



HOSPITAL MATERNOINFANTIL
UNIVERSITAT DE BARCELONA

The Twinning Programme

2005 – 2015

Ten Years Together

9th July , 2015





Summary



- Solidarity in the Order of Saint John of God
- The Twinning Programme
- The Ebola Outbreak
- The Mabesseneh Experience
- How can you help?

The Mission of Saint John of God



We view cooperation as something that joins us all together, each one with our own specific commitment. Professionals, Cooperators, Brothers, Volunteers and Benefactors make it possible to implement many programmes of action in the most disadvantaged and deprived spheres, and to maintain care projects in countries in other poorer continents.

This special predilection for the most vulnerable people, due to sickness or lack of resources, is the reason why we establish and implement international social action and healthcare programmes.

We view cooperation as something that joins us all together, each one with our own specific commitment. Professionals, Cooperators, Brothers, Volunteers and Benefactors make it possible to implement many programmes of action in the most disadvantaged and deprived spheres, and to maintain care projects in countries in other poorer continents.

We accept the limitations of science by avoiding forms of futile aggressive therapy or other treatments which impair the dignity of the person. It is for this reason that we are keenly interested in setting up and promoting palliative care units with our philosophy of accompaniment, pain alleviation and offering humanisation in the final stage of life.

OUR VISION

What is important to the Hospitaller Order of Saint John of God is the "manner" or "style" of our work. This is why we foster respect for individuals and for their autonomy, doing all we can to prevent dependency and paternalism.



Solidarity in HSJD Esplugues

Pla estratègic

2004 - 2014

PAIDHOS
ANYS

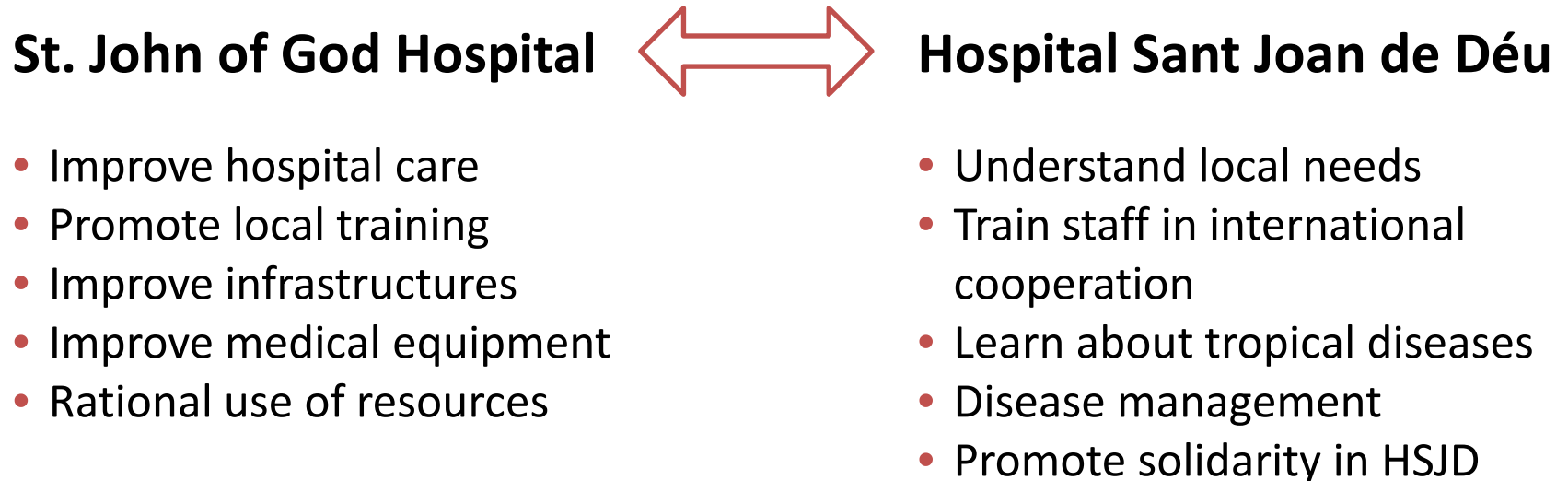
L'Hospital maternoinfantil de Sant Joan de Déu de Barcelona va impulsar el 2004 un pla estratègic amb l'objectiu d'esdevenir un centre d'excel·lència i de referència nacional i internacional en el tractament de les malalties pediàtriques més complexes sense perdre la seva funció d'hospital de proximitat. El pla, anomenat Paidhos, del grec paidós (del nen), és l'acrònim de: **P**ròxims, **A**ccesibles, **I**nvestigadors, **D**ocents, **H**ospitalaris, **O**berts i **S**olidaris.

