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Webinar on

Good and Bad Practices in Risk Analysis

Learning Objectives

- *How FMEAs are usually misused?
  How to get the most value from risk
  analysis*

- *The correct way to conduct a risk
  analysis , How to get users involved in
  the risk analysis*

- *How to integrate risk analysis in the risk
  analysis process*

- *Eliminating design defects to reduce risks
  of recall*

- *Eliminating manufacturing defects to
  reduce the risk of recall*

- *Eliminating maintenance mistakes
  using risk analysis , New heuristics for
  getting fast results*

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This webinar covers the main tools for risk analysis is the Preliminary Hazard Analysis.

PRESENTED BY:

Dev Raheja, MS, CSP, author of the books Design for Reliability and Safer Hospital Care, is international risk management, reliability, durability, and system safety consultant for government, commercial and aerospace industry for over 30 years.

On-Demand Webinar

Duration : 90 Minutes

Price: $200

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Webinar Description

Selecting the most appropriate risk treatment option involves balancing the costs and efforts of implementation against the benefits derived, with regard to legal, regulatory, and other requirements such as social responsibility and the protection of the natural environment. A number of treatment options can be considered and applied either individually or in combination. Risk treatment itself can introduce new risks. A significant risk can be the failure or ineffectiveness of the risk treatment measures. Therefore the monitoring needs to be an integral part of the risk treatment plan to give assurance that the measures remain effective.

ISO 31000: the generic risk treatment standard at a business level, suggests selecting one or more of the following options for managing risks, and implementing those options. Risk treatment options are not necessarily mutually exclusive. The options can include combinations of the following:

- Sharing the risk with another party or parties (including suppliers and insurers)
- Avoiding the risk by deciding not to start or continue with the activity that gives rise to the risk of removing the risk source
- Changing the likelihood
- Changing the consequences (impact)
- Retaining the risk by informed decision
- Taking the risk in order to pursue an opportunity

Who Should Attend ?

All Technical managers
Design and research staff
Technical staff
QA staff
Manufacturing staff
Product safety staff
*Maintenance staff*
Marketing staff
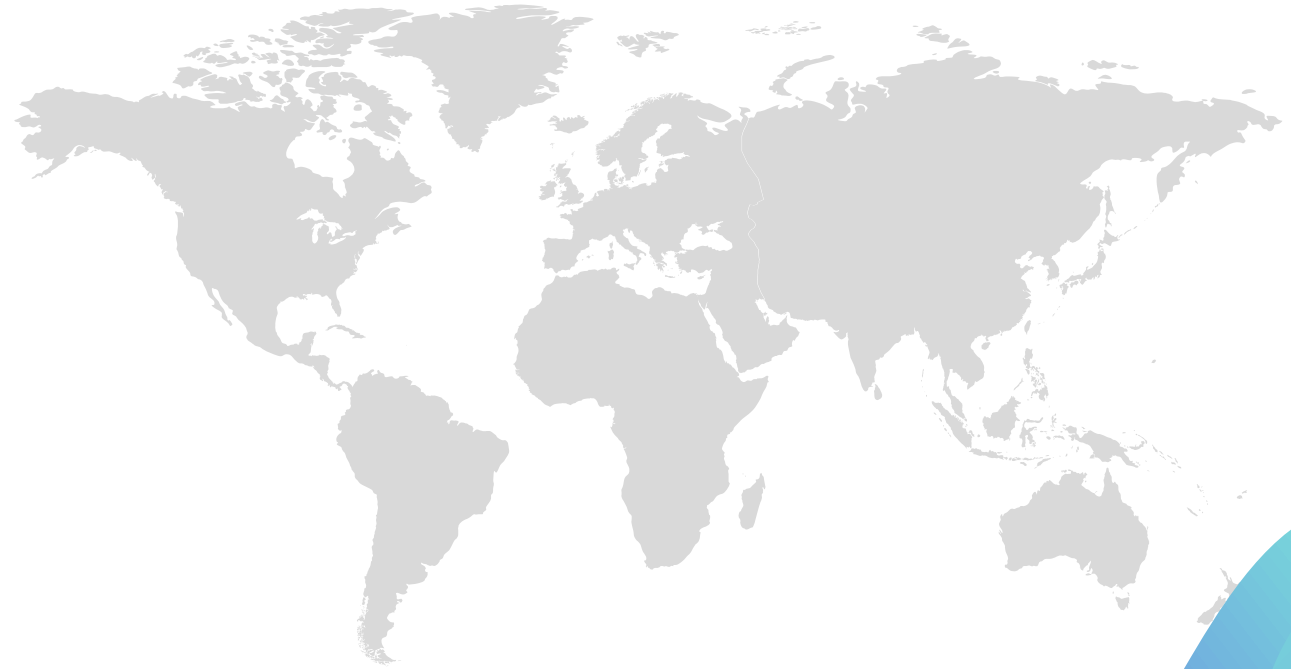
Why Should You Attend ?

