Special care wards for NICU infants

NICU wards (all have oxygen, air and central suction) is equipped with most advanced sets such as ventilator, warmer, incubator, phototherapy, different monitors for controlling SPO2, BP, etc. These wards are equipped with isolation rooms for doing eye consultation and as the first center that offers its services using most advanced hybrid incubators and ventilators and observing Nidcap principles. Full equipment and experienced personnel of the ward, have changed Alzahra Hospital to referral center for high-risk pregnancy and pre-date delivery in northwest of the country. The given services in this ward include following issues:

- Evolutionary care of premature and high-risk infants
- Caring Asphyxia infants with cool cap set
- Breathing care of high risk infants
- Feeding care of premature and high-risk infants
- Caring and treating infants with intense neonatal jaundice who need blood exchange transfusion
- Injecting blood products
- Giving services to infants who need surgeries such as diaphragmatic hernia, esophageal atresia, imperforated anus, cardiac problems until sending them to children hospital
- Treatment measures such as injecting surfactant
- LP (Lumbar Puncture)
- Giving services to infants with ROP before and after laser therapy or intravitreal injection
- Doing special tests such as metabolic, biochemical, hormone tests etc.
- Tests for body exudations
- Doing cultivations such as blood, urine, brain and spinal cord liquids cultivation and other body liquids
- Making a central venous catheter such as hub catheter
- PICC (Making a central venous catheter through peripheral venous)
- Phototherapy