- April 2005** First official visit to Lunsar by HSJD: Br. Joaquim Erra, Dr. Manuel del Castillo , Br. Fernando Aguiló
- May 2005** Proposal put forward to the coworkers of Hospital Sant Joan de Déu
- July 2005** The Twinning Programme was initiated by Dr. José María Quintilla

Cooperation

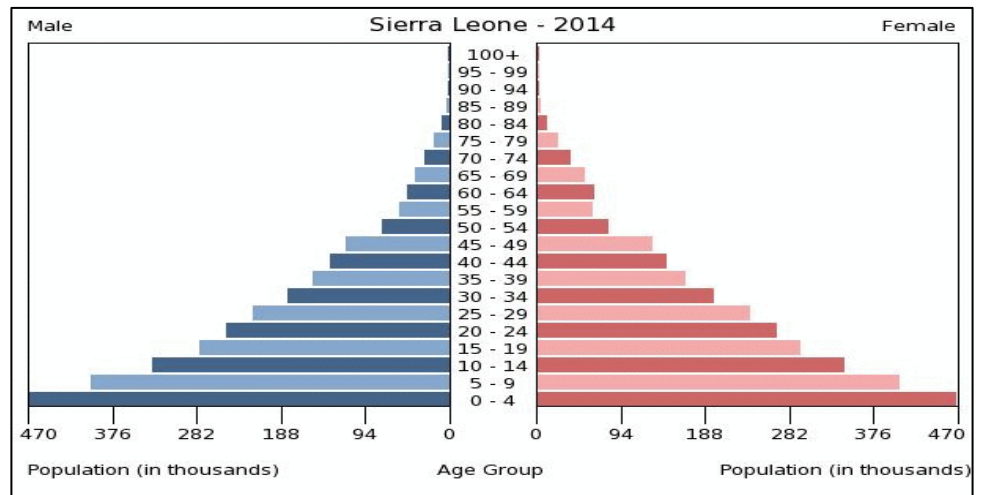
Cooperation: The fact of doing something or of working together towards a shared aim

Our common goal Providing quality health care and attention in St. John of God Mission in Sierra Leone



A Snapshot of Sierra Leone

	Sierra Leone	Spain
Population	6,092,075	46,926,963
Expected years of schooling	7,5	17,1
Life expectancy in years	45.6	82.1
Child mortality (< 5 yrs) (deaths per 1,000 live births)	182	5
Maternal mortality (deaths per 100,000 live births)	890	6
Fertility rate	4.8	1.5
Doctors in the country	136	232,816
Paediatricians in the country	2	9,544



2005 – 2015, Ten Years Together

2005

- **Beginning of the Twinning Programme**
- Support in paediatrics
- Telephone via satellite
- Internship in BCN: Gibril Conthe

The Twinning Programme - The Pioneers



2005 – 2015, Ten Years Together

2006

- Support in paediatrics, paediatric surgery and anaesthesia, laboratory and stores
- **Start of Telemedicine**
- Equipment of the first operating theatre
- Internship in BCN: Lamin Bah

2005 – 2015, Ten Years Together

2007

- Support in paediatrics, theatre, laboratory, administration and pharmacy
- First permanent paediatric doctor
- Creation of the Blood Bank
- **Beginning of Apadrina un Tractament**
- Approval of the School of Nursing
- Infrastructures: laundry
- Internship in BCN: Mamusu Kamara
- Premio Ordesa for Telemedicine
- Communication:
 - Congreso de Oncología

2005 – 2015, Ten Years Together

2008

- Support in paediatrics, theatre, gynaecology, pharmacy and administration
- Campus Docent joined the Twinning Programme
- **School of Nursing: first students**
- **Internet in the hospital**
- Infrastructures: mortuary
- Events in Barcelona: 200 Tambors per Africa
- Premi Natura for Burkitt Lymphoma Programme
- Communication:
 - VI Congreso SEMT SP. Segovia. Premio Poster
 - I Congreso SEO HP. Oviedo
 - XXIX Reunión grupo latino de Pediatría. Barcelona
 - XV Reunión Anual de la SCP. Berga
 - 40 Congreso SIOP. Berlín. Premio Poster
 - Jornadas SIGNO. Murcia

2005 – 2015, Ten Years Together

2009

- Support in paediatrics, theatre, gynaecology and obstetrics
- Contract signed between the 2 hospitals
- School of Nursing: new building
- Infrastructures: kitchen
- Events in Barcelona: Exposition at Palau Robert
- Events in Barcelona: Concerts at Palau Robert
- **1€ de la Nómina**
- Communication:
 - Congreso Internacional de Bioética. Gijón
 - Jornadas solidarias. Son Dureta. Palma de Mallorca

2005 – 2015, Ten Years Together

2010

- Support in paediatrics, theatre, obstetrics and administration
- **First training courses in nursery**
- Premi Parera
- Refurbishment of the Maternity Ward and the Brothers' House
- Infrastructures: Students Hostel
- Internet in the School of Nursing
- Internship in BCN: Mohamed Sheku
- Communication:
 - Colegio de Médicos. Barcelona
 - Congreso Internacional iSA. Palma de Mallorca
 - Colegio de Farmacéuticos. Valencia
 - Curso de Cooperación en Pediatría. Barcelona
 - I Global Congress of Maternity and infant Health. BCN
 - 42 Congreso de la SIOP. Boston. EEUU

2005 – 2015, Ten Years Together

2011

- Support in paediatrics, obstetrics and administration
- Training in dentistry
- Last permanent paediatric doctor
- **Installation of Solar Panels – 24 hour electricity**
- Improvement of the water supply
- Equipment for the 2nd operating theatre
- Infrastructures: dressing room
- Communication:
 - SEM. Hospital Valle d'Hebron. Barcelona
 - 57 Congreso Internacional. SEDO. Barcelona
 - Premio de las Ciencias Medicas. Histopatología
 - Premio Bada. COMB. Histopatología
 - Premio Bada. Beca