The risk analyses are usually incomplete and too late even after so much attention paid to them. By this time you only have the high-risk design. The purpose of risk analysis is to discover new safety, reliability, maintenance, and quality-related risks, and therefore add more new requirements. Before any analysis is done, management should establish the range of risks that are acceptable, unacceptable, which risks require further investigation, and those that require the management review. Management should also make sure the definitions of risk and its components (the hazard, the hazardous situation) are clearly defined in the engineering standards and understood by the entire chain of command. This understanding is critical for clear communications.
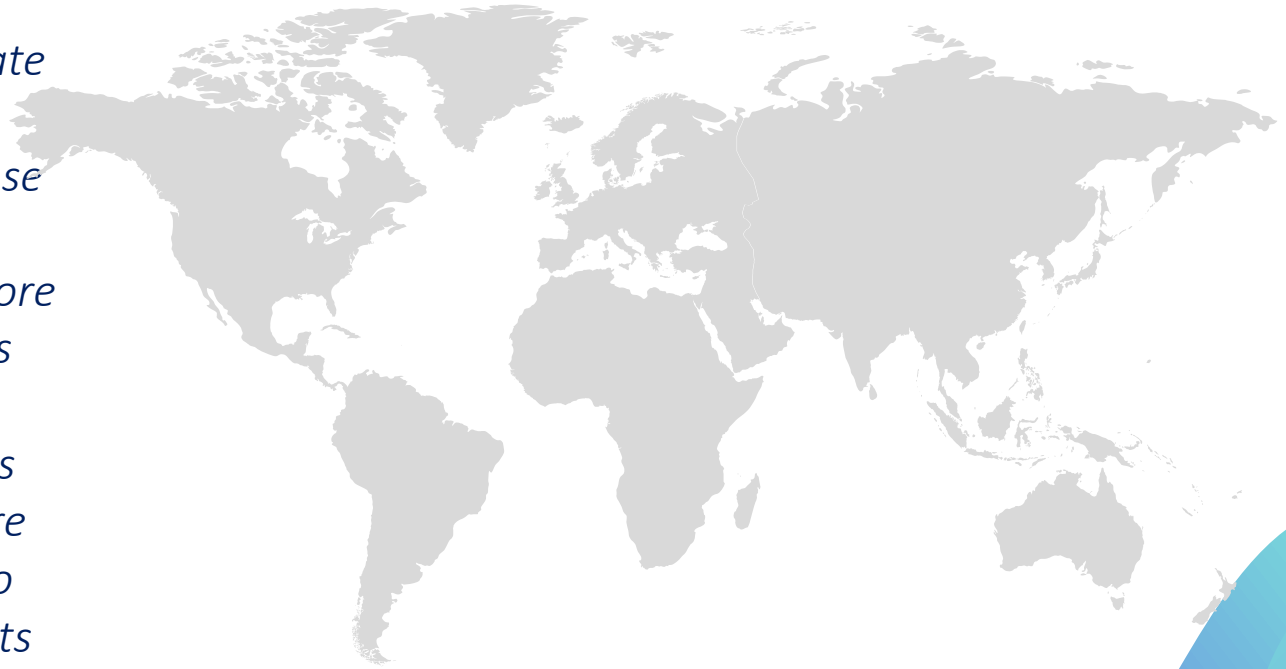
