Surgical Training and Assessment for Residents

AO’s interactive learning hub

www.aotrauma.org/STaRT

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One of the main challenges that residents face is lack of time for learning and skills development. AO Trauma STaRT provides easy access to relevant information that:

- Supports self-directed learning
- Reinforces basic principles to facilitate effective clinical decision-making
- Complements formal educational offerings of certifying bodies and teaching hospitals

Self-directed learning becomes increasingly important for residents. The three main features of AO Trauma STaRT address distinct learning strategies:

- Interactive clinical case discussions
- Self-assessment opportunities for learning
- Overview of and direct access to all AO resources for residents

Improve surgical skills and clinical decision-making
Residents have unique learning needs: AO Trauma STaRT incorporates effective educational strategies so residents can benefit from the wealth of knowledge, experience, and resources available within the AO.

AO Trauma STaRT is free of charge and easy to use. The clinical case discussions, self-assessment options, and extensive resources are aligned with AO Trauma’s Educational Program for Residents.

A personalized learning history helps residents keep track of activities completed and scores attained.

AO Trauma STaRT is currently available for use on PC, Mac, and iPad.
Engage in interactive case discussions

Short, focused video-based clinical case discussions delivered by experienced international surgeons:

- Interactive case discussions promote learning based on common patient problems
- Case discussions are graded into the levels: basic, intermediate, or complex.

Learners receive direct feedback on their answers from the case presenter.
Take 10 minutes to work through a case discussion. Each case is presented by an experienced surgeon and you are asked a number of questions as the case progresses. The presenter provides direct feedback on your answers—you know immediately if you got it right and the rationale behind it.

Not enough time to complete the case discussion?—No problem. All of your entries will be saved so you can continue the module later.

Take-home messages reinforce important concepts
• Reduction and implant position are more important than the type of implant

Links to further learning resources and references
• Further learning material:
  • Step-by-step description of surgery
  • Overview of available EMIL strategies
  • Literature review
  • Video tutorials

Navigation is straightforward and easy to use!
Identify your knowledge gaps

Two different options for self-assessment based on multiple-choice questions are available in AO Trauma STaRT:

- Quizzes: best suited for learning. Provides immediate feedback to answers.
- Self-assessment modules: ideal for identifying personal knowledge gaps. Summary of results is provided only upon completion.

Quizzes and self-assessment modules are available for three different levels of complexity: basic, intermediate, and complex.

Select a module with the right level of complexity for your needs.

Learn from your mistakes.
Engage in a quiz to learn about a topic: immediate feedback consists of a comprehensive rationale, references, and tips for further learning.

Complete a self-assessment module to test your knowledge and identify gaps. Select a module with questions on a single or mixed topics. Each test can be repeated up to three times.

You can exit a quiz or self-assessment module at any time and save your entries.

The highest score you attain is displayed as "My best score". The "Average score all users" displays the average best score of all users who have completed the module.
Fast access to AO resources

The Learning Material section of AO Trauma STaRT provides an overview of the vast repository of AO learning resources.

Browse AO’s learning resources to find:

- Teaching videos
- eLearning modules
- Recorded lectures
- Readings
- Webinars
- Webcasts
- Mobile apps
- Checklists
- ... and much more
The Learning Material section provides you with resources to fill identified knowledge gaps. A clearly structured table of contents gives an overview of existing learning resources. They are labeled by level of complexity, making it easy to identify material relevant to your level.
Track your learning history

Just click the Learning History tab to:

- Gain an overview of all case discussions, quizzes, and self-assessments available.
- Check your scores and the time spent on each activity.
- Identify modules you have not attempted.
- Access any module by clicking on the title.

AO Trauma STaRT keeps track of your progress process. Your personal learning history can be printed to compare scores with peers or even as a report for your Residency Program Director or learning portfolio.

You can sort the list by completion status or score, whichever you wish, and see how much time you spent on each activity.
Structured interviews with residents, resident supervisors and directors of residency programs helped to identify the specific needs of residents with regard to learning and learning resources. AO Trauma STaRT content is developed by international teams of experienced surgeons who are actively involved in resident teaching and training.

AO Trauma STaRT provides a learning hub encompassing:
- Easy and fast access to well-structured, tailored learning
- Objective, evidence-based, and up-to-date information
- Interactive, video-based learning tools
- Clinical case discussions
- Assessment questions with comprehensive rationale and references for daily use
- Tools to identify personal knowledge gaps and compare performance with peers

All content of AO Trauma STaRT is aligned with AO Trauma’s Educational Program for Residents. New modules are added on an ongoing basis. Your input and feedback will help us improve and expand over time.
AO Trauma STaRT: Surgical Training and Assessment for Residents

Simply register and STaRT today!

www.aotrauma.org/STaRT

System requirements:
Operating system: Windows XP, Vista, Windows 7/8, Mac OSX 10.6-10.8, iOS 5/6
Browser: Internet Explorer Version 9/10, Mozilla Firefox Version 22 or higher, Google Chrome 27 or higher, Safari iOS 6/Mac 6.5/Win 5.6
Browser settings: JavaScript activated, pop-up blocker deactivated