2005 – 2015, Ten Years Together

2012

- Support in administration
- Training course in Cardio Pulmonary Resuscitation
- Study of the pneumococcus prevalence
- Death of Mamuso Kamara
- Creation of the Granada Pure Drinking Water Plant
- Infrastructures: polyvalent hall, toilets, paediatrics opd, x-ray room, emergency room
- **Start of the Twinning Programme Blog**
- Br. Manuel Garcia Viejo's Golden Jubilee
- Events in Barcelona: Feria de Benicassim
- Communication:
 - Programa de formación de enfermería en Sierra Leona. 5 minuts
 - Congreso de Enfermería. Bilbao

2005 – 2015, Ten Years Together

2013

- Support in paediatrics, paediatric surgery, administration and School of Nursing
- Training course in obstetric ultrasound and abdominal ultrasound
- Presence at the School of Nursing's 3rd Graduation Ceremony
- **Beginning of the Global Laboratory Initiative Project (Probitas)**
- Internship in BCN: Beatrice Bangali

2005 – 2015, Ten Years Together

2014

- Participation in the Strategic Plan of the Sierra Leone Mission
- Presence at the School of Nursing's 4th Graduation Ceremony
- Internship in BCN: Mary Sawyer
- Provincial Chapter: new director Br. Michael Koroma
- **Outbreak of Ebola Virus**
- Death of Br. Manuel Garcia Viejo
- Fundraising activities:
 - Fons Català de Cooperació
 - Implica't
 - Fundació Roviralta
 - Odontologia Solidaria
 - Parroquia d'Esplugues

2005 – 2015, Ten Years Together

2015

- Fundraising activities :
 - Agencia Catalana de Cooperació al Desenvolupament
 - Sr. Uriarte
 - Asociación Española de Pediatría
- Jointventure with Africa Viva
- Trip to asses needs
- Coordination with other actors in Mabesseneh
- **New approach for the Twinning Programme**
- Course in BCN: br. Michael Koroma

The Twinning Programme – Partners

1. Collaborators

- **STAFF of Hospital Sant Joan de Déu Barcelona, Esplugues**
- **Campus Docent Sant Joan de Déu**
- Fundación Probitas: Proyecto GLI
- Fundació Altahia
- Parc Sanitari Sant Joan de Déu
- Odontologia Solidaria
- Farma Mundi
- Juan Ciudad ONG
- Universidad de Zaragoza
- and many other volunteers

The Twinning Programme - Evolution

2. Ex-pats

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Doctors	5	14	16	9	12	10	10	7	7	1	2
Nurses	6	14	13	11	7	3	4	-	3	1	-
Pharmacists	-	1	1	1	1	1	1	-	-	-	-
Admin/Technicians	-	7	1	4	3	6	5	1	3	3	1
Students/Volunteers	-	10	5	3	2	3	2	3	7	1	-

Total volunteers = 231

The Twinning Programme - Evolution

3. Apadrina un Tractament

	2007	2008	2009	2010	2011	2012	2013	2014	2015
Children	1.304	2.402	2.256	2.298	2.433	2.625	2.972	983	197
Cost (€)	20.104	42.963	43.687	58.430	90.229	90.066	93.352	13.952	10.400

Number of Children = 17.470 -- 463.183€

The Twinning Programme - Evolution

4. Economic Data

	2006	2007	2008	2009	2010	2011	2012	2013	2014
Incomes (Donations)	177.590	237.756	401.008	229.286	413.177	353.672	157.215	136.215	158.456
Expenditures	266.817	300.987	368.961	260.085	382.691	433.445	188.094	172.707	88.905
Contribution HSJD	89.222	63.231	-32.047	30.799	-30.486	79.772	30.879	36.536	-69.551

Total donations = 2.264.375€

The Twinning Programme - Evolution

5. SJGCH Mabesseneh Activity

	2007	2008	2009	2010	2011	2012
Out Patients	24,320	29,054	22,280	22,395	24,180	21,764
OPD Paediatrics	5,820	10,521	7,402	7,626	8,231	8,128
In Patients admissions	2,225	3,067	3,125	3,065	2,379	2,648
Paediatric admissions	1,306	2,402	2,256	2,298	2,326	2,797
Emergencies		1,242	1,446	1,981	1,568	985
Surgeries		906	956	896	823	736
Caesarean Sections		166	168	150	203	182
Deliveries		395	283	396	676	350
Bed capacity	135	135	135	135	149	149
Staff	97	114	125	134	140	143

The Ebola Outbreak



The Ebola Outbreak

Ebola deaths

Figures up to 17 June 2015

11,193

Deaths - probable, confirmed and suspected

(Includes one in the US and six in Mali)

