

## CARLOS NAVARRO-COLORADO

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DOB: 02 May 1969

Nationality: Spanish

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### **Key professional skills and experience:**

#### **Medical Epidemiology and Operational Research in Humanitarian Emergencies**

**20+ years of experience in different aspects of international emergency response**

**Worked with most key NGO, UN and Government actors**

**15+ years as medical epidemiologist, both as field epidemiologist and operational research**

**10+ cumulative years of field work, with 6 years permanently based in Africa**

**10+ years in leadership roles in headquarters or as external consultant for major institutions**

**Experience managing teams of up to 20 direct supervisees, and teams with up to 200 workers**

**Long experience in teaching and training international and national staff**

**Long experience in program planning and policy development**

**Extensive experience in set up, implementation and dissemination of operational research**

**Excellent diplomatic and interpersonal skills**

**Excellent oral and written communication skills in 4 international languages**

**Experience in critical decision making under difficult environments**

### **Current Affiliations:**

<b>2010 – present</b>	<b>Medical Epidemiologist. Senior Service Fellow. CDC/CGH/DGHP/ERRB</b>
2012 – present	Associated Assistant Professor, Rollins School of Public Health. Emory University

### **Awards:**

2015	Nominated to the Charles C. Shepard Science Award, CDC
2012 – 2014	'Achieved outstanding results' – Performance Management Appraisal, CDC
2014	Excellence in Emergency Response. Syrian Crisis Response Team. CDC
2014	Excellence in Emergency Response. Syrian Crisis Response Team. CGH
2012	Excellence in Emergency Response. Horn of Africa Famine Response Team. CGH
1997	British Council - Masters studies Scholarship

### **Higher Education:**

2005	<b>PhD.</b>	University of Aberdeen, Scotland, UK.
1998	<b>MSc (Epidemiology).</b>	London School of Hygiene & Tropical Medicine. UK.
1994	<b>Masters in Tropical Medicine.</b>	Universidad Autónoma Barcelona. Spain
1993	<b>Medical Doctor</b>	Universidad de Alicante (today, U. Miguel Hernández). Spain

**Working languages:** Spanish, English, French and Portuguese.

## **Employment history summary and main Field Deployments:**

### **CDC – Medical Epidemiologist. 2010 – present:**

2015	CDC	Liason Officer at OFDA Ebola-Response Management Team	US
2013	CDC	Syrian refugees, camp and urban	Jordan
2013	CDC	Flooding, EWARN system	Mozambique
2012	CDC	Maban camp, Sudanese population	South Sudan
2012	CDC	Sahel nutrition crisis	Senegal
2011	CDC	Dadaab camp, Somali refugees (UNHCR)	Kenya
2011	CDC	Nodding Syndrome Case Control investigation	South Sudan

### **Independent Consultant (selection of main contracts). 2005-2010 (overlapping dates):**

2010	Save the Children	Earthquake Emergency response support	Haiti
2009 – 2010	UNICEF	Development of national CMAM protocols	Somalia
2009 – 2010	ICRC	Senior nutrition advisor (CMAM) – Plumpy'doz study	Somalia
2009	ICRC	Senior nutrition research advisor	Darfur, Sudan
2009	MSF – Spain	Lobbying advisor before Spanish Cooperation Agency	Spain
2008 – 2009	MSF – Spain	HIV-nutrition study. Principal Investigator	Zambia
2008 – 2012	European Commission	Member of the EC-Nutrition Advisory Service	Belgium
2008 – 2010	ENN	SFP Defaulting and Access Study. Principal Investigator	Ethiopia, Sudan, Chad
2008 – 2010	ENN	SFP Minimum Reporting Package. Project Director	
2008	Global Nutrition Cluster	“Harmonized Training Manual”. Chapter 13 – SAM treatment	
2007	FANTA / USAID	Review of integration of CMAM programs	Ethiopia, Malawi, Niger
2006 - 2007	ENN	Supplementary Feeding Programs Review	
2005	Action Contre la Faim	Adult malnutrition guidelines	DRC - desk

### **Action Contre la Faim/Action Against Hunger (ACF). 1995 - 2004:**

2000 – 2004	ACF	Head of research and development, Headquarters	Paris
		Principle investigator in studies implemented in:	Angola, Sierra Leone, DRC, and others
1999 – 2001	ACF	Field Doctor, Medical & nutrition coordinator, Researcher	Congo-Brazza
1999 – 2000	ACF	Field Doctor, Medical & nutrition coordinator, Researcher	Burundi
1996 – 1997	ACF	Field Doctor, Medical coordinator	South Sudan
1995 – 1996	ACF	Field Doctor, Medical coordinator	Mozambique

### **Epicentre. 1998:**

1998	Epicentre	Medical Information Officer	South Sudan
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### **Doctors Without Borders (MSF). 1994 - 1995:**

