Hand surgery of children during missions at SOS Main Douala

H. TIEMDJO, PY MILLIEZ, F. MOUTET, B. SALAZARD, R. BECCARI, P. MEREDITH, Y. PICHOT

www.centredelamaindouala.com

sosmaingoudouala@hotmail.fr

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INTRODUCTION

- Hand surgery training in France
- Definitive return in Cameroon in 2010
- **Constat**: population + hospital workers: doesn’t know hand surgery

- hand pathology: care by all: nurse => surgeon, traditionals bones setters ++
After three years activities in many medical structures in Douala and

- Many sensibilisations and informations of Medical Doctor, paramédical
- Many campaigns for population

⇒ The hand surgery was still unknown
Know hand surgery

⇒ Necessity to have a structure only dedicated for it:
« Le Centre de Chirurgie de la Main et des Paralysies de Douala » (CCMPD) is born in 2013, first and unique Center of hand surgery – SOS main in Cameroon.
Children

The situation of hand surgery in children is more dramatic !!!

Medical Doctor tell to parens to go to Europe or waiting that child was up

Objectif: evaluated hand surgery of children during surgicals missions in Center of hand surgery and paralysis of Douala
Materiels of study

Retrospective study, February 2014 - January 2019

6 missions: 5 hand surgeons and 1 anesthesiologist
All seniors, same for host hand surgeon.

3 hand therapists, member of Gemmsor, (3 missions) allow therapy and orthosis of children hands operated or not
1st mission:
Pr F MOUTET, Grenoble
2 – 7 February 2014

Consultations +
No surgery
2\textsuperscript{nd} mission: Pr P Y MILLIEZ, Rouen
20-25 April 2014

Surgery +++

Directly after a plane child: burn sequellae
3rd mission: Pr F MOUTET, Dr Y PICHOT Grenoble
16 – 23 November 2014

Consultations +++

Surgery: polysyndactyly 8 yo under ALR
4th mission:
Dr B SALAZARD, A BAIADA, Marseille
6-11 June 2015

Only children !!!
- Consultations +++
- Teachings
- Surgery +++
  Bilateral radial club hand
  Syndactyly + agenesia
  Polytrauma
5th mission: 22 – 26 February 2016

Free Consultations:
- Congénital hand
- Obstetrical plexus

Surgical: Apert’s syndrome
Consultations GRATUITES
Infoline : 655 15 71 71

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1ère Edition
Sous le haut parrainage du Ministère de la Santé

au Centre de Chirurgie de la Main et des Paralysies de Douala
Cibles : Enfants avec malformation congénitale des mains, Paralysie du plexus brachial

Jeudi 25 FÉVRIER 2016
Surgery: Apert’s Syndrome (12 month) on ALR

Liberation of one web in both hand

MILLIEZ – TIEMDJO - BECCARI

Dr Y PICHOT
6th mission: Pr P MEREDITH Nyon Suisse
02 – 04 January 2019

Children only

Free Consultations
hand burns sequelae, congenital hand

Surgery: burn sequelae
In Total:

**SOS Main Douala**: 6 missions , Surgery = 5 missions/6

5 surgeons / 1 Anesthesiologist

7 children operated, 9 hands

Congenital hand: 6 hands

Burn sequelae: 2

Trauma: 1

*Upgrade during each mission*
Discussion

The benefits of these missions are multiple:

For children who obtain a functional and aesthetic result reducing their handicap with their procession of family and societal dramas.

For the host surgeon, who receives a companion for these procedures, allowing him to perform them alone afterwards.
The surgeon on mission feels a human enrichment to have been useful

Professional benefits by the richness of the cases encountered, by the exchanges with the local surgeon,

Because the contact with the spirit of ingenuity and resourcefulness of the local surgeons who obtain a lot with few means is always stimulating
Conclusion

Child's hand surgery missions with hand surgeons practicing in French-speaking black Africa are to be encouraged and promoted.

The presence of an anesthesiologist and hand rehabilitator is a real plus in the care of children.
YOU ARE WELCOME in SOS MAIN DOUALA

Don’t afraid

It’s possible

Bonus +++

Cameroon = Africa in miniature
Merci  Thank You