4,806 Liberia

3,926 Sierra Leone

2,446 Guinea

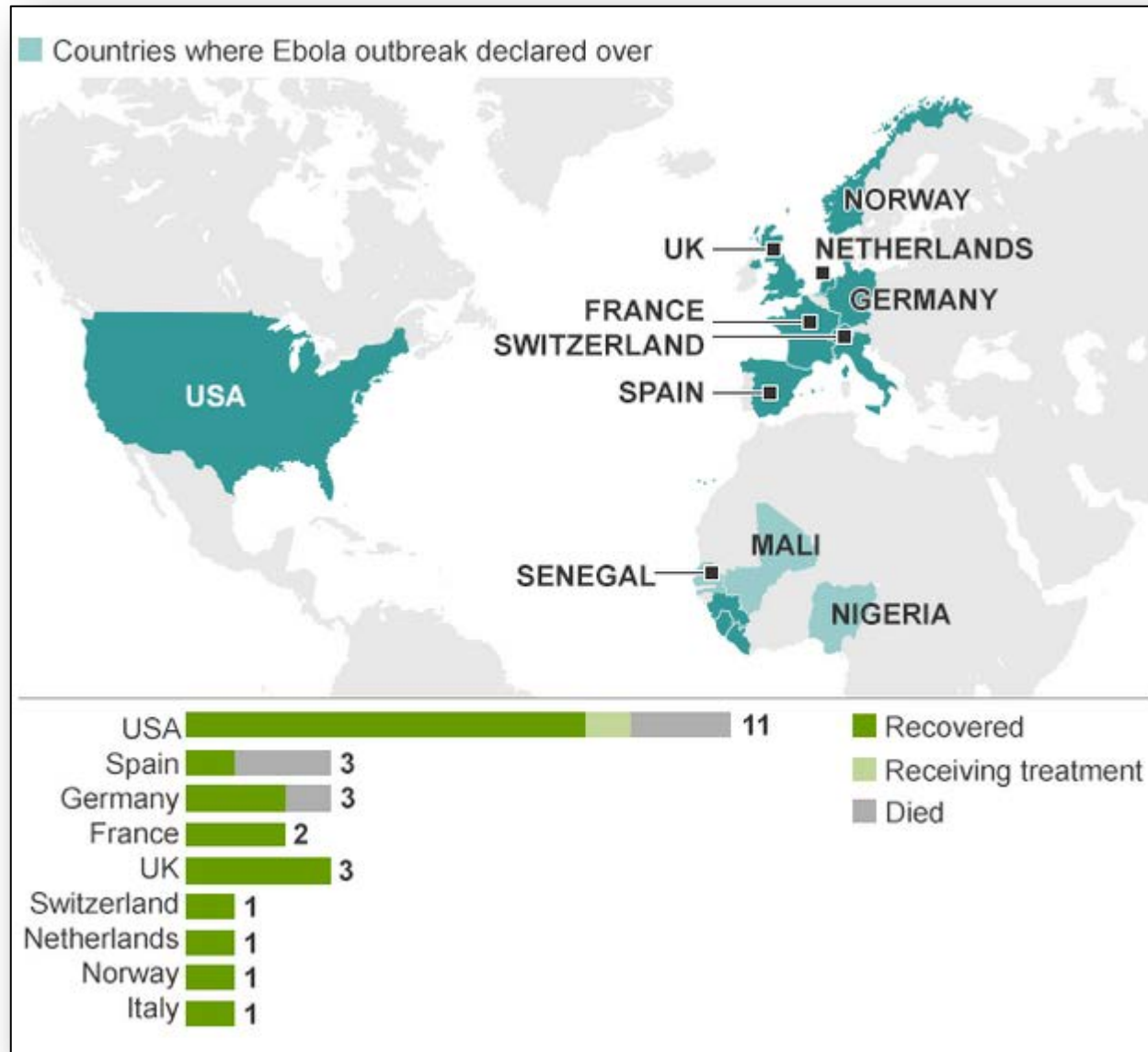
8 Nigeria

Source: WHO



Getty

The Ebola Outbreak

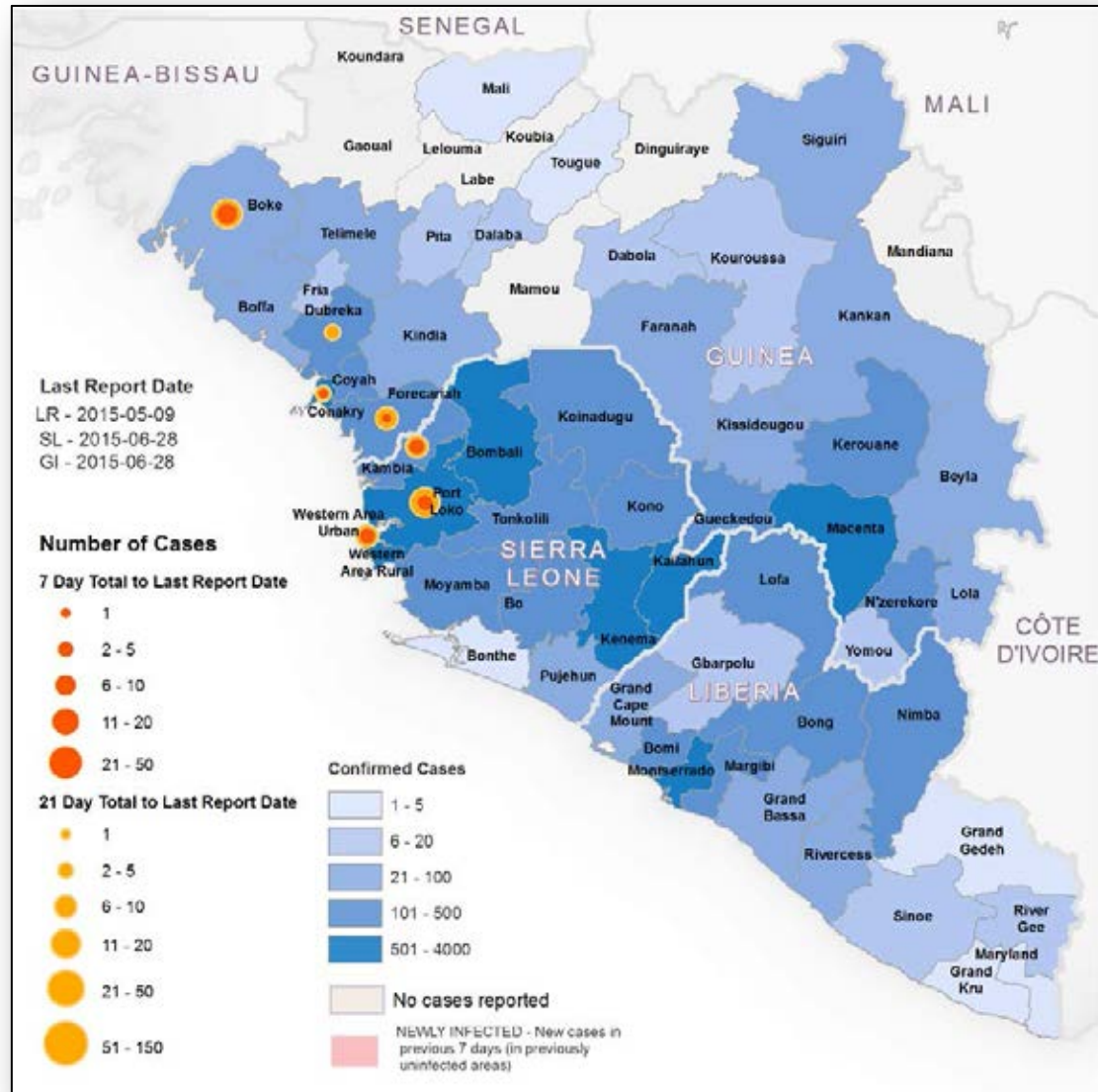


