*… Unifying neonatal nurses globally*

**Neonatal Clinical Setting Assessment Tool**

1. Name of the Health Facility: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. Type of Unit (NICU, SCN, PICU, other): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. Total Bed/cot/incubator capacity: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
4. Bed occupancy for the last month: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Year \_\_\_\_\_\_\_\_\_\_\_\_\_

Sections/Departments

|  |  |
| --- | --- |
| Section | Beds/Cot/Incubator Capacity |
| Special Care Unit |  |
| Intensive Care Unit |  |
| Kangaroo Mother Unit |  |
| Infectious Disease Unit |  |

Human Resources

|  |  |  |
| --- | --- | --- |
| Cadre | Number of Staff | Years of clinical experience |
|  |  | SCU | NCU/NICU | KMC |
| Neonatal Nurses |  |  |  |  |
| Pediatric Nurses |  |  |  |  |
| Midwives |  |  |  |  |
| Advanced Degree Midwives |  |  |  |  |
| Staff Nurses |  |  |  |  |
| Head Nurse |  |  |  |  |
| Clinical Educator |  |  |  |  |
| Neonatologist |  |  |  |  |
| Pediatrician |  |  |  |  |
| Obstetrician |  |  |  |  |
| General Practitioners |  |  |  |  |

Material and Other Resources in the Unit

|  |  |  |
| --- | --- | --- |
| **Equipment** | How many | How many functioning |
| CPAP |  |  |
| Traditional CPAP |  |  |
| Ventilator |  |  |
| IV pumps |  |  |
| Cardio-respiratory monitor |  |  |
| Pulse oximetry |  |  |
| Weight scales |  |  |
| Scale to weigh diapers |  |  |
| Phototherapy |  |  |
| Overhead warmer |  |  |
| Isolettes/Incubators |  |  |
| Warming light |  |  |
| Wall oxygen |  |  |
| Oxygen concentrators/blenders |  |  |
| Oxygen tanks |  |  |
| Wall air |  |  |
| Glucose monitoring tools/glucometer |  |  |
| Bilirubin monitoring tool |  |  |
| Cots/beds |  |  |
| KMC beds for mother |  |  |
| Portable X-ray machine |  |  |
| Thermometers  |  |  |
| Pulse Oximeter |  |  |
| Sphygmomanometer |  |  |
| **Laboratory/Blood Tests** | Ability to perform | How much blood is needed for this test |
| Complete blood count |  |  |
| Blood culture |  |  |
| Arterial blood gas |  |  |
| Capillary blood gas |  |  |
| Sodium |  |  |
| Potassium |  |  |
| Calcium |  |  |
| Qualitative CRP (C reactive protein) |  |  |
| Quantitative CRP (C reactive protein) |  |  |
| Hgb (hemoglobin) |  |  |
| Hct (hematocrit) |  |  |
| Total Bilirubin (Indirect) |  |  |
| Direct Bilirubin |  |  |
| Lactic acid |  |  |
| LP (Lumbar puncture) |  |  |
| Urinalysis |  |  |
| Urine culture |  |  |
| Other |  |  |
|  |  |  |
| **Radiography** | Ability to obtain | Do they have to leave the unit |
| Chest X-ray |  |  |
| Abdominal X-ray |  |  |
| CT (Computerized tomography) |  |  |
| MRI (Magnetic resonance imaging) |  |  |
| Head Ultrasound |  |  |
| Other |  |  |
|  |  |  |
| **Infrastructure** | How many hours/day | Back-up ability |
| Water supply |  |  |
| Power |  |  |
|  |  |  |
| **Commodities** | How Many | How often stock not available |
| Nasal cannula |  |  |
| IV tubing  |  |  |
| Umbilical Catheters |  |  |
| Tubing for IV pump |  |  |
| Glucose monitoring sticks |  |  |
| Endotracheal set (with laryngeal blades) |  |  |
| Pulse oximetry probes |  |  |
| Cardio-respiratory monitor leads |  |  |
| Linen |  |  |
| Hand soap |  |  |
| Waterless hand soap/hand sanitizers  |  |  |
| Temperature probe for overhead warmer |  |  |
| Temperature probe for isolette |  |  |
| Syringes size 1 ml, 2 ml, 5 ml, 10ml |  |  |
| NG tubes 5, 6, 7 |  |  |
| NG tubes 8 |  |  |
| Diapers |  |  |
|  Phototherapy eye shields |  |  |
| Personal Protection Equipment |  |  |

Challenges experienced in laboratory testing e.g unavailability of reagents and how they are managed: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

How is referral handled by your institution?

Availability of a system in place to follow up for newborn babies in:

SCU: Yes \_\_\_\_; No \_\_\_\_. How often and how long? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

NCU: Yes \_\_\_; No \_\_\_\_. How often and how long? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

KMC: Yes\_\_\_; No -----. How often and how long? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Who is responsible for newborn follow-up? Health Centers: \_\_\_\_\_; Community outreach: \_\_\_\_\_; Referral hospital: \_\_\_\_\_.

How is the information for the follow-up system reported or documented? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

If a neonatal follow-up program is proposed what resources does the hospital have to enable the implementation of the program?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

If a neonatal nurse program is being developed what resources does the hospital have to enable implementation of the program?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_