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AFSC 4J0X2/A
PHYSICAL MEDICINE/ORTHOTICS
CAREER FIELD EDUCATION AND TRAINING PLAN

Summary: This change modifies the CFETP Part 1 and II for the 4J0X2/A. The CDC need dates have been updated. In addition, a basic life support (BLS) task has been added to the 4J0X2 STS. BLS is required of students prior to advancing to the clinical portion of the enlisted initial skills course. Lastly, the 4J0X2A Orthotics specific STS has been revised to correct tasks that were mislabeled and to include missing core tasks. This change is effective immediately.

1. Pen and Ink Change:

Item	Page	Task	Action
1	18	Para. 2.7	Change the need dates for the following CDCs: 7-Level CDC, 4J072, need date is 26 Jan 15 5-Level CDC, 4J052A, need date is 1 Jul 15 5-Level CDC, 4J052B, need date is 25 Jan 16
2	26	19 (new)	Add new STS task item "19. Obtain certification in healthcare provider basic life support (BLS) TR: Basic Life Support for Healthcare Providers (AHA)." Add proficiency code "3c" in column 4A.

2. Page Inserts: Remove and replace pages.

Item	Pages	Heading	Action
1	27 - 30	Attachment 3 Orthotics Specific STS	Replace

3. After necessary action, file this sheet in the back of the CFETP.

BY ORDER OF THE SECRETARY OF THE AIR FORCE

OFFICIAL

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Surgeon General

Attachment:
Attachment 3 Orthotics Specific STS

Attachment 3
Orthotic Specific STS

1. Tasks, Knowledge And Technical References	2. Core Tasks	3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided		
		A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
		Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	CDC
1. Orthotic Career Field TR: AFI 36-2101, 36-2306, 36-2201; CCAF Catalog; and AFECED.									
1.1. Duties and career ladder progression							A	-	-
1.2. Relationship of this field to other professional services							A	-	-
1.3. The Code of Ethics as promulgated by the Federal Trade Commission and Certifying agencies							A	-	-
2. Treatment of Pathophysiological Conditions TR: Orthotics: A Comprehensive Clinical Approach; AAOS Atlas of orthoses and Assistive Devices									
2.1. Illnesses and injuries							B	-	-
2.2. Type of orthoses used with orthopedic conditions							B	-	-
2.3. Orthotic terminology							B	-	-
3. Orthotic Laboratory TR: AFI 91-302, AFOSHSTD 48-20									
3.1. Materials							B	-	-
3.2. Equipment							B	-	-
3.3. Tools							B	-	-
3.4. Air Force Occupational Safety and Health (AFOSH) safety standards							B	-	-
4. General Orthotic Laboratory Tasks TR: Orthotics: A Comprehensive Clinical Approach; AAOS Atlas of orthoses and Assistive Devices									
4.1. Perform molding procedures	*						-	-	-
4.1.1. Negative molds	*						2b	-	-
4.1.2. Positive molds	*						2b	-	-
4.2. Mold thermoplastic	*						2b	-	-
4.3. Shape metals	*						2b	-	-
4.4. Work leather	*						2b	-	-
4.5. Apply construction specifications							-	-	-
4.5.1. Sketches/tracings	*						2b	-	-
4.5.2. Impressions	*						2b	-	-
4.5.3. Patterns	*						2b	-	-
4.6. Prescription interpretation	*						B	-	-
4.7. Operate equipment							-	-	-
4.7.1. Drill press	*						2b	-	-
4.7.2. Sander	*						2b	-	-
4.7.3. Band saw	*						2b	-	-
4.7.4. Sewing machine	*						2b	-	-
4.7.5. Oven	*						2b	-	-
4.8. Maintain equipment							-	-	-
4.8.1. Drill press	*						2b	-	-

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		Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	CDC
4.8.2. Sander	*						2b	-	-
4.8.3. Band saw	*						2b	-	-
4.8.4. Sewing machine	*						2b	-	-
4.8.5. Oven	*						2b	-	-
4.9. Use Hand tools	*						2b	-	-
4.10. Use Computer-Aided Design and Computer-Aided Manufacturing (CAD/CAM) CNC Router							1a	-	-
5. Fabricate Upper Extremity Orthoses to Patient Model TR: Orthotics: A Comprehensive Clinical Approach; AAOS Atlas of Orthoses and Assistive Devices									
5.1. Tennis Elbow Straps	*						2b	-	-
5.2. Arm slings	*						2b	-	-
5.3. Wrist supports							-	-	-
5.3.1. Forearm-Wrist Gauntlet, plastic	*						2b	-	-
5.3.2. Wrist Cock-Up Splint (WCUS), plastic	*						2b	-	-
5.4. Humerus Orthoses							2b	-	-
5.5. Shoulder immobilizer							2b	-	-
5.6. Fit patient	*						2b	-	-
5.7. Instruct patient	*						2b	-	-
6. Fabricate Lower Extremity Orthotics to Patient Model TR: Orthotics: A Comprehensive Clinical Approach; AAOS Atlas of Orthoses and Assistive Devices									
6.1. Knee-Ankle-Foot Orthoses (KAFO)							-	-	-
6.1.1. Plastic	*						2b	-	-
6.1.2. Metal	*						2b	-	-
6.2. Ankle-Foot Orthoses (AFO)							-	-	-
6.2.1. Plastic	*						2b	-	-
6.2.2. Metal	*						2b	-	-
6.3. Patellar Tendon Bearing (PTB) Orthoses							-	-	-
6.4. Posterior lower extremity night splint							2b	-	-
6.5. Hip Abduction Orthoses							-	-	-
6.5.1. Plastic							-	-	-
6.5.2. Metal							-	-	-
6.6. Fit patient	*						2b	-	-
6.7. Instruct patient	*						2b	-	-
7. Spinal Orthotics TR: Orthotics: A Comprehensive Clinical Approach; AAOS Atlas of Orthoses and Assistive Devices									
7.1. Fabricate Spinal Orthotics	*						2b	-	-
7.1.1. Thoraco-Lumbar-Sacral Orthosis (TLSO)							2b	-	-
7.1.2. Lumbar-Sacral Orthosis (LSO)							2b	-	-

