# Cone Health PGY2 Critical Care Program Structure

| Month | Learning Experience | Duration | Comments |
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| July Required Experience | Orientation/TPN Training | 4 weeks | To include:<br>Health System Orientation/ ACLS certification if not active<br>RPD Training Program Specifics<br>EMR Computer Training & Operational Training<br>Drug Management Protocol & Clinical Staffing Training<br>TPN-focused Protocol Training - didactic and hands-on |
| August-November Required Experiences | Medical Intensive Care I<br>Neuro Intensive Care OR Trauma Intensive Care<br>Emergency Medicine and Toxicology<br>Cardiovascular Intensive Care | 4 weeks<br>4 weeks<br>4 weeks<br>4 weeks | *Not order specific |
| December Required Experience | Focused Month for Longitudinal LED: Research Project Management and Teaching Experiences – requirements detailed in LED | 4 weeks focused portion of longitudinal | |
| January-April Required Experiences | Neuro Intensive Care OR Trauma Intensive Care<br>Infectious Diseases<br>Medical Intensive Care II<br>Advanced Nutrition | 4 weeks<br>4 weeks<br>4 weeks<br>4 weeks | *Not order specific<br><br>Winter/Spring: 1 National and 1 Local Meeting attendance (Presentation required at one) |
| May-June Elective Experiences x2 | Options include:<br>Emergency Medicine Administrative Elective<br>Interventional/Advanced Cardiovascular Surgery<br>Neonatal Intensive Care<br>Pediatric Critical Care*<br>Palliative Care Consult Service<br>Heme-Onc Elective** | 2-4 weeks | Elective rotations may be adjusted as the resident year progresses, and career path goals are updated. Other options can be tailored to resident interest based on program structure availability.<br>*Includes both PICU and Pediatric ED for more robust patient care experience<br>**Focuses on critical care of immunocompromised patient populations |
| **Longitudinal Experiences** | | | |
| Advanced Pharmacy Practice Management | Clinical decentralized staffing- ICU focused<br><br>Act as one of the pharmacy liaisons to Critical Care Committee (meets quarterly)<br><br>Develop and present a quality improvement project at a P&T committee OR Critical Care/CQI committee meeting<br><br>Participate in the Critical Care Pharmacy CQI team (meets on demand) and Critical Care Interprofessional Development Seminar (monthly)*<br><br>Complete and review ICU medication safety event reports.<br><br>Code Blue Response – carry pager while working | Jul-June | Weekend staffing details: every 3rd weekend with a compensatory day off (either Friday OR Monday before OR after weekend). Training weekends may occur more frequently until completed. Weekend shift times: day shift from 7-3:30pm; however, there is the option to switch from day to evening shift clinical weekend staffing experience (2:30-11pm) for the last few assigned weekends of the residency year based on resident skill set and aspiration.<br><br>*Critical Care Interprofessional Development Seminar: Pharmacy leads quarterly<br><br>ICU Medication safety reviews (classified as C and above)- at least 2 reviews to be presented at Critical Care Pharmacy CQI meeting as needed.<br><br>Code Blue details: First quarter as learner; remainder as a lead responder, during working hours only, and evaluated quarterly |
| Research Project Management and Teaching Experiences | Dedicated 4-week focused project time – December and remainder longitudinal<br><br>Design, execute, report flipped research project: Project A and Project B. Write one manuscript for publication.<br><br>Complete an MUE.<br><br>Complete an Evidenced Based Medicine (EBM) topic presentation<br><br>Present a lecture for High Point University (HPU) School of Pharmacy- Pharmacotherapy Course Critical Care section.<br><br>Present a Moses Cone ACPE seminar. | Jul- Jun | Separate schedule provided by RPD for research project timeline.<br><br>External presentation required at either national or local meeting. Internal presentations based on deliverables.<br><br>MUE results must be presented to appropriate committee(s). Resident to select in orientation month. The timeline provided well in advance.<br><br>Part of our EBM series: allows residents to receive early feedback and learn presentation skills to utilize for the remainder of the year.<br><br>HPU Lecture required in spring of residency year.<br>An optional teaching certificate program is offered.<br><br>ACPE seminar: occur in fall/winter of residency year. Topics provided in orientation and vetted through our |

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| | **Precept PGY1 pharmacy residents and/or APPE student(s).**<br><br>**Educate Critical Care team members (Pharmacists, RNs, MDs/APPs) through In-services/Newsletter and/or Journal clubs completed quarterly** | | **EBM/CE organizers. Timeline and presentation date provided in advance.**<br><br>**Formal precepting experience will occur and be evaluated in MICU II LED; others as schedules align.**<br><br>**Educations to be performed quarterly (4 total for year).** |