



Our Specialized Center

NEWBORN SCREENING

PURELAB⁺

OVERVIEW

The Specialized Center for Neonatal Screening at PureLab is a leading facility in the United Arab Emirates (UAE) that plays a crucial role in the national neonatal screening program.

This program demonstrates the UAE's commitment to prioritizing the health and well-being of its people.

The Center's comprehensive coverage, efficient implementation, and focus on early detection and intervention have resulted in remarkable outcomes in identifying and managing congenital disorders in newborns.

The UAE Newborn Screening Program's mission is to ensure that every newborn in the country receives early screening for selected genetic conditions and receives timely diagnosis and treatment when necessary. This commitment has led to significant successes. Since its establishment in 1995, the program has screened over 1,440,000 infants for more than 50 hereditary diseases, based on guidelines from the American

College of Medical Genetics. As a result, 19,472 infants have been saved from mortality and associated morbidities. The program's impact on reducing infant mortality and improving long-term outcomes is substantial.

The success of the UAE's neonatal screening program can be attributed to multiple factors. First and foremost, a strong commitment from stakeholders to developing healthcare infrastructure and resources. State-of-the-art equipment and qualified healthcare professionals are provided to ensure efficient screening services.

Additionally, the program remains up-to-date with the latest scientific knowledge and technological advancements through continuous research and development, incorporating medical advancements into its screening protocols. By sharing best practices and experiences, the UAE contributes to the global effort to improve neonatal healthcare and save lives.

Accreditations



The NBS laboratory has obtained accreditation from ISO 15189, an international standard for medical laboratories, ensuring the highest standards of quality and proficiency. The program adheres to a comprehensive quality assurance program and participates



in proficiency testing programs with esteemed organizations such as the Centers for Disease Control and Prevention (CDC) and UK-NEQAS for Sickle Hb. These collaborations ensure the accuracy and reliability of the screening tests, maintaining the program's excellence.

OUR SERVICES

The Center offers a wide range of screening services to newborns in the UAE. These services include the screening of more than 50 diseases, covering metabolic disorders, endocrine disorders, hemoglobinopathies, and various genetic abnormalities.

The screening tests employed are simple and non-invasive, primarily blood tests, which enable healthcare professionals to identify potential health issues in newborns within the first few days of their lives.

Early detection allows for prompt intervention and appropriate medical management, significantly improving the prognosis and quality of life for affected children. The Center also provides diagnostic services for suspected metabolic or genetic cases and offers follow-up care for positive cases.



OUR EXPERTS

The Specialized Center for Neonatal Screening is led by a team of experienced & highly skilled professionals who are dedicated to providing exceptional care and expertise in the field.

- **Dr. Mohamed Salah El Din**
MBBCh, MSc (Ped), MSc (Gen), MD,
Consultant in Neonatal & Genetics
- **Dr. Hoda Mahmoud**
MBBCh, MSc, MD, Consultant in
Clinical and Chemical Pathology,
Head of the National Screening Lab

“We are a team of experienced and highly skilled professionals who are always dependable and dedicated to providing exceptional care and expertise in the field.”

PureLab™ HQ

13, Tunb Al Kubra Street, Al Rawdah
Abu Dhabi, UAE. P.O Box 134808

T +971 2 693 6444 | 800 700 522 (LAB)

E customercare@purelab.com

 [pureLab](#)  [pureLabae](#)
 [_pureLab](#)  [purelab.com](#)