

ADVANCED CLINICAL COURSE

ExacTrac Dynamic for Breast Cancer

Summary

This “Advanced Clinical Course” is a comprehensive training program aimed at supporting the use of ExacTrac Dynamic for breast cancer treatments. During the course you will learn about specific imaging, CT simulation, breath-hold techniques and general strategies for the treatment of breast cancer. During the hands-on part of the course, you will be familiarized with the use of the ExacTrac Dynamic Breath-Hold modules.

Course goals

- Ensure users are competent and confident in using the ExacTrac Dynamic Breath-Hold modules
- Assist user in implementing the Breath-Hold techniques during all parts of the treatment process including CT acquisition and simulation, treatment planning and treatment delivery

Target audience

Radiation oncologists, medical physicists and radiation therapists/radiographers who are involved in the treatment with ExacTrac Dynamic.

Duration

2-day site visit followed by a 1/2-day remote course.

Prerequisites

The attendees must have a basic knowledge of the treatment delivery process including the use of the accelerator. The users should have received training from Brainlab regarding the basics of ExacTrac Dynamic.

Faculty

- Mark De Ridder, MD PhD
- Thomas Mulliez, MD PhD
- Thierry Gevaert, PhD
- Cristina Ferro Teixeira, M. Sc.
- Adrián Gutiérrez, M.Sc.

Agenda

Day 1

12:00 - 1:30 PM	Welcome Lunch Arrival at the hotel and welcome lunch for participants	
1:30 - 1:45 PM	Site Visit Overview and tour of the department	
1:45 - 2:15 PM	Clinical Implementation of Breath-Hold techniques with ExacTrac Dynamic Review of the clinical implementation and requirements for a successful Breath-Hold program with ExacTrac Dynamic.	
2:30 - 3:00 PM	Coffee Break	
2:30 - 3:30 PM	Group 1 (control room) Observing a Breath-Hold patient treatment with ExacTrac Dynamic	Group 2 (control room) Observing a Breath-Hold patient treatment with ExacTrac Dynamic
3:30 - 5:00 PM	Physicists (linac) Dedicated session for medical physicists and dosimetrists on specific quality assurance techniques used for safe Breath-Hold treatments	Physicians (seminar room) Dedicated session for radiation oncologists on target volume delineation, prescriptions, fractionation schedules and treatment outcomes for breast cancer.
7:00 - 11:00 PM	Group Dinner	

Day 2

9:00 - 10:30 AM	Clinical Cases (seminar room) Discussion of the balance between benefits and side effects of various treatment options for breast cancer, accounting for prognostic factors and patient-related characteristics. Analysis of different case example and discussion of the entire workflow from treatment planning to image guidance.
10:30 - 11:00 AM	Coffee Break
11:00 AM - 12:00 PM	Positioning and Image Guidance Expert tips and tricks for Breath-Hold treatments with ExacTrac Dynamic <ul style="list-style-type: none">• Breath-Hold with X-Ray Monitoring• Breath-Hold External Positioning with Surface Monitoring
12:00 - 1:30 PM	Lunch
1:30 - 3:00 PM	Clinical Routine with ExacTrac Dynamic (seminar room hotel) Guidelines and use of ExacTrac Dynamic in daily practice
3:00 - 4:00 PM	Next Steps (seminar room hotel) New treatment and positioning approaches with ExacTrac Dynamic
4:00 - 4:30 PM	Wrap Up Training acceptance, certificates and farewell

Day 3 (remote, 3 months later)

1:30 - 2:00 PM	Introduction Welcome round, ice breaker
2:00 - 3:40 PM	Clinical Cases Follow-up discussion of clinical cases from each participating hospital
3:40 - 4:00 PM	Break
4:00 - 5:00 PM	Physicists/ RTs Q&A session on quality assurance used for the implementation of new Breath-Hold techniques
5:00 - 5:30 PM	Outlook and Wrap Up What's next, training acceptance, certificates and farewell

