This elective is open to interns for 2 or 4 week rotations. The purpose of this elective is to provide exposure to children with common sports related disorders. The resident must contact Dr. Holly Benjamin before the beginning of the rotation to discuss specific expectations and schedules.

Residents are required to attend and be active participants in all required clinics in the DCAM and the student care center; to promptly evaluate patients and present to the attendings with their assessment and plans. The residents are expected to also work with physical therapists, cast technicians, athletic trainers and orthopedic surgeons to enhance this experience.

Rarely, residents are required to complete consultations on hospitalized patients thoroughly so that they are prepared to present and discuss the patients on rounds with the attending. Residents are required to follow the consult patients and communicate recommendations to the inpatient team.

A. Patient Care:

1. Demonstrate physical diagnosis skills related to the musculoskeletal system
2. Gather accurate, essential information from all sources, including medical interviews, physical examinations, medical records and diagnostic/therapeutic procedures
3. Make informed recommendations about preventive, diagnostic and therapeutic options and interventions that are based on clinical judgment, scientific evidence, and patient preference
4. Develop, negotiate and implement effective patient management plans
5. Direct therapeutic interventions of OT’s/ PT’s/ athletic trainers as needed

B. Medical Knowledge:

1. Review the basic anatomy of the musculoskeletal exam
2. Recognize the common sports injuries in children and adolescents and describe the process to diagnose them properly
3. Identify the indications for imaging in the management of sports injury
4. Recognize when and when not to refer a child to a musculoskeletal disease/sports medicine specialist and when to refer an injury for surgical intervention
5. Review the topics listed and be prepared to discuss the following topics:
   a) “Clearance” after injury to play sports (limb, joint, eye, head)
   b) Stress fractures
   c) Osgood-Schlatter disease
   d) Guidelines for children with Down Syndrome and sports
   e) Guidelines for children with seizures and sports
   f) Symptoms of heat related illness
   g) Weight gain and loss in athletics
   h) Performance enhancing drugs

C. Practice-Based Learning and Improvement:

1. Reflect on your own performance, identify gaps in your knowledge sports medicine and target those gaps with self-directed learning
2. Demonstrate a willingness to learn from errors and use errors to improve the system or processes
Sports Medicine Elective
PL-1 Residents

Educational Goals and Objectives

D. Interpersonal and Communication Skills:

1. Provide effective and professional consultation to other physicians and health care professionals and sustain therapeutic and ethically sound professional relationships with patients, their families, and colleagues
2. Use effective listening, questioning, and narrative skills to communicate with patients and families
3. Interact with referring physicians in a respectful, appropriate manner
4. Demonstrate the ability to give age appropriate guidance including discussions of health promotion and injury prevention to patients and their families as it relates to participation in sports activities

E. Professionalism:

1. Act in the best interest of their patients
2. Demonstrate respect, compassion, integrity, and altruism in relationships with patients, families, and colleagues
3. Be punctual and reliable
4. Demonstrate sensitivity and responsiveness to the gender, age, culture, religion, sexual preference, socioeconomic status, beliefs, behaviors and disabilities of patients and professional colleagues
5. Adhere to principles of confidentiality/scientific/academic integrity
6. Complete evaluations of faculty and staff in a timely manner

F. Systems-Based Practice:

1. Advocate for patients in the complex health care system
2. Describe the limitations and opportunities inherent in various practice types and delivery systems
3. Apply evidence-based, cost-conscious strategies to prevention, diagnosis and disease management
4. Collaborate with other members of the health care team to assist patients in dealing effectively with complex systems and to improve systematic processes of care
5. Identify the community resources available to children with special needs
6. Participate actively and regularly in case conferences and care plans that entrace other disciplines (e.g., OT, PT, AT)
7. Demonstrate a working knowledge of billing and coding and documentation requirements as supportive information
This elective is open to residents for 2 or 4 week rotations. The purpose of this elective is to provide exposure to children with common sports related disorders. The resident must contact Dr. Holly Benjamin before the beginning of the rotation to discuss specific expectations and schedules.

