is one resource that everyone connected to the medical device industry must have.