

AOTrauma Blended Course - Basic Principles of Fracture Management

Online Session: Lecture: On demand (Pre-recording) / SGD: Live

Week 1: December 13-18, 2021 / SGD on Dec. 19

| | Topic | Who |
|---------------|---|--|
| | Module 1: General principles | |
| Pre-recording | introduction video | T Sato |
| Pre-recording | The biology of bone healing | K Matsui |
| Pre-recording | Effect of patient factors and injury mechanism on fracture management | T Suzuki |
| Pre-recording | The soft-tissue injury—a high priority consideration | N Maegawa |
| Pre-recording | The 2018 AO/OTA Fracture and Dislocation Classification Compendium | K Shigemoto |
| | Module 2: Stability and biomechanics of bone healing | |
| Pre-recording | Absolute stability: biomechanics, techniques, and fracture healing | T Maehara |
| Pre-recording | Relative stability: biomechanics, techniques, and fracture healing | M Ito |
| Pre-recording | The use of plates in fracture fixation | K Futamura |
| Pre-recording | Principles of external fixation | Y Oh |
| 10:00 | 11:30 | Small group discussion and Q&A session for Modules 1 & 2 on Dec. 19 |
| | Group A | E Shoda, Y Ueda |
| | Group B | T Matsumura, K Shigemoto |
| | Group C | T Noda, Y Zenke |
| | Group D | H Minehara, T Doi |
| | Group E | A Hanabayashi, K Futamura |
| | Group F | M Kobayashi, T Maehara |
| | Group G | T Miyamoto, M Yorimitsu |
| | Group H | T Sawaguchi, T Fujiyoshi |
| | Group J | N Shiota, N Maegawa |

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Online Session: Lecture: On demand (Pre-recording) / SGD: Live

Week 2: December 25 - January 15, 2022 / SGD on Jan. 16

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| Module 3: Treatment of diaphyseal fractures | | |
| Pre-recording | Principles of diaphyseal fracture management—what is important in treating these fractures? | T Mae |
| Pre-recording | Fractures of the humeral diaphysis | C Terada |
| Pre-recording | Fractures of the femoral diaphysis | T Doi |
| Pre-recording | Fractures of the tibial diaphysis | T Fujiyoshi |
| Pre-recording | Intramedullary nailing—to ream or not to ream? | M Yorimitsu |
| Module 4: Treatment of articular fractures | | |
| Pre-recording | Principles of articular fracture management —how do they differ from diaphyseal fractures? | N Shiota |
| Pre-recording | Tension band and cerclage wiring | Y Zenke |
| Pre-recording | Ankle fractures—a systematic approach to their fixation | T Miyamoto |
| Pre-recording | Introduction to tibial plateau fractures | T Noda |
| Pre-recording | Femoral neck fractures | A Hanabayashi |
| Pre-recording | Trochanteric fractures | H Hayashi |
| 10:00 | 11:30 | Small group discussion and Q&A session for Modules 3 & 4 on Jan. 16 |
| | | Group A |
| | | Group B |
| | | Group C |
| | | Group D |
| | | Group E |
| | | Group F |
| | | Group G |
| | | Group H |
| | | Group J |

AO Trauma Blended Course - Basic Principles of Fracture Management

Online Session: Lecture: On demand (Pre-recording) / SGD: Live

Week 3: January 17-29, 2022 / SGD on Jan. 30

| | | Module 5: Emergency management | |
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| | Pre-recording | Treatment algorithms for the polytrauma patient | Y Ueda |
| | Pre-recording | Emergency management of pelvic fractures | H Minehara |
| | Pre-recording | Radiation hazards | M Kobayashi |
| | | Module 6: Special situations and problems | |
| | Pre-recording | Management of open fractures | T Matsumura |
| | Pre-recording | FRI - how to prevent, diagnose, and manage infections | T Noda |
| | Pre-recording | Fixation principles in osteoporotic bone—the geriatric patient | T Sawaguchi |
| | Pre-recording | Delayed healing | T Sato |
| 10:00 | 11:30 | Small group discussion and Q&A session for Modules 5 & 6 on Jan. 30 | |
| | | Group A | N Shiota, T Fujiyoshi |
| | | Group B | T Miyamoto, Y Oh |
| | | Group C | F Kanaya, M Yorimitsu |
| | | Group D | T Sato, C Terada |
| | | Group E | T Sawaguchi, T Suzuki |
| | | Group F | T Matsumura, Y Ueda |
| | | Group G | H Minehara, K Matsui |
| | | Group H | T Mae, H Hayashi |
| | | Group J | M Kobayashi, K Shigemoto |