Residents are required to attend and be active participants in all required clinics in the DCAM and the student care center; to promptly evaluate patients and present to the attendings with their assessment and plans. The residents are expected to also work with physical therapists, cast technicians, athletic trainers and orthopedic surgeons to enhance this experience.

Rarely, residents are required to complete consultations on hospitalized patients thoroughly so that they are prepared to present and discuss the patients on rounds with the attending. Residents are required to follow the consult patients and communicate recommendations to the inpatient team.

A. Patient Care:

1. Demonstrate physical diagnosis skills related to the musculoskeletal system
2. Gather accurate, essential information from all sources, including medical interviews, physical examinations, medical records and diagnostic/therapeutic procedures
3. Make informed recommendations about preventive, diagnostic and therapeutic options and interventions that are based on clinical judgment, scientific evidence, and patient preference
4. Develop, negotiate and implement effective patient management plans
5. Direct therapeutic interventions of OT's/PT's/athletic trainers as needed

B. Medical Knowledge:

1. Review the basic anatomy of the musculoskeletal exam
2. Recognize the common sports injuries in children and adolescents and describe the process to diagnose them properly
3. Identify the indications for imaging in the management of sports injury
4. Recognize when and when not to refer a child to a musculoskeletal disease/sports medicine specialist and when to refer an injury for surgical intervention
5. Review the American Academy of Pediatrics Guidelines for Sports Participation for children with various medical conditions
6. Review the topics listed and be prepared to discuss the following topics:
   a) “Clearance” after injury to play sports (limb, joint, eye, head)
   b) Stress fractures
   c) Osgood-Schlatter disease
   d) Guidelines for children with Down Syndrome and sports
   e) Guidelines for children with seizures and sports
   f) Symptoms of heat related illness
   g) Weight gain and loss in athletics
   h) Performance enhancing drugs

C. Practice-Based Learning and Improvement:

1. Reflect on your own performance, identify gaps in your knowledge sports medicine and target
those gaps with self-directed learning.

2. Demonstrate a willingness to learn from errors and use errors to improve the system or processes of care.

3. Use information technology or other available methodologies to access and manage information, support patient care decisions and enhance both patient and physician education.

4. Provide, request and accept feedback and incorporate that feedback into better practice.

D. Interpersonal and Communication Skills:

1. Provide effective and professional consultation to other physicians and health care professionals and sustain therapeutic and ethically sound professional relationships with patients, their families, and colleagues.

2. Use effective listening, questioning, and narrative skills to communicate with patients and families.

3. Interact with referring physicians in a respectful, appropriate manner.

4. Demonstrate the ability to give age appropriate guidance including discussions of health promotion and injury prevention to patients and their families as it relates to participation in sports activities.

5. Interact with consultants in a respectful and appropriate manner.

6. Maintain comprehensive, timely, and legible medical records.

7. Complete evaluations of the attending, staff and rotation.

8. Compassionately communicate difficult information to parents.

E. Professionalism:

1. Act in the best interest of their patients.

2. Demonstrate respect, compassion, integrity, and altruism in relationships with patients, families, and colleagues.

3. Be punctual and reliable.

4. Demonstrate sensitivity and responsiveness to the gender, age, culture, religion, sexual preference, socioeconomic status, beliefs, behaviors and disabilities of patients and professional colleagues.

5. Adhere to principles of confidentiality/scientific/academic integrity.

F. Systems-Based Practice:

1. Advocate for patients in the complex health care system.

2. Describe the limitations and opportunities inherent in various practice types and delivery systems.

3. Apply evidence-based, cost-conscious strategies to prevention, diagnosis and disease management.

4. Collaborate with other members of the health care team to assist patients in dealing effectively with complex systems and to improve systematic processes of care.

5. Identify the community resources available to children with special needs.

6. Participate actively and regularly in case conferences and care plans that entrance other disciplines (e.g., OT, PT, AT).

