

4th ABUJA PERINATAL SYMPOSIUM

Let The Newborns Breathe!

NURSING CARE OF THE PRETERM NEONATE

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01 Case Study

01. CASE STUDY

- **Name:** Baby XX
- **Gestational age:** 29 weeks + 4 days
- **Mode of delivery:** Vaginal delivery
- **Sex:** Female
- **Birth weight:** 1.38kg (VLBW)
- **APGAR score:** 7 & 10 in 1st and 5th minutes respectively

02

Baby Is At Risk Of...

02. BABY IS AT RISK OF...

- **Hypoglycemia-**
 - limited glycogen stores
- **Hypothermia-**
 - lack of subcutaneous fat
- **Respiratory distress syndrome-**
 - insufficient surfactant production
- **Neonatal sepsis-**
 - immaturity of immune system
- **Apnea of prematurity-**
 - CNS immaturity

03 Nursing Goal

03. NURSING GOAL

- Maintain adequate oxygenation and prevent respiratory failure
- Prevent hypothermia and ensure stable temperature
- Maintain hydration
- Prevent nosocomial infection
- Monitor for apnea
- Provide emotional support and education to parents-patient centered care

04

Nursing Interventions In Newborn Respiratory Support

04. NURSING INTERVENTIONS IN NEWBORN RESPIRATORY SUPPORT

- **Review Basic Newborn History-**
 - Gestational Age, Weight
- **Assess For Signs Of Respiratory Distress-**
 - Gaspings, Increased Work Of Breathing, Apnea Monitoring
- **Airway-**
 - Suction (Pressure Of 60-100mmhg). Not Deep
- **Baby On CPAP-**
 - Nasal Prong About 75% Of Nostril Space, Not 100%. Saline Irrigation Every 4 Hours, Suction Airway

05

Nursing Interventions In Newborn Thermoregulation

05. NURSING INTERVENTIONS IN NEWBORN THERMOREGULATION

- Place baby in pre-warmed incubator with adequate settings
- 2 hourly temperature readings check
- Temporize bathing
 - Clean with olive oil and gauze
- Early initiation of KMC

06

Nursing Interventions In Newborn - Nutritional Support

06. NURSING INTERVENTIONS IN NEWBORN - NUTRITIONAL SUPPORT

- Probable initial parenteral nutrition
- Assess suckling reflex
- Auscultate for bowel sounds
- Assess random blood glucose 2 hourly or as required
- Keep strict input/output chart
- Daily weighing
- Nasogastric tube insertion and feeding
- Fortification of breastmilk

07

Nursing Interventions In Newborn Parental Support And Education

07. NURSING INTERVENTIONS IN NEWBORN PARENTAL SUPPORT AND EDUCATION

- Provide psychological support, reassurance and regular updates on baby's condition.
- Allow parent to express fear, guilt, anxiety
- Demonstrate how to provide basic care, holding, diapering, turning, feeding
- Educate on preterm care, feeding, and infection prevention.
- Encourage early involvement in care (e.g., KMC when stable).

08

Other Nursing Care

07. OTHER NURSING CARE

- Identification bracelets on baby's wrist/leg with Names, sex, hospital number
- Timely documentation of all care rendered, observations, alarm vitals, interventions etc
- Close monitoring of vitals signs, safe and timely administration of prescribed medications.
- Assessment and monitoring of baby's activity, behavior, colour, tissue perfussion, tolerance to feed, apneic attacks, distention etc
- Appropriate use of checklists for procedures and emergency preparedness in NICU.

08

Conclusion

CONCLUSION

- Team work (doctors/nurses) is critical in care of the preterm neonate
- Nursing attention is necessary in respiratory support, thermoregulation, nutrition, infection control etc
- Patient-centered care is key



Who is Limi Children Hospital? _____

The Limi Children's hospital is a is an arm of the Limi Hospital Group located at **No. 39 Ademola Adetokunbo Crescent, Wuse 2, Abuja**, A designated specialty hospital for pediatrics, neonatology and general medical care for children.

Under the auspices/system of the **>40yr old Limi Hospitals** founded in 1982.

The Limi Children's Hospital was commissioned by the Honorable Minister of the FCT in October 2017 amidst glowing commendations and accolades for the vision and contribution to healthcare delivery

World class Healthcare, All Day, Everyday



"...A healthy child is a happy child"



What are the Limi Children Hospital's services?



The Limi Hospitals
Reversing Medical Tourism

We provide **24/7 world-class healthcare solutions** for patients, hospitals, and their doctors in:

- General Paediatrics
- Paediatric Haematology
- Paediatric Dermatology
- Paediatric Neurology
- Paediatric Cardiology
- Paediatric Endocrinology
- Paediatric Gastroenterology
- Paediatric Otorhinolaryngology (ENT)
- Emergency Medicine
- Child and Adolescent Psychiatry



OUR SERVICES

- ◆ General Pediatrics
- ◆ Pediatric Cardiology
- ◆ Pediatric Endocrinology
- ◆ Pediatric Neurology
- ◆ Radio-diagnostics
- ◆ Infectious Diseases
- ◆ Neonatology & Neonatal ICU Care
- ◆ Pediatric Hematology
- ◆ Pediatric Dermatology
- ◆ Child & Adolescent Psychiatry
- ◆ Emergency Services
- ◆ Online Consultation



08090599994, 09088743552
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How to refer patients to Consider The Limi Children Hospital?

1. Give a standard referral letter & preferably attach any available results
2. **Call:** 08090599994, 09081841655
3. **WhatsApp:** 09024294618
4. **Email:** Limichilrenhospital@gmail.com
5. **Visit:** No. 39 Ademola Adetokunbo Crescent, Wuse 2, Abuja,
6. Kindly indicate Doctor's name, & email/phone number especially if you wish to receive a medical report afterwards.



 **Limi Children's Hospital**

We accept referrals of neonates from any delivery facility in Abuja.

Transport incubator and ambulance available pickup.

OUR SERVICES

- | | |
|------------------------|---|
| ➤ Neonatology | ➤ Paediatric Cardiology |
| ➤ Paediatric Surgery | ➤ Emergency Paediatrics |
| ➤ General Paediatrics | ➤ Paediatric Endocrinology |
| ➤ Ambulance Services | ➤ Neonatal Intensive Care - Unit (NICU) |
| ➤ Paediatric Neurology | |

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