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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 weeksSummative Evaluation #3 |  |
|  | **Spring Semester**  |  | **Summer Semester** |  | **Fall Semester** |  |  |

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