



# HOW TO BUILD AN ENT GLOBAL OUTREACH PROGRAM?

PR B FRAYSSE. *TOULOUSE*

PR T. MOM. *CLERMONT  
FERRAND*

DR B. GARDINI *TOULOUSE*

# INTRODUCTION

- INEQUALITY OF CARE ACCESS
- GLOBAL OUTREACH EXIST IN AFRICA AND ASIA FROM DECADES .
- THERE IS A NEED TO INCREASE ADEQUAT COLLABORATION AND SUSTAINABILITY.
- WE COULD, WE SHOULD IMPROVE ALL TOGETHER ITS EFFICIENCY.





# INTRODUCTION

## CORNERSTONES OF SUCCESS:

- THE REQUEST MUST BE MADE BY THE HOSTED TEAMS.
- THE OUTREACH TEAM MUST ADAPT TO THE REQUEST.



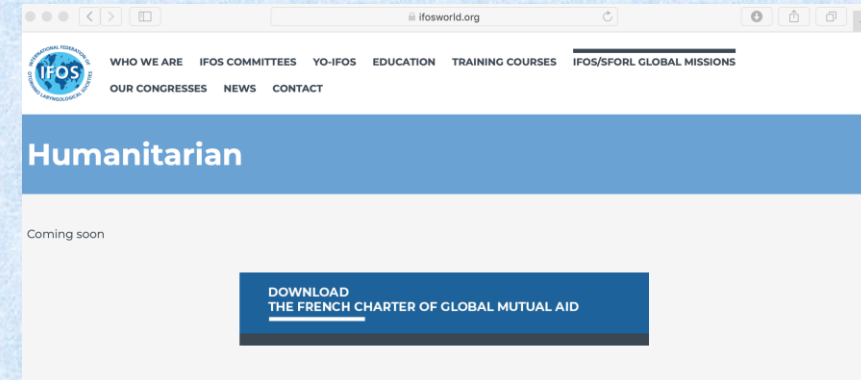
# OBJECTIVES

- IMPROVE THE PATIENTS HEALTH CARE.
- IMPROVE THE TEAMS TRAINING.
- PROVIDE EQUIPMENT CONFORM TO THE HOST INSTITUTION REQUIREMENTS.
- DEVELOP THE RESEARCH .
- BUILD A LONG TERM AND STRENGTHEN ACTION.



# HOW TO REACH THESE OBJECTIVES?

- CONNECTION WITH THE WORLD
  - BUILD A INTERACTIVE WEBSITE .
  - DRAW UP A CHARTER .
    - ETHICAL CONSIDERATION
    - AT THE HEART OF THE GLOBAL OUTREACH PROJECT .
- [HTTP://ORLFRANCEHUMANITAIRE.ORG](http://ORLFRANCEHUMANITAIRE.ORG)
- [HTTP://HUMANITARIAN.IFOSWORLD.ORG](http://HUMANITARIAN.IFOSWORLD.ORG)





# IFOS WEBSITE OF GLOBAL OUTREACH

humanitarian.ifosworld.org

Mom Thierry - Outlook Web App IFOS/SFORL GLOBAL MISSIONS

WHO WE ARE IFOS COMMITTEES YO-IFOS EDUCATIONAL TRAINING COURSES IFOS/SFORL GLOBAL MISSIONS OUR CONGRESSES

NEWS CONTACT

## IFOS/SFORL GLOBAL MISSIONS

[LOGIN](#)

IFOS involvement in global outreach is one of its important mission. IFOS is promoting global actions and all missions respecting the [Charter of global mutual aid](#).

An international advisory board can receive through this website the needs and requests both from volunteers willing to help colleagues in a field of Otolaryngology-Head Neck surgery and from local teams willing to be helped.

In order to facilitate global actions, "demanders" and "givers" can be put in touch, and assistance will be provided, as much as possible, by IFOS

Do you need help for a mission ?

Do you want to help on a mission ?

