

# OPBG CLINICAL & SURGICAL PEDIATRIC CENTRE



## ACTIVITIES REPORT 2011



**Bambino Gesù**  
OSPEDALE PEDIATRICO





## Dear Friends,

It is a great pleasure to share with all of you this brief Annual Activities report (2011), which aims to offer an overall overview about the activities implemented at Takeo Referral Hospital through the OPBG – VATICAN Pediatric Clinical and Surgical Centre.

As all of you know, our commitment is to improve the medical services and offer high quality pediatric healthcare to the rural population of Takeo province, especially for the poorest, in line with OPBG principles.

Our activities refer to the **daily provision of clinical care and surgical treatment**, and a set of various projects created to efficiently respond to the people's needs for healthcare services.

The first is a **mobile clinic project** to deliver primary pediatric health care in remote areas extending provision to poor and malnourished children with no easy access to other healthcare facilities.

In order to improve the health of pregnant women and newborns, OPBG – VATICAN Pediatric Centre Takeo offers a **continuous program assisting vulnerable pregnant women**, with the general aim to improve maternal health and reduce mother and child mortality.

To offer specialized surgery for those patients in need, one of OPBG commitment is to organize **teams of expat experts in pediatric surgery**, that come to Cambodia every year, and working along Cambodian doctors, perform high complex surgeries for all the patients of our waiting lists (**Plastic and Reconstructive Surgery, Urology, ENT, Orthopedic..**)

Since the beginning of our activities, in cooperation with Takeo Provincial Health Department (PHD), we promote a continuous **medical training program for Cambodian doctors and nurses**, which includes workshops and seminars in pediatric health care at our Centre, a 3 months intensive training period provided by OPBG Rome for the personnel of the pediatric ward, off-line and on-line learning opportunities through the library and learning centre at Takeo, with access to internet medical journals and publications.

This year, we were able to provide the Pediatric Centre with an **inpatient department** which **provides specialized cure for severe acute malnutrition**, in line with WHO guidelines.

We are constantly working to improve the **Neonatal Care Department**, realizing a dedicated inpatient room with all the necessary equipment and providing training to our nurses.

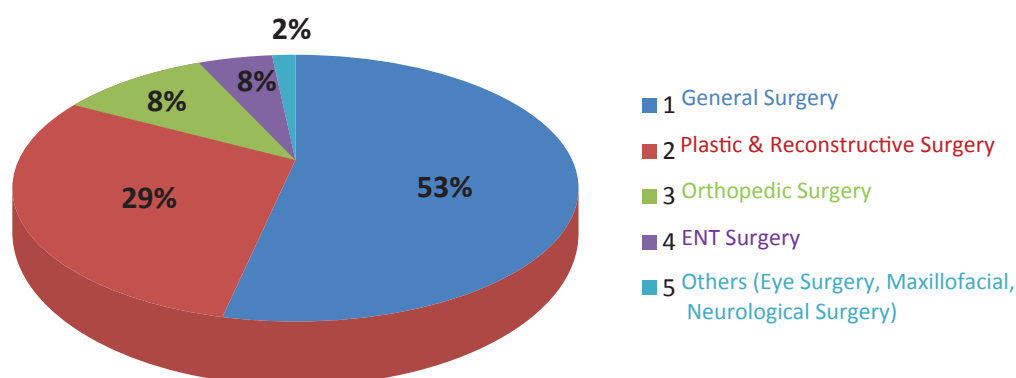
The report will open showing the Clinical and Surgical Statistics of the Centre for the year 2011, and follow with a brief review of all other activities mentioned above.