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7.1.3. Fit Patient	*						2b	-	-
7.1.4. Instruct Patient	*						2b	-	-
7.2. Scoliosis Module							B	-	-
8. Fit Patient on Soft Goods (Prefabricated) TR: Orthotics: A Comprehensive Clinical Approach; AAOS Atlas of Orthoses and Assistive Devices									
8.1. Knee supports (neoprene/elastic)							-	-	-
8.1.1. Hinged knee	*						3b	-	-
8.1.2. Sleeve	*						3b	-	-
8.1.2.1. Without patella	*						3b	-	-
8.1.2.2. With patella	*						3b	-	-
8.2. Knee Orthoses							-	-	-
8.2.1. Anterior Cruciate Ligament (ACL)	*						2b	-	-
8.2.2. Posterior Cruciate Ligament (PCL)							2b	-	-
8.2.3. Lateral Collateral Ligament							2b	-	-
8.2.4. Medial Collateral Ligament							2b	-	-
8.2.5. Range of motion	*						3b	-	-
8.2.6. Immobilizer	*						2b	-	-
8.2.7. Osteoarthritis	*						2b	-	-
8.3. Hip Orthoses							-	-	-
8.3.1. Pavlik harness	*						2b	-	-
8.3.2. Hip-Knee-Ankle-Foot Orthosis (HKAFO)							2b	-	-
8.3.2.1. Plastic							2b	-	-
8.3.2.2. Metal							2b	-	-
8.4. Cervical systems							-	-	-
8.4.1. Soft	*						3b	-	-
8.4.2. Hard	*						3b	-	-
8.4.3. Sternal Occipital Mandibular Immobilizer (S.O.M.I.)							3b	-	-
8.5. Thoracolumbar systems							-	-	-
8.5.1. Lumbosacral (LS) supports							2b	-	-
8.5.1.1. Soft	*						2b	-	-
8.5.1.2. Rigid	*						2b	-	-
8.5.2. Abdominal binder							2b	-	-
8.5.3. Hyperextension							2b	-	-
8.5.3.1. Jewett							2b	-	-
8.5.3.2. Cash							2b	-	-
8.5.4. TLSO							2b	-	-
8.6. Foot orthotics	*						3b	-	-
8.7. Ankle supports							-	-	-
8.7.1. Walkers fixed	*						3b	-	-
8.7.2. Walkers articulated									
8.7.3. Lace-up	*						2b	-	-
8.7.4. Stirrup	*						2b	-	-
8.8. Wrist splints							-	-	-

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8.8.1. Cock-up	*						2b	-	-
8.8.2. Thumb spica							-	-	-
8.9. Denis Browne bars							-	-	-
8.10. Clavicular straps							2b	-	-
8.11. Instruct patient	*						2b	-	-
9. Fabricate Custom Foot Orthotics to Patient Model TR: Orthotics: A Comprehensive Clinical Approach; AAOS Atlas of orthoses and Assistive Devices; AFI 23-211									
9.1. Materials							-	-	-
9.1.1. Plastics	*						2b	-	-
9.1.2. Thermocork	*						2b	-	-
9.1.3. Ethylene Vinyl Acetate (EVA)	*						2b	-	-
9.1.4. Carbon Fiber							-	-	-
9.2. Types							-	-	-
9.2.1. Diabetic	*						2b	-	-
9.2.2. Toe Filler							2b	-	-
9.2.3. Mortons Extension	*						2b	-	-
9.2.4. Schaffer plate	*						2b	-	-
9.2.5. University of California Biomechanics Laboratory (UCBL) orthoses	*						2b	-	-
9.3. Fit patient	*						2b	-	-
9.4. Instruct patient	*						2b	-	-
10. Custom Orthopedic Footwear TR: Orthotics: A Comprehensive Clinical Approach; AAOS Atlas of orthoses and Assistive Devices								-	-
10.1. Modify shoes for orthopedic corrections							-	-	-
10.1.1. Internal							2b	-	-
10.1.2. External	*						2b	-	-
10.2. Measure patient							2b	-	-
10.3. Fit patient	*						2b	-	-
10.4. Instruct patient	*						2b	-	-