

# Mauritius

## 11<sup>th</sup> Paediatric Urology/Surgery Teaching Program

29<sup>th</sup> September - 10<sup>th</sup> October 2010



**Visiting Team - Dr Paddy Dewan and Dr Mclee Matthew**

A project of the Mauritius Department of Health and Quality of Life,  
The Society for Children Inoperable in Mauritius,  
and the Kind Cuts for Kids Foundation



## Paediatric Surgery in Mauritius - 2010

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Mauritius has been part of the Kind Cuts for Kids Foundation program since 2001, the recent visit being the 11<sup>th</sup>. Seventy patients were seen in a clinic on the first day, and a second clinic was held on the Saturday; a further small number of patients were seen in the ward, resulting in a total of 140 consultations as part of the program. The most important aspect of this visit was the high proportion of the surgery that was performed by Dr Kevin Teerovengardum, and the success of the Mauritian Anaesthetic support. The total number of patients treated in the 10 years exceeds 450, with over 1200 consultations and 500 anaesthetics.

The challenge, now, is to establish the infrastructure and support for those who now have the Paediatric Surgical training to provide the service, which include:

- i) Elective theatre
  - (a) Equipment
  - (b) Time
- ii) Emergency theatre access
- iii) Support from associated specialties
  - (a) Pathology
  - (b) Radiology
  - (c) Paediatric medical
  - (d) Neonatal intensive care
  - (e) Nursing
- iv) Funding for Paediatric Surgical research
- v) Paediatric Surgical Professional Development
- vi) Community awareness
- vii) GP training

For Mauritius to have a sustainable Paediatric Surgical Service, there will have to be a focus on a regional solution, ie, the Paediatric Surgeons should be involved in outreach to nearby countries, where they should involve themselves in the role of learning through teaching. Thus, maintaining their skill base through access to a critical mass of complex cases. If such an approach is not facilitated, Mauritius will not be able to attract those with sufficient training and ability to give world best practice to its people.



Dr Naresh Burton working along-side one of the theatre nursing staff (left). On the one day of reset, Naresh snaps Kevin, Paddy and Mclee (right) as they spend the day team building before another long day of surgery.

## Paediatric Surgery in Mauritius - 2010

During the recent visit, 43 operations were performed on 26 patients:

### *Urology*

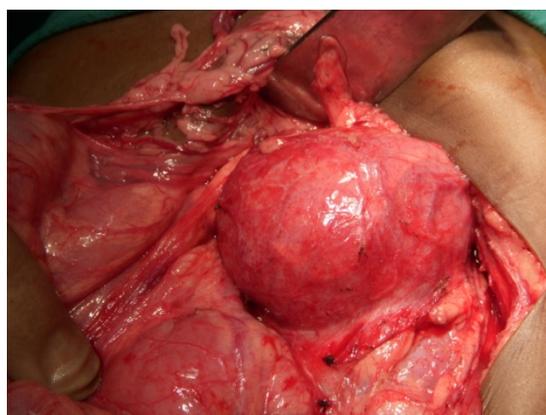
Cystoscopy	– 5	Hypospadias	– 11
Hysterovaginectomy	– 1	Ureteric diverticulectomy	– 1
Mitrofanoff - bladder	– 1	Pyeloplasty	– 1
Urodynamics	– 3	Vesicotomy	– 2
Ureterocystoplasty	– 1	Ureteroureterotomy	– 2

### *General Surgery*

Colostomy	– 1	EUA anus	– 1
Ileostomy revision	– 1	Laparoscopy	– 1
Laparotomy	– 1	Neuroblastoma excision	– 1
Orchidopexy	– 2	Pena	– 1

### *Thoracic Surgery*

Oesophageal dilatation	– 1	Oesophago-oesophagostomy	– 1
Ramstedt pyloromyotomy	– 1	Rectal plication	– 1
Rectoplasty for stricture	– 1		



A neuroblastoma, a tumour of the adrenal gland, can be seen on a CT scan, and at operation. Previously, such advanced cases were unable to be treated. The boy, who was operated on, has, virtually certainly, been cured of his cancer.