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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. 9 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