

## Block Diagram Tips and Recommendations

### Review Committee for Emergency Medicine

When evaluating a program, it is important that the Review Committee to understand how the program's curriculum is arranged and how it meets the curricular requirements as demonstrated by the block diagram. The block diagram should provide information on the type, location, rotation length, and variety of rotations for each year of the educational program.

#### The block diagram:

- is not the resident's call schedule.
- should not include individual resident names.
- should not reflect blocks specifically assigned to vacation.

The following information is provided to help programs clearly document their curriculum on the block diagram.

#### Recommended Method of Entry

1. Enter all emergency medicine blocks first.
2. Enter all pediatric blocks second (start with the pediatric emergency medicine rotation if one exists).
3. Enter critical care rotations third (start with the pediatric intensive care unit (PICU) rotation if that exists for academic year being represented).
4. Enter all other rotations last.

Calculate the percentage of emergency medicine rotations, which should be greater than 60 percent (requirement 4.11.e.). Remember that emergency ultrasound can count toward the 60-percent requirement, but *emergency medical services does not*. Note:

- Number of emergency medicine blocks: 26
- Percentage of emergency medicine rotations: 67 percent

If the number of pediatric rotations (requirement 4.11.c.) is less than five blocks, use the longitudinal pediatric conversion calculation:

- Multiply the number of general emergency department months or four-week blocks by the percentage of pediatric patients.
  - For example, if 15 percent of patients are pediatric and the resident spends 20 months in the emergency department ( $20 \text{ months} \times .15 = 3$  or the equivalent of three months), the resident would need two additional months of dedicated pediatric experiences). For this example, Site 1 has a pediatric volume of 15 percent.

Four pediatric blocks per Schedule +  $23 \times 0.15 = 3.45$  longitudinal pediatric blocks = 7.45 total months of pediatric experience

Answer the following questions related to the critical care experience (requirement 4.11.b.):

- Are the critical care rotations occurring in a critical care unit (e.g., medical intensive care unit (MICU), intensive care unit (ICU), surgical intensive care unit (SICU))?
- Are there four months of dedicated critical care experiences, including critical care of infants and children (PICU, neonatal intensive care unit (NICU))?
- Do at least two of these months occur at the PGY-2 level or above?

**General Tips:**

- Split months can be challenging to count. Unless otherwise indicated, a 50/50 split is assumed.
- Critical care rotations must occur in critical care units, not in the emergency department.
- Ensure that the site # corresponds to the numbering of the participating sites.
- Be sure there is a key at the bottom of the diagram to define abbreviations and any other relevant explanations/clarifications.

## PGY-1

|               |     |     |     |     |     |     |     |     |      |        |     |     |       |
|---------------|-----|-----|-----|-----|-----|-----|-----|-----|------|--------|-----|-----|-------|
| Block         | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9    | 10     | 11  | 12  | 13    |
| Site #        | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 3   | 3    | 4      | 1   | 1   | 1     |
| Rotation Name | EM  | EM  | EM  | EM  | EM  | EM  | EM  | PEM | PICU | Trauma | ICU | EMS | Cards |
| % Training    | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100  | 100    | 100 | 100 | 100   |
| % Research    |     |     |     |     |     |     |     |     |      |        |     |     |       |

## PGY-2

|               |     |     |     |     |     |     |     |     |     |      |      |               |       |
|---------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|---------------|-------|
| Block         | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10   | 11   | 12            | 13    |
| Site #        | 1   | 1   | 1   | 1   | 1   | 2   | 2   | 1   | 3   | 1    | 1    | 2             | 1     |
| Rotation Name | EM  | EM  | EM  | EM  | EM  | EM  | EM  | EM  | PEM | MICU | SICU | ENT/<br>Ophth | Elect |
| % Training    | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100  | 100  | 50/50         | 100   |
| % Research    |     |     |     |     |     |     |     |     |     |      |      |               |       |

## PGY-3

|               |     |     |     |     |     |     |     |     |     |      |       |       |       |
|---------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-------|-------|-------|
| Block         | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10   | 11    | 12    | 13    |
| Site #        | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 3   | 1    | 1     | 1     | 1     |
| Rotation Name | EM  | EM  | EM  | EM  | EM  | EM  | EM  | EM  | PEM | MICU | Ortho | Elect | Admin |
| % Training    | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100  | 100   | 100   | 100   |
| % Research    |     |     |     |     |     |     |     |     |     |      |       |       |       |

**Elective Options: Emergency Medicine, Ultrasound, Anesthesia, Palliative Care, Research electives**

**Key:**

|                                         |                                                 |
|-----------------------------------------|-------------------------------------------------|
| <b>Admin = Administrative Duties</b>    | <b>ENT/Ophth = Otolaryngology/Ophthalmology</b> |
| <b>Cards = Cardiology</b>               | <b>MICU = Medical Intensive Care Unit</b>       |
| <b>EM = Emergency Medicine</b>          | <b>PEM = Pediatric Emergency Medicine</b>       |
| <b>Elect = Elective</b>                 | <b>Ortho = Orthopaedic Surgery</b>              |
| <b>EMS = Emergency Medical Services</b> | <b>SICU = Surgical Intensive Care Unit</b>      |