7. Demonstrate a working knowledge of billing and coding and documentation requirements as supportive information.
Sports Medicine Elective
PL-3/4 Residents

This elective is open to residents for 2 or 4 week rotations. The purpose of this elective is to provide exposure to children with common sports related disorders. The resident must contact Dr. Holly Benjamin before the beginning of the rotation to discuss specific expectations and schedules.

Residents are required to attend and be active participants in all required clinics in the DCAM and the student care center; to promptly evaluate patients and present to the attendings with their assessment and plans. The residents are expected to also work with physical therapists, cast technicians, athletic trainers and orthopedic surgeons to enhance this experience.

Rarely, residents are required to complete consultations on hospitalized patients thoroughly so that they are prepared to present and discuss the patients on rounds with the attending. Residents are required to follow the consult patients and communicate recommendations to the inpatient team.

A. Patient Care:

1. Demonstrate physical diagnosis skills related to the musculoskeletal system
2. Gather accurate, essential information from all sources, including medical interviews, physical examinations, medical records and diagnostic/therapeutic procedures
3. Make informed recommendations about preventive, diagnostic and therapeutic options and interventions that are based on clinical judgment, scientific evidence, and patient preference
4. Develop, negotiate and implement effective patient management plans
5. Direct therapeutic interventions of OT’s/ PT’s/ athletic trainers as needed

B. Medical Knowledge:

1. Review the basic anatomy of the musculoskeletal exam
2. Recognize the common sports injuries in children and adolescents and describe the process to diagnose them properly
3. Identify the indications for imaging in the management of sports injury
4. Recognize when and when not to refer a child to a musculoskeletal disease/sports medicine specialist and when to refer an injury for surgical intervention
5. Review the topics listed and be prepared to discuss the following topics:
   a) “Clearance” after injury to play sports (limb, joint, eye, head)
   b) Stress fractures
   c) Osgood-Schlatter disease
   d) Guidelines for children with Down Syndrome and sports
   e) Guidelines for children with seizures and sports
   f) Symptoms of heat related illness
   g) Weight gain and loss in athletics
   h) Performance enhancing drugs

C. Practice-Based Learning and Improvement:

1. Reflect on your own performance, identify gaps in your knowledge sports medicine and target those gaps with self-directed learning
2. Demonstrate a willingness to learn from errors and use errors to improve the system or processes
of care
3. Use information technology or other available methodologies to access and manage information, support patient care decisions and enhance both patient and physician education
4. Provide, request and accept feedback and incorporate that feedback into better practice

D. Interpersonal and Communication Skills:

1. Provide effective and professional consultation to other physicians and health care professionals and sustain therapeutic and ethically sound professional relationships with patients, their families, and colleagues
2. Use effective listening, questioning, and narrative skills to communicate with patients and families
3. Interact with referring physicians in a respectful, appropriate manner
4. Demonstrate the ability to give age appropriate guidance including discussions of health promotion and injury prevention to patients and their families as it relates to participation in sports activities

E. Professionalism:

1. Act in the best interest of their patients
2. Demonstrate respect, compassion, integrity, and altruism in relationships with patients, families, and colleagues
3. Be punctual and reliable
4. Demonstrate sensitivity and responsiveness to the gender, age, culture, religion, sexual preference, socioeconomic status, beliefs, behaviors and disabilities of patients and professional colleagues
5. Adhere to principles of confidentiality/scientific/academic integrity
6. Complete evaluations of faculty and staff in a timely manner

F. Systems-Based Practice:

1. Advocate for patients in the complex health care system
2. Describe the limitations and opportunities inherent in various practice types and delivery systems
3. Apply evidence-based, cost-conscious strategies to prevention, diagnosis and disease management
4. Collaborate with other members of the health care team to assist patients in dealing effectively with complex systems and to improve systematic processes of care
5. Identify the community resources available to children with special needs
6. Participate actively and regularly in case conferences and care plans that entrance other disciplines (e.g., OT, PT, AT)
7. Demonstrate a working knowledge of billing and coding and documentation requirements as supportive information