

**The overall structure of the course:**

| Educational ward, unit, or area | Content  | Duration (month)                         |
|---------------------------------|--|--|
| In-patient                      | Visiting hospitalized patients HSCT and post HSCT units, performing diagnostic therapeutic procedures at the bedside, and other measures in accordance with organized programs of the ward   | Every day during the course              |
| Clinic                          | Outpatient visit- triage and make a decision for transplant candidates and select a suitable donor, make the necessary assessments before transplantation, filing medical records, and hospitalizing patients- following up the expert consultations given to the patients, performing outpatient procedures, responding to expert consultations requested, and other measures in accordance with programs of the ward | 4 days a week during the course          |
| Operating/ procedure Room       | Participate in related procedures by observing assisting or performing independently according to the program organized by the ward  | At least 2 days a week during the course |

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|--|--|--------------------|
| Multi-disciplinary Committee                                     | Confirmation of the indications and choose the appropriate treatment method  | Once every 2 weeks |
| Rotation course(1): HLA Typing Clinic and Laboratory             | Choosing the best suitable donor for transplantation based on the patient's condition.   | During the course  |
| Rotation course(2): Transplant laboratory                        | Learning about specific transplantation tests including chimerism and cytogenetic assay, their uses as well as the limitations of each method                                      | During the course  |
| Rotation course(3): Apheresis unit and umbilical cord blood bank | the experience with the types of cell separation devices and their application in different situation, learning the principles of collection and storage process of umbilical cord | During the course  |
| Research area  | Attendance at related research centers   | During the course  |