

AOSpine Mentorship Scheme Curriculum

Upon completion of the mentorship program the Mentee will have improved competency in:

1. Knowledge of spinal disorders
2. Evidence-based decision making
3. Technical expertise in spinal interventions
4. Communication and teamwork
5. Practice management and health economics
6. Learning, teaching and research
7. Professional practice

Knowledge of spinal disorders *

- a. Explain the clinical features and principles of assessment of spinal disorders in the domains of trauma, degeneration, deformity, tumors, infections, and inflammatory diseases
- b. Describe the indications for surgical interventions and the potential risks and complications

Evidence-based decision making *

- a. Describe the natural history of spinal degeneration and osteoporosis
- b. Explain the importance of the assessment of medical co-morbidities
- c. Review the available literature to support treatment recommendations, both operative and nonoperative

Technical expertise in spinal interventions *

- a. Describe the surgical approaches to the spine from the occiput to the sacrum
- b. Apply the biomechanical principles of spinal instrumentation, reconstruction, and augmentation
- c. Perform spinal surgical interventions that conform with the AOSpine Principles of safe stabilisation, restoration of alignment, protection of neural tissue, and preservation of function

Communication and teamwork

- a. Use effective communication strategies to gather and share information with patients and their families and collaborate with other health care professionals to implement the treatment plan

Practice management and health economics

- a. Manage your roles as an individual healthcare provider, a member of teams in the hospital or practice, and a leader within local, national, and global healthcare systems

Learning, teaching, and research

- a. Commit to lifelong learning, teaching, and mentoring others and to seeking opportunities to expand the knowledge base of spinal healthcare

Professional practice

- a. Ensure the best possible outcomes for patients and communities through ethical behavior and adhering to high standards of practice

* The AOSpine Curriculum can provide more detailed learning objectives should a mentee require this