

Excellence Services

1. Dengue Unit

Our Dengue Unit has been designated as the World Health Organization (WHO) Collaborating Centre for Case Management of Dengue/Hemorrhagic Fever/Dengue Shock Syndrome since April 16th 1997 after the WHO has realized that we have been the world leader since the 50s in clinical aspect and collaborative researches in dengue. Our guidelines for the diagnosis and management of DHF have been adopted and distributed by the WHO for worldwide usage which result in marked reduction of case fatality rate. We are also the leader in establishing the National Dengue Guidelines for our Thai Ministry of Public Health. Thousand of doctors, nurses and medical personnel, both at international and national level had been trained here. We are also a referral center for more severe dengue cases or cases with complications. Two hotlines (66) 9204-5522 and (66) 9204-2255 24-hour telephone consultations are provided for both medical personnel and general population. We are very proud of our award for being the best training center of the Department of Medical Services and one of our research papers won the first prize of the Ministry of Public Health in 1995.

2. Pediatric AIDS management and researches project takes care of maternal transmitted HIV babies.

The institute is an information, collaboration and training center in Pediatric AIDS. The research in the prevention of maternal transmission HIV disease received award, the outcome has been accepted and implemented in Thailand and other countries. In addition, in cooperation with other institutes, the project has developed the suitable pattern for taking care of the newborns with maternal transmitted HIV diseases.

3. Genetics Collaboration Institute

With the early support of WHO and UNICEF, the institute has established the Prevention and Control of Thalassemia Project, which produced the toolkits and handbooks for the prevention and control of Thalassemia, which had been provided to the hospitals countrywide. Later on, the program has been supported by the government for resource development for prevention and control of Thalassemia since 1996.

4. Neonatology Unit

This takes care of both the normal and sick newborns. Our Neonatal Intensive Care Unit is modern and fully equipped. Newborn screening for Congenital hypothyroidism, Phenylketonuria and G6PD deficiency has been done in every newborn admitted to the institute and intervention given to the early detected diseased children.

High frequency respirator and Nitric Oxide inhalation have been used for the patients with respiratory failure since 1991 and 1999.

5. Pediatric Ophthalmology Center

We have taken care of the children with eye diseases especially Retinopathy of Prematurity for more than 20 years. The center is a referral center for childhood retinal diseases from all over the country as well as other countries. The center provides full function services including screening, treatment, follow-up and rehabilitation. Laser Indirect Ophthalmoscopy has been used. Furthermore, Ret Com, the only digital camera for children in Thailand, has been used to record and follow-up the diseases and rehabilitation of visual development.

6. Pediatric Cardiology Unit and Cardio-vascular-thoracic Surgery Unit

These units provide investigations, diagnosis and management of cardio-vascular diseases in children with high technology equipment such as Cardiac catheterization and Echocardiography. Furthermore, patients who need operations are operated by cardio-thoracic surgeons.

7. Department of Pediatric Surgery

This department has operated on children with surgical diseases including separation of the Siamese twins. Our department is the only department that performed Urodynamics in order to evaluate the urinary function in children. In addition, Laparoscopic Urology technique has been used. Moreover, we have cooperated with the Smile Train, a non governmental organization from the United States of America, to provide holistic management for the cleft lip and cleft palate patients.

8. Department of Otolaryngology

This department provides surgical management with high technology instrument such as Laser and Functional Endoscopic Sinus Surgery. Our Pediatric Audiology Unit has conducted hearing evaluation for children since birth, including Newborn Hearing Screening. Additionally, full courses of hearing and speech rehabilitation are provided.