The Ebola Outbreak

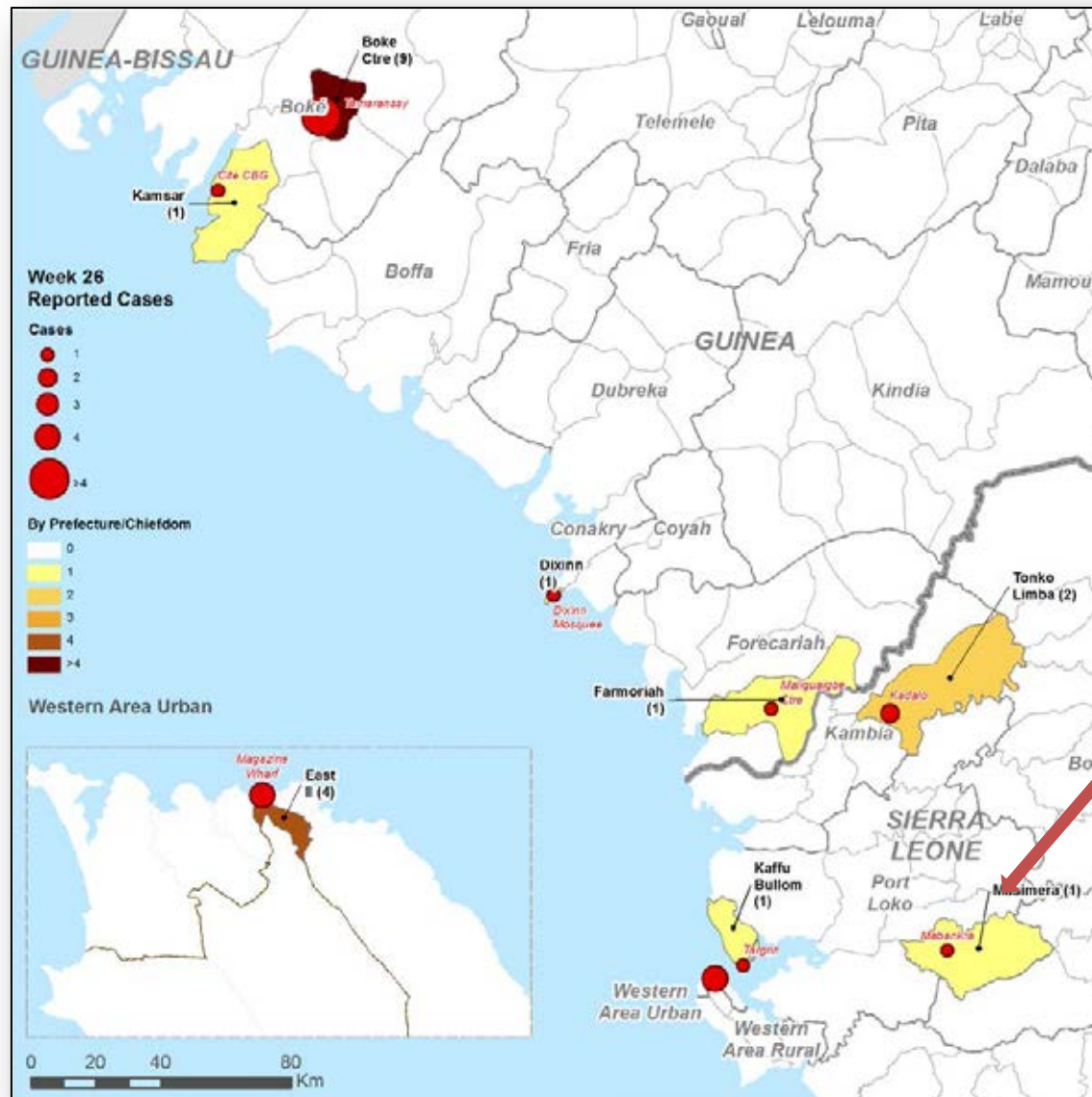
Country	Cases	Last 21 days	Deaths
Guinea	3.729	34	2.482
Sierra Leone	13.119	30	3.932
Liberia	10.669	3	4.807
Total	27.517	67	11.221