**Article 1:** General principles Missions are independent of any groups (political, economical, ethnical, confessional)

**Article 2** Missions have the objectives of providing Medical help together with diffusing Medical knowledge

**Article 3:** Ethical concerns . The help is given with no discrimination and always adapted to the critical situation of the rescued population

**Article 4** The missions are to be achieved with respect of the cultural identity and the dignity of each individual

**Article 5:** Ethical concerns . Missions are always carried out in response to a request of the concerned population or of the legal representatives, in emergency, or for long-term projects. Missions are to be coordinated and must collaborate with other missions or institutions acting for the same medical problems

**Article 6:** Ethical concerns Members for the missions have to be experienced professionals, fully mastering the techniques they use during their missions

**Article 7:** Objectives of the missions are to be realistic and adapted to local conditions The follow-up of patients is to be organized

**Article 8 :** Missions should rather be part of a long –term project •Diffusion of knowledge to the local population must be the priority objective.

**Article 9:** security . Members of the missions must be covered by a repatriation insurance and public liability.

# HOW TO REACH THESE OBJECTIVES?

- DEVELOPMENT A COLLABORATION BETWEEN THE BOTH TEAMS
  - LOCAL OR NATIONAL CONVENTION
  - HOSPITAL OR UNIVERSITY
  - NATIONAL PROGRAM (WHO)
- SPECIFY THE FIELDS OF ACTIVITY
  - OTOLOGY
  - ONCOLOGY
  - PEDIATRIC AIRWAYS
  - PLASTIC





# HOW TO REACH THESE OBJECTIVES?

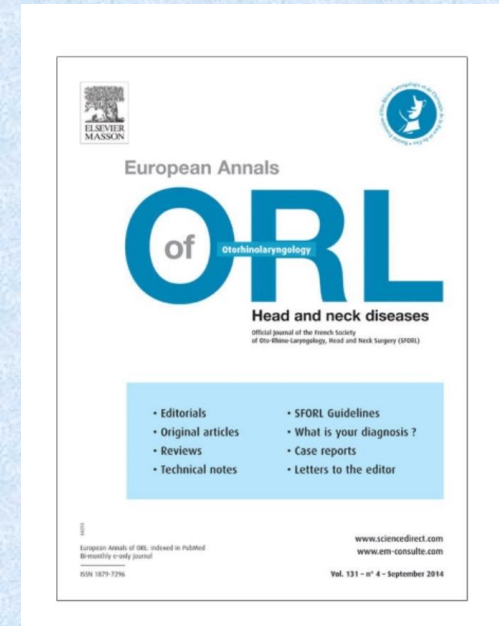
- TRAINING THE TRAINERS :
  - MEDICAL AND PARA MEDICAL TEAMS .
    - ENT, ANESTHESIOLOGIST.
    - SPEECH THERAPIST, AUDIOLOGIST...
  - OPEN ACCESS LIBRARY.
  - REMOTE COLLABORATION WITH NETWORK .
  - IFOS WORLD MASTER COURSES (DUBAI, VIETNAM...)
- BUILD A COORDINATION WITH OTHERS TEAMS. (*IFOS WEBSITE OF GLOBAL OUTREACH*)
  - IDENTIFY AND COORDINATE SAME ACTIVITIES IN THE COUNTRIES.
  - [HTTP://HUMANITARIAN.IFOSWORLD.ORG](http://humanitarian.ifosworld.org)



# HOW TO REACH THESE OBJECTIVES?

Quality of the outreach teams:

- Level of training .
  - Insurances , local context knowledge.
- MATERIALS, sustainability:
    - Improve resources if possible
    - Set a maintenance program
    - Training program .
  - Develop Practice Guidelines for Limited Resource Settings (Pr Fagan)
    - <https://doi.org/10.1002/hed.24591>
  - Develop collaborative research:
    - Clinical research .
    - Patients follow up , exhaustive data collection.
    - Publication in journal with peers review with both teams (ex european annals).



# EXAMPLE IN CAMBODIA: CHRONIC EAR SURGERY EXPERIENCE WITH ASIE SUD EST AUDITION REHABILITATION (ASEAR)

- CHRONIC EAR DISEASE IS VERY COMMON IN CAMBODIA
- LOW MEDICAL RESOURCE AND KNOWLEDGE IN THIS HIGH SPECIALIZED FIELD
- REQUIREMENTS:
  - HOW TO SELECT PATIENTS?
  - HOW TO TEST AUDITORY FUNCTION
  - SURGICAL MANAGEMENT: WHERE? WHICH SURGICAL EQUIPMENT?
- WHICH TECHNIQUE?
- WHAT ABOUT THE FOLLOW-UP?

