ASCO®

American Society of Clinical Oncology

Fundamentals of Clinical Trials

Best Practices in the Conduct of Medical Research

A seminar in the design, interpretation, data management, regulation, ethics, and promotion of clinical trials, with special emphasis placed on cancer studies

Medical Trends

Program Director:
Alexander E. Drilon, MD

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Clinical trials are the dynamo that powers medical research. From bench proof-of-concept studies to investigations of new diagnostic and therapeutic approaches, clinical trials are the critical step in a long process culminating in better understanding of human diseases and their treatment.

This ASCO seminar, which is designed to complement the Web-based course at ASCO University, will provide a comprehensive review of the objectives, structure, and responsibilities of clinical trials and those who manage them. Although the program is applicable to all clinical trials, the focus will be on cancer studies and their special requirements.

Program director:
Alexander E. Drilon, MD

Dr. Drilon is a medical oncologist specializing in the treatment of lung cancer, early-stage clinical trials, and new treatment approaches that target molecular changes in tumors. He is affiliated with the Memorial Sloan-Kettering Cancer Center and Weill Cornell Medical College, and is a member of the ASCO University Editorial Board.

Fundamentals of Clinical Trials

Designed by ASCO and directed by Alexander E. Drilon, MD, **Fundamentals of Clinical Trials** is a 4.5-hour seminar devoted to the clinical-research process. It will begin with an overview of the different phases of clinical trials and other types of research studies. Next, the program will assess the key recommendations for meeting local and international regulatory requirements and data handling.

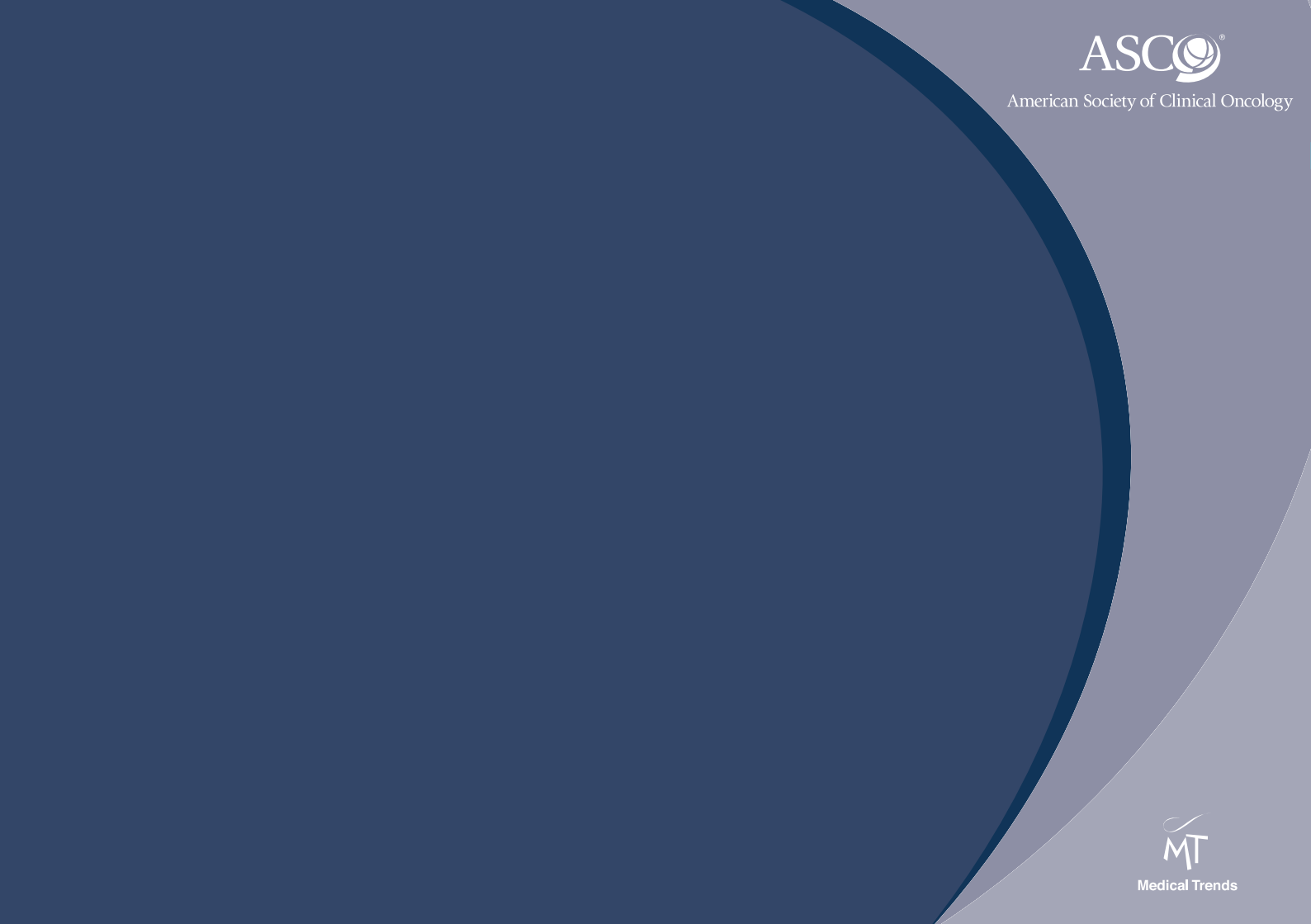
A discussion of ethical guidelines to protect subjects and ensure the integrity of research is next, along with a review of practices that enable quality assurance. Participants will learn the responsibilities of the research team and ways to promote clinical research and recruit trial subjects. The program will conclude with a brief examination of current issues that threaten the viability of clinical research studies around the world.

Learning objectives

1. **To distinguish the types of clinical research studies, explain how they are designed, and assess how they are interpreted.**
2. **To assess recommendations for best practices with respect to regulatory requirements, data handling, ethical guidelines, protection of subjects, and quality assurance.**
3. **To appraise the roles and responsibilities of the research team and study sponsors.**
4. **To summarize the need to promote clinical research and implement proven techniques to recruit and retain subjects.**
5. **To describe the emerging issues affecting the conduct of current and future clinical-research studies.**

After completing the seminar, you will also receive a concise monograph which will help you retain and expand on the key fundamentals of clinical research.

Designed and developed by Medical Trends, with the permission and under the supervision of the American Society of Clinical Oncology.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