<http://apps.who.int/ebola/current-situation/ebola-situation-report-1-july-2015>

The Ebola Outbreak



The Ebola Outbreak



Mabesseneh

The Ebola Outbreak – Social & Economic effects

- Loss of confidence in the health service
- Closure of schools and educational centres
- Closure of markets
- Lack of transportation
- Closure of mines and other businesses
- Inability to pay for medical services
- Increased use of native medicine
- Economic crisis

The Ebola Outbreak – Effects on Health

- Uncontrolled pregnancies and home deliveries
 - Increase in maternal and newborn deaths
 - Increase in neonatal sepsis
- Increase in adolescent pregnancies
- Increase in malnutrition
- Increased number of malaria cases
- Interruption of the immunization program
 - Increase in preventable infectious diseases: Measles, tetanus
- Delayed diagnosis
- Intoxication, poisoning (native medicine)
- Long term effects of Ebola Survivors

Ebola in Mabesseneh

June 10th	1 st patient from Kambia visits the hospital with abdominal pain, diarrhoea and vomiting
June 16th	3 staff from the Emergency Unit complained of sickness
July 9th	1 staff died – Hawanatu Sesay
July 10th	2 staff died – Isatu Kanu & Dominic Kuyateh
July 11th	1 student died – Fatmata Bangura
July 31st	1 staff died – Aminata Kamara
August 14th	1 staff died – Michaela Conteh
August 18th	Hospital put under quarantine
August 31st	1 staff died – Umar Kanu
September 8th	Hospital reopened
September 15th	1 former staff died – Sylvester Conteh

Ebola in Mabesseneh

September 18th Br. Manuel diagnosed with Ebola

September 22nd Hospital put under quarantine for 2nd time

September 24th Br. Manuel died in Spain

October 2nd 1 staff died – Edward Koroma

October 16th 1 former staff died – Christiana Jabbie

October Started disinfection and renovation of the Hospital

Training of staff

Contact with National Government and local leaders

Sensitization session in the community

Support of Ebola quarantine families

Opening of the Ebola Holding Centre in the Compound

January 2015 Reopening of the Hospital

The Ebola Outbreak: Country protocol

1. Community volunteers trained
2. Isolation of suspected cases in the community
3. Call 117 (Emergency number)
4. Evacuation to the Ebola Centre
5. Diagnosis (PCR)
6. Epidemiological monitoring
7. Quarantine the contacts of suspected cases

The Ebola Outbreak: waiting huts



The Ebola Outbreak: Quarantine protocol

- 21 days of isolation for suspected cases' contacts
- Daily control of their state of health
- Nutritional support
- Surveillance

**Hospital staff participate in the control of
Marampa chiefdom**

The Ebola Outbreak: Quarantine protocol



The Ebola Outbreak: Hospital organisation

- Triage by trained staff
- Daily staff meetings
- Strict compliance with safety protocols
 - PPE and disinfection measures
 - Restriction of movement
 - Restriction and control of family visits
 - Inpatient /outpatient classification (dry/wet/ airborne)
 - Restriction of testing of biological fluids
- IPC supervision
- Communication to the Burial Team

The Ebola Outbreak: Hospital organisation



The St. John of God Catholic Hospital - Today

- Services provided:
 - Out patients consultation
 - General surgery
 - Orthopedic surgery
 - Obstetrics and gynecology
 - Internal medicine
 - Paediatric medicine
 - Primary Health care
- Facilities:
 - 2 operating theatres
 - Delivery room and Labour room
 - Laboratory
 - X-Ray
 - Emergency room
 - Triage