## Clinical and Surgical Statistics

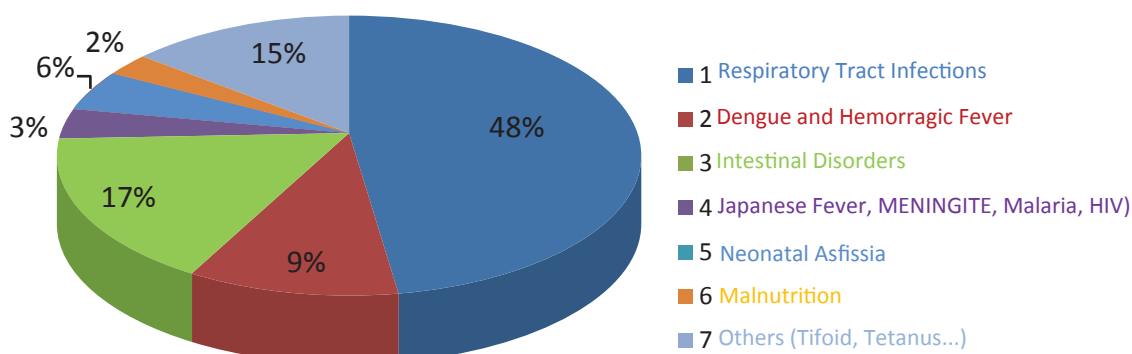
The number of surgical patients treated at OPBG Centre Takeo for 2011 was 944, as shown in the table below:

Surgical Cases: 944	
General Surgery	504
Plastic & Reconstructive Surgery	276
Orthopedic Surgery	73
ENT	76
Others (Eye Surgery, Maxillofacial, Neurological Surgery)	15



During 2011, the Centre offered free consultations to 2595 children and 1701 were hospitalized and treated for various diseases (respiratory diseases, Dengue and Hemorrhagic Fever, Intestinal Disorders, Meningitis and Japanese Fever, Malaria, Neonatal Asphyxia, Severe Malnutrition, HIV/AIDS).

Clinical Cases: 1701	
Respiratory Tract Infections	815
Dengue and Hemorrhagic Fever	163
Intestinal Disorders	284
Meningitis, Malaria, HIV	25 – 18 – 10
Neonatal Asphyxia	97
Malnutrition	33
Others (Typhoid, Tetanus...)	256



## Mobile Clinic Project

In cooperation with Takeo PHD, we started in **July 2011, a Mobile Clinic project (second year) financed by C.E.I. (Italian Episcopal Conference)**, to assist rural population of Cambodia delivering pediatric healthcare to their villages. The projects involves 25 rural health centers of Takeo Province and **offered, up to now, free pediatric consultation and delivery of medicines to 4787 children.**

At the end of the project is expected to serve **a total number of 10000 children** from rural villages of Takeo province.

One of the project's activities is also to deliver training and orientation on basic principles of health and hygiene, to rural communities located in the project's target area.



*Donation of Pediatric Scale to Health Centers and Community training on basic hygiene*



## Vulnerable Pregnant Women's Centre

Through the Vulnerable Pregnant Women's Centre, 194 poor pregnant women were able to receive free consultations, blood tests, fetal and prenatal ultrasound check, follow up and psychological support from OPBG Pediatric Centre medical staff.

33 women were supported to afford medical costs for a safe and healthy delivery inside the hospital's premises.

### Dispatch of Medical Experts



*Dr. G. Lemperle and Dr. D. Radu (Interplast Germany)*

#### **1. From 02/01/2011 to 16/01/2011:**

**A team of Pediatric Surgeons from Interplast Germany** (2 surgeons, 2 anesthesiologists, 1 OT Nurse)

**Total surgeries: 95** (Hand Surgery, Cleft Lip and Palate, Genital Malformation, General Surgery, Head and Neck Surgery)



*Dr. Fabrizio Gennari with OT staff of OPBG Takeo*

#### **2. From June 2011 to December 2011**

A Pediatric Surgeon from OPBG Rome, Dr. Fabrizio Gennari, specialized in liver transplantation, from OPBG Rome





### **3. From 18/07/2011 to 05/08/2011**

**An Orthopedic Surgeon and 1 Anesthesiologist from Swiss Red Cross**

**Total Surgeries: 70**



*Dr. Oscar E. Illi (Swiss Red Cross)*

### **4. From 28/09/2011 to 09/10/2011**

**A team of Pediatric Surgeons from Interplast Germany**

**Total Surgeries: 43**



*Dr. Andreas Schmidt with his Interplast South Bavaria Team and OT staff of OPBG Takeo*



## 5. From 19/11/2011 to 03/12/2011

A team of General Pediatric Surgeons from Italy (volunteers)

Total Surgeries: 49



*Dr. Maria Grazia and Dr. Renato Tiotto with OT staff OPBG Takeo*

## Training Program

This year training activities included:

**2 pediatric nurses were trained in Italy at OPBG Rome**, in Intensive Care and nursing procedures, for a period of 3 months, from January to April 2011.