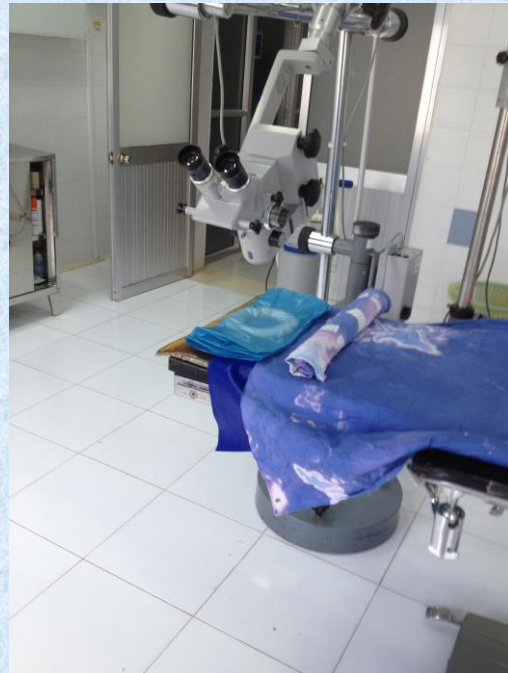


# SELECTION OF PATIENTS



- TRAIN NURSES TO IDENTIFY PATIENTS WITH CHRONIC EAR DISEASE
- TRAIN THEM TO TREAT INFECTIONS : DRY EARS ARE BETTER BEFORE SURGERY
- TRAIN THEM TO ACHIEVE AUDITORY TESTING: SIMPLE AND ROBUST AUDIOMETERS
- PRELIMINARY DAYS OF CONSULTATION MANDATORY IN ORDER TO CHECK INDICATIONS

# EVALUATION OF RESOURCES: HOSPITAL, MATERIALS, POSTOP BEDS





# MEDICAL TEAM: ENTS AND ANESTHESIOLOGISTS



What about cardiac resuscitation? ElectroShoking device?