Ebola Survivors

Patrick, proud of his certificate to show he survived Ebola

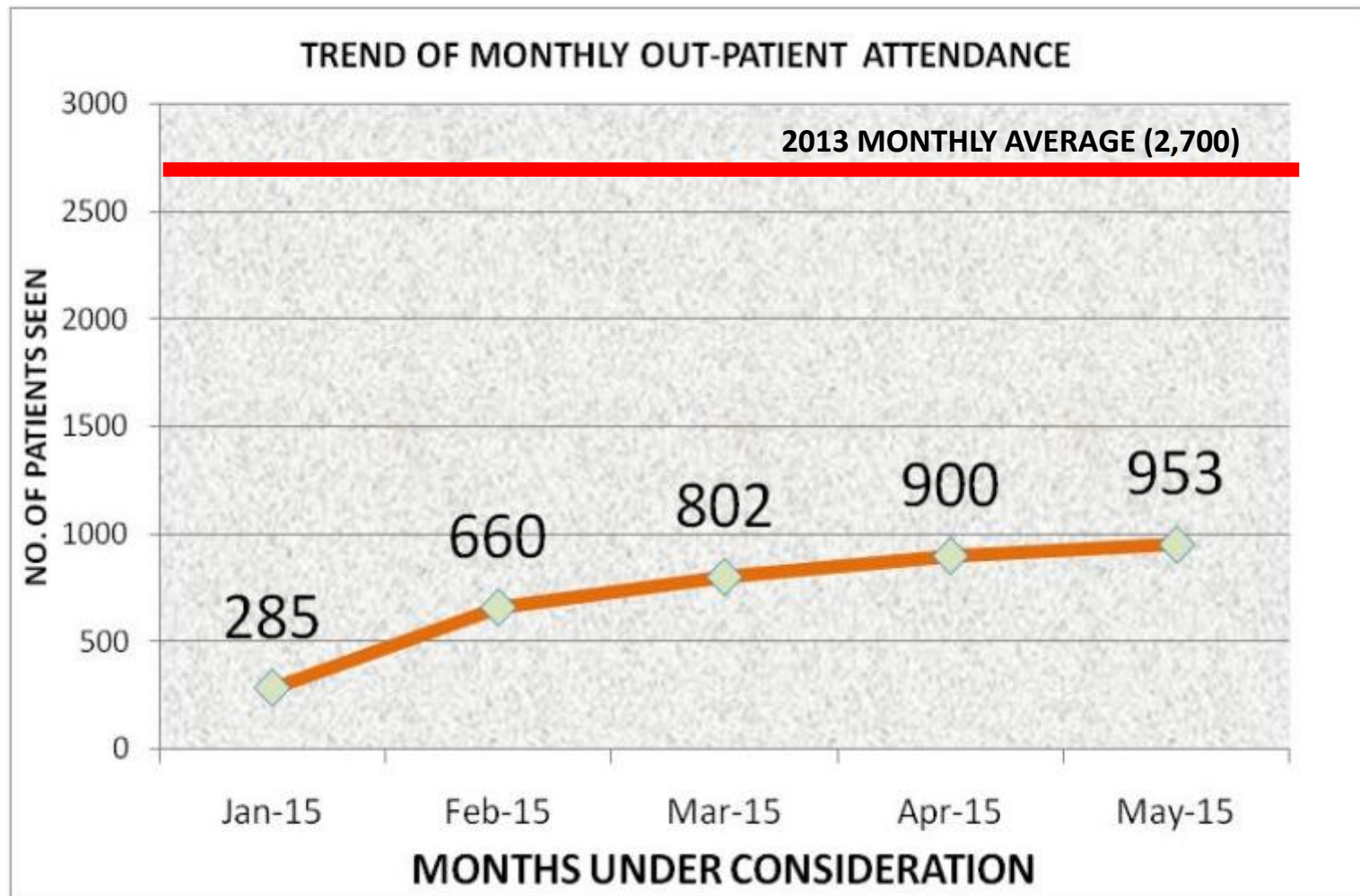


Twinning Programme post 2015

New approach defined in accordance with:

1. The Strategic Plan of the St. John of God Mission in Sierra Leone
2. Sierra Leone's Recovery and Transition Priorities
3. Sustainable Development Goals set by the UNDP

Projects for the Future – SJGCH OPD Activity



Sierra Leone Priorities

Assessment: findings on health systems

- Child health utilization dramatically reduced all levels
- Water – inconsistent; no power in some facilities
- Lack of hand hygiene consumables
- Deficits in medical equipment & maintenance
- Poor linen & laundry management
- Weak health worker capacity
- Facility underutilization
- Laboratory capacity grossly inadequate
- Ineffective healthcare waste management
- Weak management system at all levels.
- Inadequate patient & community engagement

“To build functional and resilient national and sub-national health systems that deliver safe, efficient and high quality health care services that are accessible, equitable and affordable for all Sierra Leoneans”

Projects for the Future

- Recover OPD patient numbers
- Recover In Patients and Maternal Health numbers
- Continue and increase Primary Health Care
- Train and educate Staff to improve the quality of care
- Continue and increase education and sensitization in the Communities
- Improve the Data Management System
- Improve Hospital equipment and facilities
- Start research

Activities – how can you help ?

For Sierra Leone, we need hospital personnel:

- Paediatrician
- Gynaecologist
- Paediatric surgeon
- Nursing supervisors
- Administrative staff
- IT manager
- Researchers

Activities – how can you help ?

For Sierra Leone, we need teachers:

- Triage Out Patients
- Abdominal ultrasound
- Diagnosis and gynaecology ultrasound
- Heart ultrasound and ECG
- CPR
- Diagnosis in paediatrics
- Diagnosis in Primary Health Care
- Laboratory
- Administration and data management

Activities – how can you help ?

