

DATE:

**Tuesday,
December 17, 2025**

**This is a virtual/online
(Webex) event. Log-in
information will be provided
with registration confirmation.**

Time: 6:00 pm - 7:30 pm PST

(check website to confirm time)

**There is no charge for ASQ
members or non-members.**

**Registration is required for
planning purposes and to
receive RU credit following
the event.**

More information about Inland
Empire ASQ 505 is available
[here](#).

Information about Temecula
ASQ can be found [here](#).

Information about San Gabriel
ASQ 0702 is available [here](#).

For more information about our
ASQ section and other upcoming
events: www.asq614.org/ or our
[myASQ community site](#).

Surprising Mitigations from Fault Tree Analysis - Don't Stop with the Fault Tree!



Barry Craner

**ASQ Pacific Region Director
FASQ, CQE, CQE, CQA, CMDA, RAC(US), MS+, MBA**

The Fault Tree Analysis (FTA) is a tool for any problem from an event or hazard when one desires to understand possible future or past causes. It can be used in Root Cause Analysis (like a Fishbone analysis), and in Risk Management in device design and process development.

One starts with an event or hazard, then proceeds through a few levels of possible succeeding causes. However, if one stops there, the “product” is only a list of possible (even probable) potential causes one wants to avoid. So, “Where is the Beef?” The next step is creating a list of potential “mitigations” that can be used in the product or process design process to ensure the probability of a future event is significantly lowered - or for a past event we can see why it happened, and more importantly, likely prevent it from happening again.

Join us on December 17 to learn more. Takeaways will include a blank template and an example of a completed template.

About the speaker: Barry Craner is a Certified Quality Engineer, Certified Reliability Engineer, Certified Quality Auditor, and Certified Biomedical Auditor. With over 40 years of experience in quality and related fields, an MBA with emphasis on Computer Information Systems and MS+ in Biology (Cardiac Physiology), Barry has consulted in medical device quality assurance and regulatory affairs and taught risk management and other courses at the collegiate level and to Fortune 500 companies. He has published numerous papers and is well-known as a U.S. and international speaker. He is on the Medical Device and Diagnostic Industry list of “100 Notable People in the Medical Device Industry.”

In 2008, Barry was awarded the Simon Collier Quality Award by the ASQ Los Angeles Section. He is an ASQ Fellow and has been active in ASQ for several decades at both the local/section and national/division levels. Barry currently serves as the ASQ Pacific Region Director.