# OPERATIVE ROOM AND INSTALLATION OF PATIENT LIMITED RESOURCE



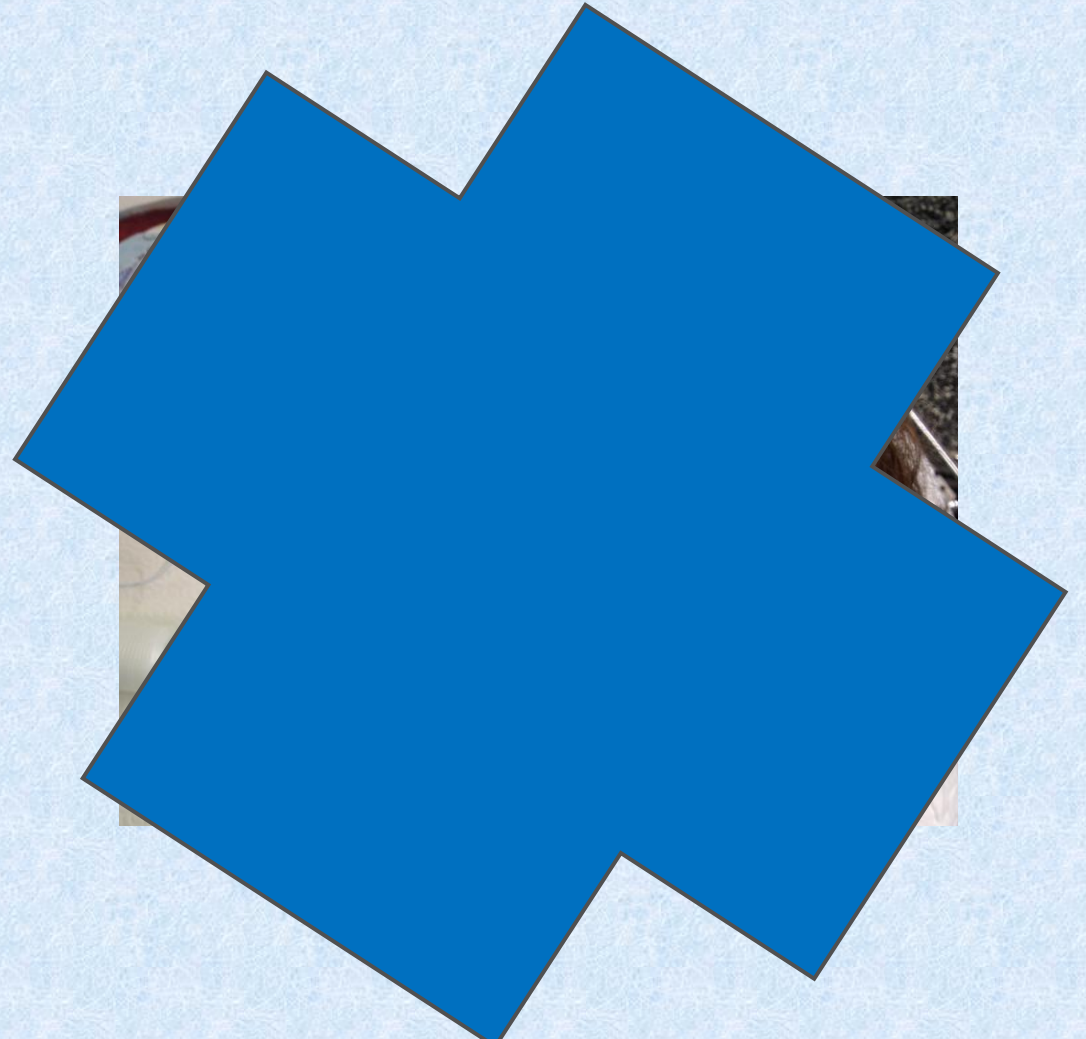
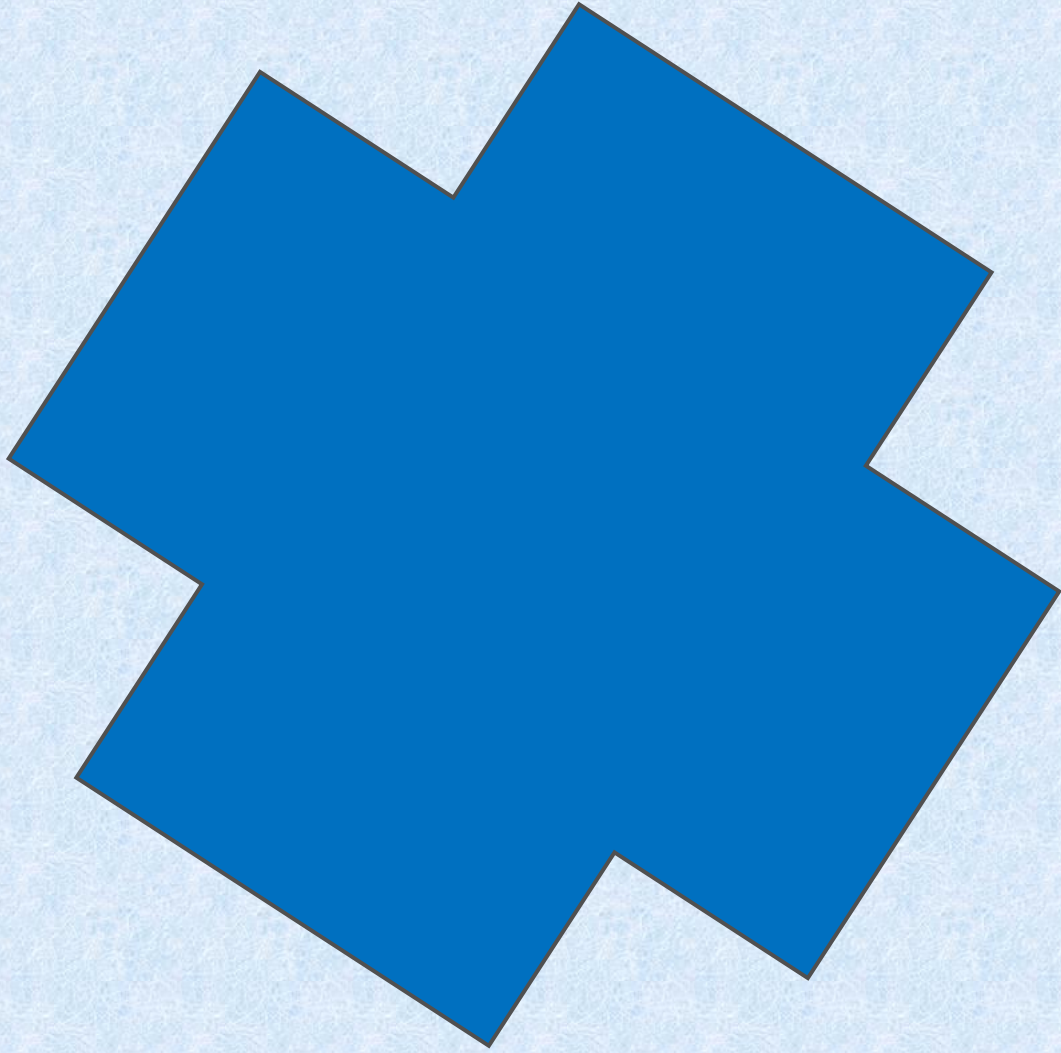
Is the table rotating?

