



**ASME V&V 40** — Assessing Credibility of Computational Modeling and Simulation Results through Verification and Validation: Application to Medical Devices, was published in 2018 to support the credible use of modeling and simulation within the medical device industry. This standard was developed through close collaboration between medical device developers, regulatory agencies, and other device industry stakeholders, and provides modelers in the medical device industry with a framework for establishing model credibility requirements. This introductory course will provide an overview of the standard and highlight its key tenets through a few medical device examples and active breakout discussions.

Instructors are members from the ASME VVUQ Subcommittee 40:

- Jeff Bischoff from Zimmer Biomet, V&V 40 Chair
- Marc Horner from ANSYS, V&V 40 Vice-Chair
- Payman Afshari from Depuy Synthes, V&V 40 Vice-Chair
- Mehul Dharia, Zimmer Biomet
- Brandon Lurie, W.L. Gore & Associates

Details:

The V&V 40 Workshop will be held on Tuesday, May 24, 2022, from 1:00PM – 5:30PM at the Texas A&M University in the Zachry Engineering Education Complex Building. Once you have registered for the event, details will be sent to you prior to the event.

Agenda:

- 1:00 Introduction and virtual walk-through of V&V40 – Jeff Bischoff
- 1:20 Key concepts: COU, risk, credibility – Payman Afshari
- 1:40 Key concepts: Credibility factors – Marc Horner
- 2:00 Break
- 2:10 Case Study #1: Stents – Brandon Lurie
- 3:20 Break
- 3:30 Case Study #2: Tibial Trays – Mehul Dharia
- 4:30 Discussion and wrap-up – Jeff Bischoff
- 5:00 Adjourn

Fees

ASME Member	\$150
Non ASME member	\$175
ASME Student Member	\$50
Non-Student member	\$75