**1 Pediatric Reconstructive Surgery Workshop and a Live Surgery Session “Craniofacial Cleft”** with Prof. Gottfried Lemperle, MD, PhD, Division of Pediatric Surgery, University of California, San Diego, on January 13, 2011.

**1 PBLS (Pediatric Base Life Support)** from 21 to 25 November 2012, with Dr. Daniela Perrotta and Dr. Francesca Stoppa from OPBG Rome, where 54 (doctors and nurses of Takeo Referral Hospital) were trained.

OPBG Takeo also supported 2 pediatric nurses to attend week long training in neonatal care at the National Maternal and Child Health Centre in Phnom Penh, in December 2011.







Thanks to the agreement between OPBG Rome and the National Hospital of Pediatric Hanoi (NHP), signed by our President, Prof. Giuseppe Profiti last December 2011 in Hanoi, a new cooperation on medical training activities is born. From 28 September, the Vietnamese Plastic Surgeon, dr. Ngo Anh Tu, from NHP, joined the Interplast South Bavaria team in service at OPBG Centre, as a first surgeon to join our expat team for surgical training procedures.



*Dr. Ngo Anh Tu from NHP Hanoi with OT staff of OPBG Takeo*

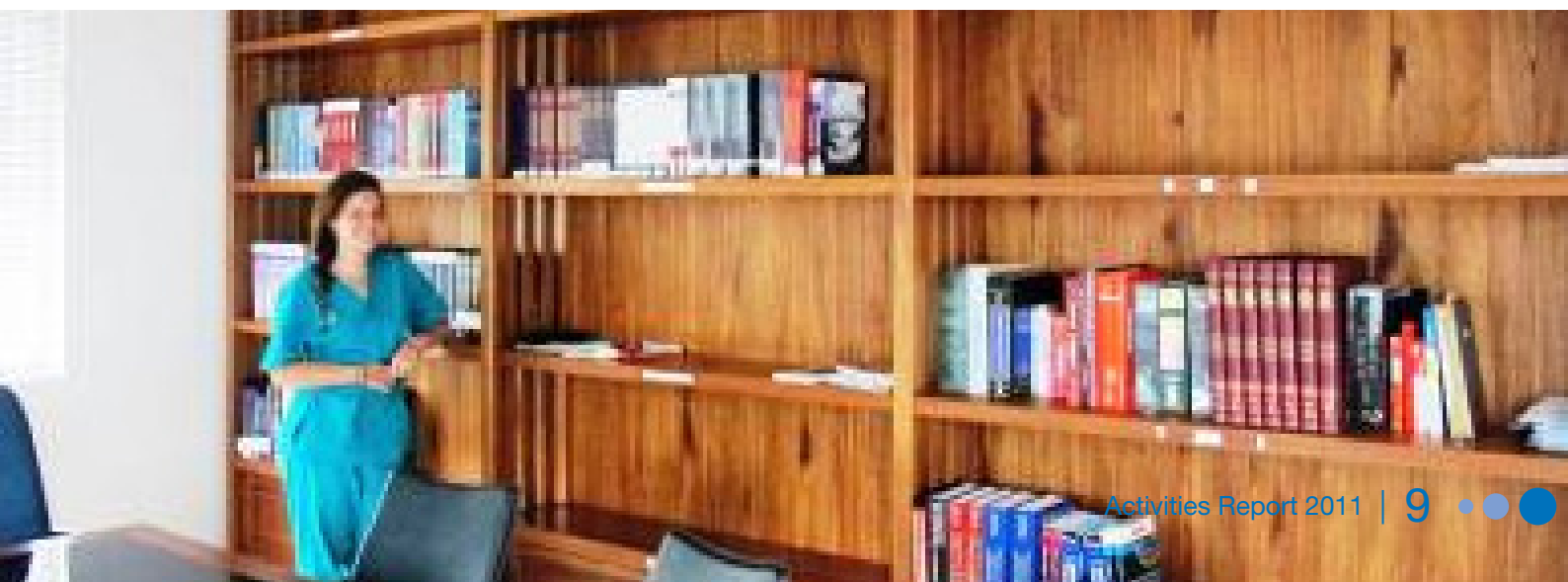
## Others

Besides all the activities above, OPBG Centre Takeo, always promote new initiative to improve the standard and quality of health care at Takeo Referral Hospital, such as sending **surgical specimens from our patients in Takeo to our hospital in Italy** that help to improve the diagnostic of pathologies, giving our doctors a better chance to finalize the right treatment for patients.

**In January 2011, in line with our Cardiology program, a group of 6 Cambodian children went to Italy with their relatives to be hospitalized and receive free surgical treatment and assistance at OPBG Rome, in Italy.**

They all came back from Italy after receiving successful surgery treatments.

In August, the Library of the Centre was provided with 100 medical books of Pediatric Medicine, Surgery and Anesthesia.





In November we provided the Pediatric Centre with a **Solar Panel System**, financed by **Acquirente Unico (AU)**, designed to reduce the overall energy consumption of the Pediatric ward.



*Installation of Solar Panel System*



Always in November, with Takeo PHD, there was the inauguration of the new inpatient department for treatment of severe acute malnutrition.

The Malnutrition Centre, financed by AU, is provided with 4 patient beds and centralized gas supply (O<sub>2</sub>, Air Compressed and suction), each patient has full cardiac monitor equipment.