Are there belts to secure the patient  
when rotating the table?

Is there any cautery device?

...

# LIMITED RESOURCES TO BE AWARE OF



# HELPING LOCAL TEAM: STEP BY STEP



Guiding the hands of local surgeons  
For mastoidectomy



# AND AFTER? ORGANIZING POSTOPERATIVE FOLLOW-UP



- keep safe the operative charts
  - organise several missions a year
  - be sure of local nurses and/or physicians
- For the follow-up
- Anticipate the need for antalgics and antibiotics
  - Telemedicine: very good option if possible

# Exemples : Madagascar « entendre le monde »

- SINCE 5 YEARS.
- 10 DAYS/YEAR.
- AT LEAST 10 YEARS OF SUPPORT .
- 2 SURGEONS, 2 ANESTHESIOLOGIST , 1 AUDIOLOGIST
- DÉFINITION TYPE OF ACTIVITY WITH LOCAL TEAM.
- ALL YEAR SUPPORT .
- MAIN GOALS :
  - TRAINING,
  - FITTING,
  - SURGERING .



## Exemples : Madagascar « entendre le monde »

- 455 PATIENTS
- 87 SURGERIES
- TYMPANOPLASTY, CHOLESTEATOMA
- 220 AUDIOMETRIC TESTS
- 45 PATIENTS FITTED WITH HEARING AID (36 BILATERAL)
- 2 COURSES/WEEK
- 2 RESIDENTS IN TRAINING







## EXEMPLE : MADAGASCAR « ENTENDRE LE MONDE »

- FITTING



# EXEMPLE : MADAGASCAR « ENTENDRE LE MONDE »

- TRAINING





# EXEMPLE : MADAGASCAR « ENTENDRE LE MONDE »

- ▶ See patients and surgering





Mission humanitaire ORL  
Madagascar  
du 10 au 17 janvier 2019



# CONCLUSIONS

- GLOBAL OUTREACH ACTION IN ENT IS DONE FOR YEARS
- EFFORTS HAVE TO FOCUS ON ETHICAL RESPECT, SUSTAINABILITY, AND EFFECTIVE TRAINING OF LOCAL TEAMS
- COLLABORATIVE EXCHANGES, BOTH IN CLINICAL AND RESEARCH FIELDS ARE THE MAIN FACTORS OF THE SUCCESS.
- THE HUMANITARIAN CHARTER RECALL THE MAIN POINTS TO CHECK BEFORE BEGINNING SUCH A GLOBAL ACTION
- IDEALLY THE PUBLICATION OF GLOBAL ACTION RESULTS AND RESEARCH WOULD PROVE THE EFFECTIVENESS OF SUCH MISSIONS
- EASY ACCESS TO INTERNET , WORLDWIDE CONNECTION AND TELEMEDICINE TECHNOLOGY SHOULD HELP AND FACILITATE THIS COLLABORATION.