Risk must include a combined impact of the severity of harm and the probability of harm. Therefore we need acceptance criteria for each combination of the severity and the probability of harm. This is done by developing a hazard assessment matrix, also called risk assessment matrix. It shows what combinations are acceptable based on the ISO 14971. This webinar covers the main tools for risk analysis is the Preliminary Hazard Analysis. We will go deeper into this most important analysis, and how to use them using innovative thinking.
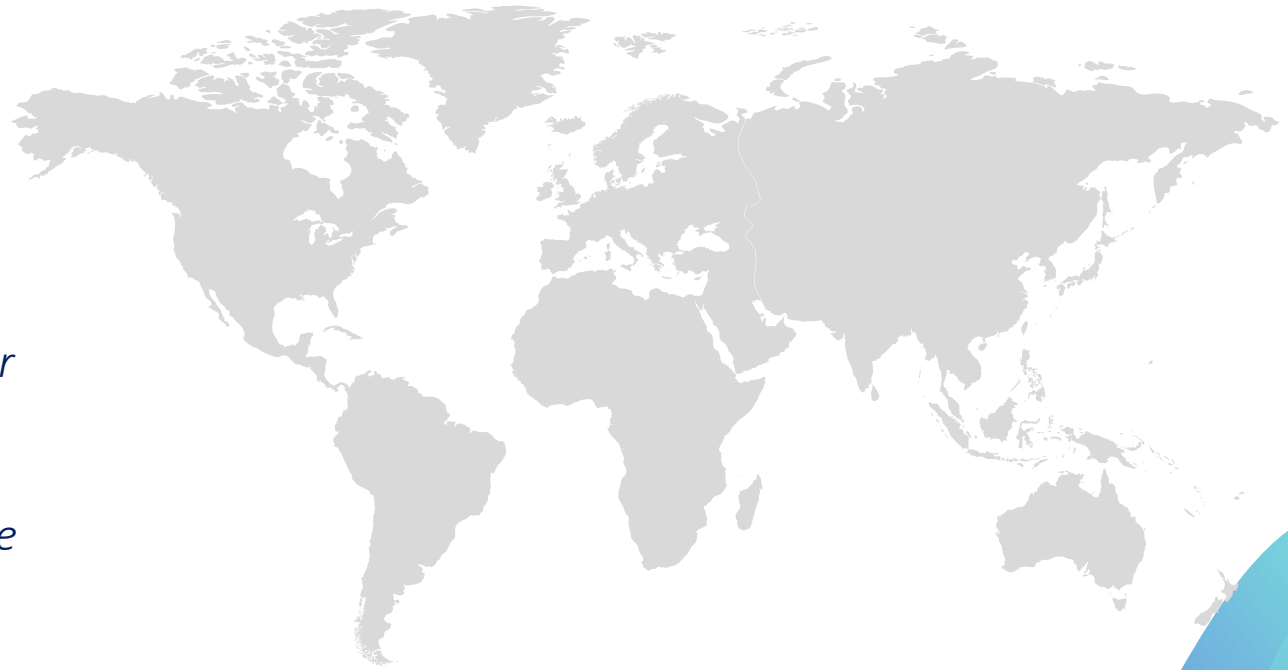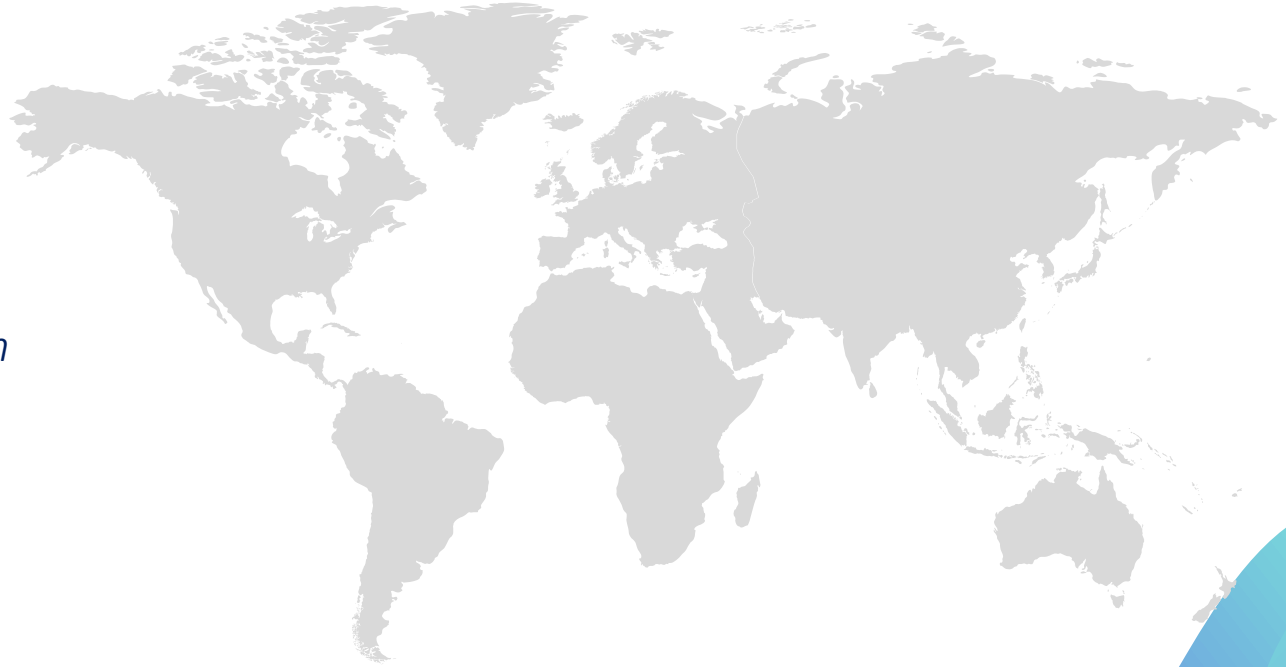
Topic Background

Using ineffective tools touted as best practices in the industry is not cool!

Using proactive risk analysis tools using the right way at the right time is wisdom with a high return on investment

To register please visit:

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