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Curriculum for specialization in orthopaedics in Sweden

Summary of skills:

1. Medical and surgical skills

2. Communicative skills

- The equal and responsible patient
- Diversity and gender issues
- Interprofessional relations
- Pedagogic abilities
- Professionalism and ethics

3. Leadership skills

- The be a collaborator
- How to supervise and teach colleagues, students, staff and patients
- Leadership and teamwork
- System knowledge
 - Administration
 - Organisation
 - Medicolegal issues
 - Basic business administration

4. Skills in medical science and quality work

- Medical science including basic science
- Evidence based medicine
- Epidemiologi
- Improvement and evidence based quality work
- Public health and prevention

The specific targets (n=20) for training of specific skills are listed below and further described in detail in a separate handbook (not yet translated).

Medical and surgical skills		
Target 1	Methods of Learning	Monitoring
<i>To master basic clinical</i>	Clinical work under	Certificate of clinical duties,

<i>and surgical technique</i>	supervision at a clinic dealing with such conditions	acquired skills and competence, issued by the current supervisor
	Course	Evidence of a passing grade issued by the course leader
	Training in a simulated environment	
	Theoretical studies	
Target 2	Methods of Learning	Monitoring
<i>Knowledge of basic pathophysiology and mastery of basic pain medicine, intensive care and anesthesia relevant for musculoskeletal diseases injuries</i>	Clinical work under supervision at a clinic dealing with such conditions	Certificate of clinical duties, acquired skills and competence, issued by the current supervisor
	Theoretical studies	
Target 3	Methods of Learning	Monitoring
<i>To be capable of initial trauma management</i>	Clinical work under supervision at a clinic dealing with such conditions	Certificate of clinical duties, acquired skills and competence, issued by the current supervisor
	Course	Evidence of a passing grade issued by the course leader
	Diagnostic and treatment conference	
	Theoretical studies	
Target 4	Methods of Learning	Monitoring

<i>To be able to manage orthopaedic trauma, fractures and other acute musculoskeletal conditions</i>	Clinical work under supervision at a clinic dealing with such conditions	Certificate of clinical duties, acquired skills and competence, issued by the current supervisor
	Course	Evidence of a passing grade issued by the course leader
	Diagnostic and treatment conference	
	Theoretical studies	
Target 5	Methods of Learning	Monitoring
<i>To be able to manage musculoskeletal injuries, diseases and pain conditions in children</i>	Clinical work under supervision at a clinic dealing with such conditions	Certificate of clinical duties, acquired skills and competence, issued by the current supervisor
	Course	Evidence of a passing grade issued by the course leader
	Diagnostic and treatment conference	
	Theoretical studies	
Target 6	Methods of Learning	Monitoring
<i>To be able to manage injuries and diseases of the spine including back pain</i>	Clinical work under supervision at a clinic dealing with such conditions	Certificate of clinical duties, acquired skills and competence, issued by the current supervisor
	Course	Evidence of a passing grade issued by the course leader
	Diagnostic and treatment conference	
	Theoretical studies	

Target 7	Methods of Learning	Monitoring
<i>To be able to manage injuries, diseases and pain in the upper limb</i>	Clinical work under supervision at a clinic dealing with such conditions	Certificate of clinical duties, acquired skills and competence, issued by the current supervisor
	Course	Evidence of a passing grade issued by the course leader
	Diagnostic and treatment conference	
	Theoretical studies	
Target 8	Methods of Learning	Monitoring
<i>To be able to manage injuries, diseases and pain in the hip and knee</i>	Clinical work under supervision at a clinic dealing with such conditions	Certificate of clinical duties, acquired skills and competence, issued by the current supervisor
	Course	Evidence of a passing grade issued by the course leader
	Diagnostic and treatment conference	
	Theoretical studies	
Target 9	Methods of Learning	Monitoring
<i>To be able to manage injuries, diseases and pain in the foot and ankle</i>	Clinical work under supervision at a clinic dealing with such conditions	Certificate of clinical duties, acquired skills and competence, issued by the current supervisor
	Course	Evidence of a passing grade issued by the course leader
	Diagnostic and treatment conference	

	Theoretical studies	
Target 10	Methods of Learning	Monitoring
<i>To be capable of initial management of tumors in the musculoskeletal system</i>	Course	Evidence of a passing grade issued by the course leader
	Theoretical studies	
Target 11	Methods of Learning	Monitoring
<i>To be able to manage metabolic and circulatory diseases with orthopedic consequences and to be able to manage musculoskeletal infectious conditions</i>	Clinical work under supervision at a clinic dealing with such conditions	Certificate of clinical duties, acquired skills and competence, issued by the current supervisor
	Course	Evidence of a passing grade issued by the course leader
	Diagnostic and treatment conference	
	Theoretical studies	
Target 12	Methods of Learning	Monitoring
<i>Be able to manage overuse injuries, habilitation, rehabilitation, insurance issues and workmans compensation</i>		
	Clinical work under supervision at a clinic	Certificate of clinical duties, acquired skills and

	dealing with such conditions	competence, issued by the current supervisor
	Course	Evidence of a passing grade issued by the course leader
	Theoretical studies	
Communicative skills		
Target 13	Methods of Learning	Monitoring
<i>To be able to have a dialogue and an open contact with patients and their relatives</i>	Clinical work under supervision at a clinic dealing with such conditions	Certificate of clinical duties, acquired skills and competence, issued by the current supervisor
Target 14	Methods of Learning	Monitoring
<i>To have communicative abilities, in written and oral, with other physicians and collaborators</i>	Clinical work under supervision at a clinic dealing with such conditions	Certificate of clinical duties, acquired skills and competence, issued by the current supervisor
Target 15	Methods of Learning	Monitoring
<i>To have the abilities to inform and teach patients, families, other physicians, collaborators (including health care staff) and students</i>	Clinical work under supervision at a clinic dealing with such conditions	Certificate of clinical duties, acquired skills and competence, issued by the current supervisor
	Course	Evidence of a passing grade issued by the course leader

	Teaching under supervision	
Leadership skills		
Target 16	Methods of Learning	Monitoring
<i>To have ability to supervise other physicians and collaborators (including health care staff) and students</i>	Clinical work under supervision at a clinic dealing with such conditions	Certificate of clinical duties, acquired skills and competence, issued by the current supervisor
	Course	Evidence of a passing grade issued by the course leader
	Supervise under supervision	
Target 17	Methods of Learning	Monitoring
<i>To have abilities in collaborative leadership and dialogue with collaborators (including health care staff) and the entire clinical team</i>	Clinical work under supervision at a clinic dealing with such conditions	Certificate of clinical duties, acquired skills and competence, issued by the current supervisor
	Course	Evidence of a passing grade issued by the course leader
	Clinical teamwork under supervision	
Target 18	Methods of Learning	Monitoring
<i>To have knowledge about healthcare organization, governance and regulations</i>	Course	Evidence of a passing grade issued by the course leader
Expertise in		

medical science and quality work		
Target 19	Methods of Learning	Monitoring
<i>To have the ability to a scientific approach</i>	Course	Evidence of a passing grade issued by the course leader
	Written individual work under supervision according to scientific principles	Certification of approved written individual work issued by the current supervisor
	Participation in larger professional meeting	
Target 20	Methods of Learning	Monitoring
<i>To have knowledge of and expertise in evidence-based improvement and quality work</i>	Quality and development work under supervision	Certification of approved quality and development issued by the current supervisor
	Theoretical studies	