Agenda

1. Pediatric oncology in LMIC
2. French African Group of Pediatric Oncology GFAOP
3. The African School of Pediatric Oncology
   - Nurses program
   - Doctors
   - Elearning
4. What did we learn?
1. Pediatric oncology in LMIC
Magnitude of the problem

- An estimated 160,000 new cases of cancer are diagnosed annually in children < 15 years.
- Only about 20–30% of patients are thought to be adequately diagnosed and treated.

What about the remaining 80%?
A long list of obstacles

1. Poverty
2. Illiteracy
3. Political instability
4. High rate of infectious disease related mortality
5. Lack of accessibility to health care system
6. Low rate of medical insurance coverage
7. Late stage at diagnosis
8. Treatment abandonment
9. High rate of mortality
Potential causes of disparities in DFS in patients with newly diagnosed cancer.

Bhatia S
Pediatr Blood Cancer 2011;56:994–1002
2. French African Group of Pediatric Oncology
Algeria: Algiers, Oran
Cameroon: Yaoundé
Madagascar: Antananarivo
Morocco: Rabat, Casablanca
Senegal: Dakar
Tunisia

GFAOP in 2000

Tunisia
Algeria
Mauritania
Morocco
Senegal
Ivory Coast
Mali
Burkina Faso
Togo
Cameroon
RD Congo
Madagascar
(Central Africa, Niger, Gabon..)

GFAOP in 2016

8 units
16 units
French-African Pediatric Oncology Group

- Local leadership
- Pilot Unit
- Teaching/Training
- Advocacy
- Improving Access to care
- Clinical trials
Knowledge is power. Information is liberating.

Education is the premise of progress, ...

Kofi Annan
Ecole Africaine d’Oncologie Pédiatrique in 2011

Designed by M Harif

Nurses program
- Intensive courses
- On site training

Doctors
- Intensive courses
- Diplôme Universitaire de Cancérologie Pédiatrique DCUP

E learning
African School of Pediatric Oncology

Nurses program
- Intensive courses
- On site training

Doctors
- Intensive courses

E-learning
- Diplôme Universitaire de Cancérologie Pédiatrique DCUP
First nurses course on PO

40 participants:

Algeria: 02
Burkina Faso: 01
Cameroun: 02
Cote d’Ivoire: 01
Mali: 01
Morocco: 29
Senegal: 01
Togo: 01
Tunisia: 02
## Course for nurse educators

<table>
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29 participants from 11 countries

Rabat April; 2014
ECOLE AFRICAINE D'ONCOLOGIE
Formation des Infirmiers Educateurs en Oncologie Pédiatrique
Hôtel Oumlil, Rabat du 31 Mars au 5 Avril 2014
Nurses program

Production of guidelines
- Mouthcare
- Hand washing
- Transfusion
- Venous access
- Pain management

Expert nurses visit to Ivory coast and Senegal

Training in France
6 nurses

C Thinlot

Marie Solange Douçot
Laurette Fugain foundation’s nurses award
African School of Pediatric Oncology

Nursing program
- Intensive courses
- On site training

Doctors
- Intensive courses
- Diplôme Universitaire de Cancérologie Pédiatrique DCUP

E learning
1 – Intensive courses

- Pediatric oncologist
- Pediatric surgeon
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**African School of Pediatric Oncology**

**Intensive course of pediatric oncology**

**Marrakech July 2012**

29 Participants
African School of Pediatric Oncology

Intensive course on surgical pediatric oncology
October 2013

29 Participants

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Objectives

1. Diagnose the most common childhood cancers;
2. Learn the main treatment approaches of cancers in children;
3. Provide appropriate supportive care;
4. Treat the most frequent cancers in children, prevent and manage treatment complications;
5. Initiate and participate in Pediatric Oncology research.
6. Develop social skills in dealing with sensitive context.
Diplôme Universitaire de Cancérologie Pédiatrique

Target audience

- Pediatrician, hematologist, oncologist, pediatric surgeon, pathologist...
- Working in an active PO unit or planning to initiate a PO unit

Training modalities:

Five modules
  - Epidemiology and clinical research
  - Leukemia and Lymphoma
  - Solid tumors
  - Supportive care
  - Sequelae and long term follow-up

3 to 6 months internship.
Presentation of a thesis
Evaluation
Diplôme Universitaire de Cancérologie Pédiatrique

Partners

Société Marocaine d’Hématologie et Oncologie Pédiatrique
## African School of Pediatric Oncology

**Diploma of pediatric oncology 2014-2015**

26 Participants

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African School of Pediatric Oncology
Diploma of pediatric oncology

Thesis presentation
African School of Pediatric Oncology
Pediatric Oncology Diploma
Graduation
Initiation

3rd group
2016 - 2017

2nd group
2015 - 2016

First group
2014 - 2015

Five modules
3 - 6 months internship

Evaluation

Thesis presentation

Graduation
African School of Pediatric Oncology

- Nurses program
  - Intensive courses
  - On site training
- Doctors
  - Intensive courses
  - Diplôme Universitaire de Cancérologie Pédiatrique DCUP
- E-learning
E-learning

- www.e-gfaop.org
- Moodle platform
- Pediatric oncology diploma
  - Module 5 online 2016 – 2017
  - Module 1 online 2017 – 2018
- Online courses for data managers?
- Palliative care?
Introduction au cours

Scott Howard, MD, MSc

Hématologie/Oncologie
Pédiatrique
Université de Memphis
Resonance Oncologie
Memphis, Tennessee, Etats Unis

Objectifs
- Importance – décès toxique est une cause de l'échec du traitement fréquente chez les enfants atteints de cancer
- Importance – gestion de la toxicité fait une différence entre la vie et la mort
What did we learn?

Developing a training tailored to specific needs is an achievable goal under certain conditions:

- Motivated, dedicated and knowledgeable leaders
- Availability of funding (Thank you Anne)
- Team with good fighting spirit

Now we need to ensure sustainability of the program in the long term
Welcome to SIOP Africa 2017 on April 5 - 8 Marrakech

worldcancercongress.org