

STaRT Surgical Training and Assessment for Residents AO's interactive learning hub

www.aotrauma.org/STaRT

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Improve surgical skills and clinical decision-making



One of the main challenges that residents face is lack of time for learning and skills development. AOTrauma 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 AOTrauma 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

Residents have unique learning needs: AOTrauma STaRT incorporates effective educational strategies so residents can benefit from the wealth of knowledge, experience, and resources available within the AO.



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

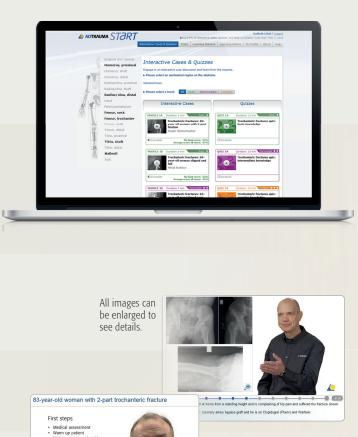
A personalized learning history helps residents keep track of activities completed and scores attained.

AOTrauma 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:

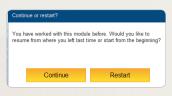
- Interactive case discussions promote learning based on common patient problems
- Case discussions are graded into the levels: basic, intermediate, or complex.



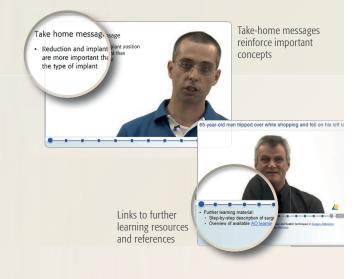
Learners receive direct feedback on their answers from the case presenter.



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.



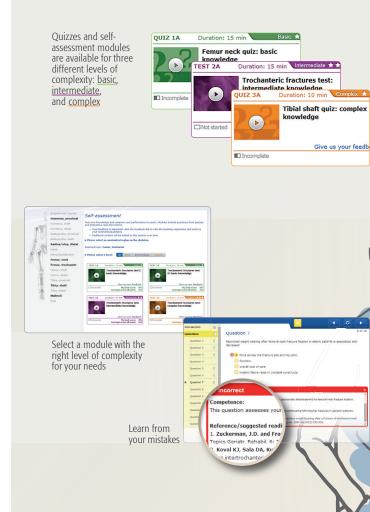
Not enough time to complete the case discussion?—No problem. All of your entries will be saved so you can continue the module later.



Identify your knowledge gaps

Two different options for self-assessment based on multiple-choice questions are available in AOTrauma 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.





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.

Quit quiz?					
Would you like to quit the quiz? You have not completed 14 pages yet.					
Yes Xo					

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

You can repeat quizzes as many times as you like. Once you feel confident on the topic, you can test your knowledge by completing the relevant self-assessment module.

Tibial shaft test I: I knowledge

15 m

TEST 1A

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 **AOTrauma 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

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Find helpful smartphone apps

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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.

Continually updated with new offerings, residents can access available learning material via a clearly structured table of contents with direct links.

Preoperative assess

Lectures, videos, webinars, eLearning modules

nt of soft-tissue injuries

Access selected book chapters

Watch an AO teaching video

Track your learning history

Just click the Learning History tab to:

- Gain an overview of all case discussions, guizzes, 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.

Learning his	story
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Kernin Luss						
AD Foundation -						
Course		Status	Score	Duration [hh:mm:ss]		
*	Tibial shaft: Wedge fracture of the tibial shaft	-	33	00:33:38		
*	Fernur neck: ORIF of displaced fernoral neck fractures (part 2)		0	00:44:25		
	Femur neck: Avoiding and managing complications (part 2)	-	0	00:46:12		
•	Malleolar fractures: Closed ankle injury (motorcycle accident)		80	01:14:42		
*	Tibial shaft: Isolated fracture with good soft-tissue condition		20	00:56:32		
•	Tibial shaft: Isolated open fracture		25	00:12:23		
•	Tibial shaft: Polytrauma patient with closed tibial shaft fracture		25	00:06:13		
Þ	Femur neck: Emergency room evaluation of a low-energy fracture patient		57	05:02:40		
۲	Trochanteric fractures: 65-year-old man tripped over and fell on his left leg		40	19:12:40		
•	Trochanteric fractures: 83-year-old woman with 2-part fracture		57	00:36:12		
*	Femur neck: Closed reduction and percutaneous fixation		33	00:52:19		
•	Femur neck: ORIF of displaced femoral neck fractures (part 1)		0	00:56:26		
•	Fernur neck: Avoiding and managing complications (part 1)		0	01:44:18		
•	Trochanteric fractures: 69-year-old woman slipped and fell		63	00:48:23		
•	Trochanteric fractures: High-energy fractures in young patients		40	00:30:33		
Q	Tibial shaft quiz I: basic knowledge		0	00:13:08		

AOTrauma 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.

Tailored to the needs of residents



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.** AOTrauma STaRT content is developed by international teams of experienced surgeons who are actively involved in resident teaching and training.

AOTrauma 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 AOTrauma STaRT is aligned with AOTrauma'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. AOTrauma STaRT: Surgical Training and Assessment for Residents

Simply register and STaRT today!

www.aotrauma.org/STaRT



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

