

**TG100 Certificate of Completion Course:
Application of Risk Analysis Methods to
Radiotherapy Quality Management**

2016 Certificate of Completion Track Co-Directors
Eric C. Ford PhD
Jatinder R Palta PhD

Course Schedule
(Ballroom C)

Course (includes 5 SAM Sessions):
– Wednesday August 3: 7:30 am – 6:00 pm

Workshop:
– Thursday, August 4: 12:15 pm – 2:50 pm

**Participation restricted to course registrants only and is optional*

Course Registration Perks

- Reserved seating
- USB stick and downloadable files
- Audience Response Unit- needed to participate in any SAM session throughout the week
- Framed certificate of completion
 - Requires attendance at the course and successful completion of the online exam

Course Synopsis

Didactic Curriculum (5 sessions including; educational and scientific sessions, and proffered papers):

- Focus on describing a structured methodology of TG100 for analyzing clinical processes and for developing clinic - and site - specific quality management programs that more effectively and efficiently address work practices in individual clinics.

Keynote Address "Learning from Medical Errors: A Partnership for Progress" Leilani Schweitzer

TG-100 Workshop Hands-on workshop will teach principal tools of TG-100 to build both competence and confidence in the use of risk-based quality management techniques

Required Reading

- The report of Task Group 100 of the AAPM: Application of risk analysis methods to radiation therapy quality management, *Huq et. al., Medical Physics, 43,4209 (2016)*
- Safety is no accident: A framework for quality radiation oncology and care, *ASTRO Publication (2012)*

https://www.astro.org/uploadedFiles/_MAIN_SITE/DailyPractice/Accreditation/Content_Pieces/SafetyisnoAccident.pdf

Quality Gap (Session 1)

- **Lessons learned: Clinical Trials and Operations**

Susan Evans MD, Yale University, New Haven, CT

- **Lessons Learned: IROC Audits**

David Followill PhD, UT MD Anderson Cancer Center, Houston, TX