For Sierra Leone, we need funds and donations for:

- Medical Equipment (hospital + PHC)
- Digital X-Ray
- Drugs, medical supplies, nutritional products,
- Laboratory Equipment
- Computers
- Furniture for the wards
- Shelving for the stores
- Lockers for the staff changing rooms
- Compound fence
- Tarmac the compound
- Solar panels (School of Nursing + Lungi)
- Support all the activities
-

Thank You!!!



Sant Joan de Déu 
HOSPITAL MATERNOINFANTIL - UNIVERSITAT DE BARCELONA

The Ebola Outbreak

THE EBOLA FIGHTERS



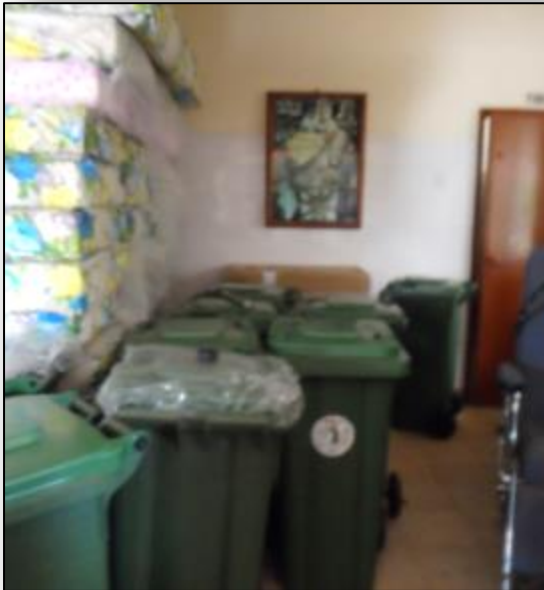
Equipment and procedures



The Ebola Outbreak



Disinfection



Teaching and training



Working with and in the communities



According to MHO's guidelines



NGO's cooperation



The Ebola Outbreak



The St. John of God Catholic Hospital - Lunsar



The St. John of God Catholic Hospital - Lunsar



The St. John of God Catholic Hospital - Lunsar



The St. John of God Catholic Hospital - Lunsar



The St. John of God Catholic Hospital - Lunsar



The St. John of God Catholic Hospital - Lunsar



IPC and Quarantine



Families support



The Ebola Outbreak

IN MEMORIAN

The year 2014 was a challenging period for the hospital which experienced the tragic loss of 13 of our hospital colleagues falling victim to the Ebola virus. With their passing away, we have lost not only good colleagues, but also brave and exceptional people. Their fight against the epidemic will always be a part of our history as an organisation.

1. Elvis Kamara	Janitor	† June 10, 2014
2. Hawanatu Sesay	Pupil Nurse	† July 9, 2014
3. Isata Kanu	Nursing Assistant	† July 10, 2014
4. Dominic Kuyateh	Security Guard	† July 10, 2014
5. Fatmata Bangura	Nursing Assistant	† July 11, 2014
6. Aminata Kamara	Nurse	† July 31, 2014
7. Michaela Conteh	Nurse	† August 14, 2014
8. Umar Kanu	Nurse	† August 31, 2014
9. Sylvester Conteh	Laundry Assistant	† September 15, 2014
10. Rev. Bro. Manuel Garcia Viejo	Medical Doctor	† September 25, 2014
11. Edward Koroma	Carpenter	† October 2, 2014
12. Christiana Jabbie	Pupil Nurse	† October 16, 2014
13. Saffiatu Deen Kanu		

The Ebola Outbreak

We regret to inform the general public of the death of our late Rev Brother Manuel García Viejo who died on the 25th September 2014.



Rest in Peace Brother

EBOLA FACT SHEET

Introduction

Neighbouring Guinea has been affected by an outbreak of Ebola. Many people have been affected and others have died. Although this disease is serious and kills a short time, it can be prevented. This leaflet provides information on what Ebola disease is, how it spreads and how it can be prevented.

What is Ebola?

Ebola is a killer disease caused by a virus. It spreads quickly by person to person, left in a person BUT can be prevented.

How is Ebola spread?

It is spread through:

- Direct contact with infected body fluids like blood, saliva, vomitus, stool and urine of infected person or salivary or such fluids from an infected person to another person.
- Un-sterilised instruments.

How can Ebola be prevented?

- Avoid direct contact with body fluids like blood, saliva, vomitus, stool and urine by wearing protective materials like gloves and goggles.
- Do NOT touch wounds of an infected person with unprotected hands.
- Do NOT use skin piercing instruments that have been used on an infected person.
- Do NOT touch dead bodies of suspected Ebola cases. Limit unnecessary handling and alert a health worker immediately.

Wash hands with soap and water after contact with body fluids or after contact with infected person.

Annex 4: Technique for donning and removing non-sterile examination gloves

When the hand hygiene indication occurs before a contact requiring glove use, perform hand hygiene by rubbing with an alcohol-based handrub or by washing with soap and water.

1. HOW TO DON GLOVES:



Together, There's Hope!



Sant Joan de Déu 

HOSPITAL MATERNOINFANTIL - UNIVERSITAT DE BARCELONA