*Renovation of room to create an Severe Acute Malnutrition Inpatients Department*



*Inauguration of the new "Severe Acute Malnutrition Inpatient Department"*

In order to respond to the emergency caused by heavy floods the occurred this year, affecting also the rural population of Takeo Province, forcing people to leave their homes, and upon request of Takeo PHD, we provided a donation of pediatric drugs, that have been distributed directly to all the families who had children suffering from Cholera, Acute dysentery, and other diseases related to lack of clean water and hygiene.



*Donation of pediatric drugs for victims of flooding*

In March, we had the official visit of Duchess Maria Grazia Salviati, (from the family founder of OPBG Rome) that visited OPBG Centre Takeo and met His Excellency Ministry of Health Mam Bunheng, on March 2, 2011.



*Duchess Maria Grazia Salviati and His Excellency Mam Bunheng*





## Volunteers

**Last but not least, a special mention is due, to all the volunteers** that decided to spend their valuable time to offer service at OPBG Centre Takeo:

**Eliane Heusler**, medical student from the Medical Faculty of the University of Bern, from January to March 2011.

**Maya Naef**, medical student from the Medical Faculty of the University of Bern, from February to March 2011.

**Stefanie Mittelholtzer**, newly-graduated from the Medical Faculty of the University of Bern, from 8 March to 30 April 2011

**Amelia Levi**, student of Politics and International Relation of University of York, England fom August to Septmeber 2011



*Maya Naef and Eliane Heusler*



*Stefanie Mittelholtzer*



*Amelia Levi*



*Benedetta Zanardi Landi, Maria Benedetta Guariglia and Francesca Gennari*

**Benedetta Zanardi Landi, Maria Benedetta Guariglia and Francesca Gennari,**  
from July to August 2011

**Marta Gennari,** from September to October 2011

**Cristina Maggiora,** from November to December 2011, that created around OPBG Centre paintings for the children.

Thanks to IRA-GEROGRAG from Turin, Italy for the material and tools needed for the painting.



*Marta Gennari*



*Cristina Maggiora*







## THANKS TO:

**A special thanks and a mention of gratitude to all our donors,** that in 2011 offered their important contribution to support OPBG Takeo project and offer a great help to Cambodian children





