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| **Course** | **Foundations of Acute Pain Management** | | | |  | **Techniques of Acute Pain Management** |  | **Acute Pain Management Education, Business and Evidence Based Practice** | | | | |  | |  | |
| **Unit** | **Orientation** | **Non-Allopathic Principles**  **Of Acute Pain**  **Management** | **Physiology of Pain**  **Neurologic Assessment and Evaluation of Pain** | **Pharmacology of Acute Pain Management** | **Break**  **(2 weeks)** | **Techniques of Acute Pain Management** | **Break**  **(3 weeks)** | **Research and Enhanced Recovery After Surgery** | **Adult Pedagogy for the Acute Pain Mentor** | **Sub-Specialty Topics in Acute Pain Management** | **Business Aspects of Acute Pain Management** | **Break**  **(3 weeks)** | | **Graduation: January 7, 2019** | |
| **Module** | **Fellowship**  **Orientation**  Dr. Johnson | **Spiritual and Cultural Dimensions of Acute Pain**  (0.5 week)  Dr. Vollman | **Microanatomy and Functional NeuroAnatomy**  **Aberrant Anatomy**  (2 weeks)  Dr. Halle | **Pharmacogenetics, Dynamics, and Kinetics of Acute Pain Management**  (1 week)  Dr. Riddle |  | **Ultrasound Physics**  (1 week)  Dr. Falyar |  | **Evidenced-Based Acute Pain Management**  (2 weeks)  Dr. Furstein | **Principles of Adult Educat**i**on**  (1 week)  Dr. Krau | **Pediatric Regional Anesthesia**  (2 weeks)  Dr. Furstein | **Public Policy**  (1 week)  Dr. Hulin |  | |
|  | **Legal, Ethical, & Professional Issues in Management of Acute Pain**  (1 week)  Dr. Spiegel | **Psychological Impact and Neurocognitive Therapeutic Strategies of Pain Management**  (0.5 week)  Dr. Fosam | **Pathophysiology of Acute Pain**  (2 weeks)  Dr. Marchand | **Local Anesthetics and Lipids**  (1 week)  Meyer |  | **Neuraxial Techniques**  **Spinal/Epidural**  (2 weeks)  Dr. Johnson  **Introduction to Regional Blocks**  Edwards, Dollar |  | **Research Topics in Acute Pain Management**  (2 weeks)  Dr. Furstein | **Advanced Mentoring Skills**  (1 week)  Dr. Overstreet | **Nonsurgical Acute Pain Management**  (1 week)  Dr. Johnson | **Foundation of Initiating an Acute Pain Service**  (1 week)  Goodwin |  | |
|  |  | **Non-Allopathic Considerations for Acute Pain Management**  (1 week)  Dr. Fosam | **Clinical Assessment of Pain**  (1 week)  Dr. Merchant | **Multimodal Analgesia**  (1 week)  Dr Silvestro |  | **Upper Extremity**  (3 weeks)  Dollar, Parrish, Edwards, Moss, Johnson, Gaskin |  | **ERAS Protocols**  (1 week)  Dr. Johnson |  | **Acute Pain Management in the Chronic Pain/Substance Abuse Patient**  (1 week)  Dr. Aultman, Dr. Schirle | **Business Fundamentals in Acute Pain Management**  (2 weeks)  MacKinnon |  | |
|  |  |  | **Neuromuscular Assessment and Evaluation of Upper and Lower Extremities**  (2 weeks)  Dr. Williams | **Opioids**  (1 week)  Dr Silvestro |  | **Truncal**  (3 weeks)  Moss, Dollar, Parrish, Edwards, Motler, Urigel, Martin |  |  |  |  |  |  | |
|  |  |  |  | **Anticoagulants Interactions in Regional Anesthesia**  (1 week)  Dr. Johnson |  | **Lower Extremity**  (3 weeks)  Falyar, Johnson, Moss, Nash, Crosslin, Edwards, Farmer |  |  |  |  |  |  | |
|  |  |  |  |  |  | **Perineural Catheter Indications, Techniques, and Equipment.**  (1 week)  Parrish, Moss, Johnson, Gaskin, Dollar, Edwards |  |  |  |  |  |  | |
|  |  |  |  |  |  | **Diagnosis and Management of Complication of Regional Anesthesia**  (2 weeks)  Dr.Johnson |  |  |  |  |  |  | |
|  | 1 week | 2 weeks | 7 weeks | 5 weeks | Summative Evaluation #1 | 15 weeks | Summative Evaluation #2 | 5 weeks | 2 weeks | 4 weeks | 4 weeks  Summative Evaluation #3 |  | |
|  | **Spring Semester** | | | |  | **Summer Semester** |  | **Fall Semester** | | | | |  | |  | |

**Cadaver Experience to be scheduled during the third course.**