1995	MSF	Field Medical Coordination, Rwandan refugee camps	Tanzania
1994 – 1995	MSF	Headquarters technical support (volunteer work)	Spain

### **Current Expert groups:**

<b>2013 - present</b>	Wellcome Trust/DFID	Funding Committee, Research for Health in Humanitarian Crisis (R2HC)
<b>2012 - present</b>	Global Nutrition Cluster	Task force on Integration of Management of Acute Malnutrition in health systems
<b>2015 - present</b>	U. Sheffield, UK	Board of Experts, Systematic review on Acute Malnutrition in Emergencies
<b>2014 - present</b>	ACF	Steering committee - MAM'Out study on prevention of malnutrition
<b>2014 - present</b>	ACF	Working group - MANGO study on low dose treatment of acute malnutrition

### **Past Expert groups and Speaking invitations (selection):**

<b>2015</b>	Epicentre	Scientific Day, 2015 - Round table on the measurement of program coverage
<b>2015</b>	ACF	Steering Committee - Study on psycho-social support on treatment of malnutrition
<b>2013</b>	Evidence Aid	Priority Setting Group (drafted priority research questions for emergencies)
<b>2012</b>	WHO	Nutrition Guidance Advisory Group (drafted guideline for treatment of malnutrition)
<b>2011</b>	WHO	Expert group on the Review of the WHO Verbal Autopsy Instruments
<b>2011</b>	ECHO	Annual Technical meeting: Speaker on New Products to treat Acute Malnutrition
<b>2010</b>	The Sphere Project	The Sphere Project. Review and contributions to 3rd edition
<b>2009 – 2011</b>	WHO	Health and Nutrition Tracking Service (HNNTS), Expert Reference Group
<b>2008 - 2012</b>	European Commission	Member of the EC-Nutrition Advisory Service
<b>2008 - 2010</b>	ENN	Technical moderator. EN-NET email discussion group on malnutrition
<b>2008</b>	USAID/FANTA	Key note speaker: International workshop on CMAM integration, Washington DC
<b>2009</b>	MSF	Key note speaker: General Assembly - MSF-Spain. 2009
<b>2007 - 2008</b>	ACF	Key note speaker: General Assembly - Action Contre la Faim. 2007 and 2008
<b>2007</b>	ENN	Advisory Group Moderate Malnutrition Studies: research agenda on malnutrition
<b>2002</b>	USAID	SMART meeting on survey methods in Washington DC – Launch of SMART
<b>2001</b>	UN - Subcommittee Nutrition	Expert Panel on the Assessment of Adult Malnutrition at 28th SCN meeting

### **Main Professional Achievements:**

- Introduced treatment of Severe Acute Malnutrition in remote areas of Somalia, with ICRC and UNICEF
- Started ACF 'research and development' capacity years before most NGOs started investing in research
- Pioneered the use of RUTF with robust operational research methods
- Pioneered community-based treatment of acute malnutrition and tested it with field clinical trials
- Pioneered the use of field trials with high scientific standards for field research in emergencies
- Developed standards for monitoring of nutrition programs in emergencies (Minimum Reporting Package)
- Developed and tested innovative interventions for prevention of acute malnutrition (SFP Review)
- Implemented outbreak investigation and control for Measles, Hep. E, Cholera and others in emergency settings
- Implemented one of the pioneering case-control studies on Nodding Syndrome in South Sudan
- Implemented EWARN and mortality surveillance in refugee camps and resource poor settings
- Implemented a large number of malnutrition and mortality surveys, and contributed to methods development
- Developed anthropometric and clinical criteria for the diagnosis of malnutrition in adults
- Stayed at the forefront of discussions and debates in humanitarian health and nutrition for over 10 years
- Contributed to international guidance and policy development in emergencies for all major donors and NGOs
- Influenced funding decision-making in humanitarian intervention and research for major donors and NGOs
- Contributed to training a new generation of practitioners in nutrition and health in humanitarian emergencies
- Developed and implemented public health programs adapted to populations in distress after emergencies
- Provided direct assistance to victims of disasters from the front line for more than 10 years
- Managed large teams of national and international humanitarian workers

## **Teaching:**

Course director for Food and Nutrition in Complex Humanitarian Emergencies at the Masters of Public Health, Rollins School of Public Health, Emory University.

Course director for Epidemiology in Emergencies at the Erasmus Mundus Masters Course in Public Health Disasters, organized by Universidad de Oviedo (Spain) / Lovaine University (Belgium) / Karolinska Institutet (Sweden).

Teaching and curriculum development on nutrition and health in emergencies at masters level at Emory University, Tufts University, Tulane University, London School of Hygiene and Tropical Medicine, Liverpool School of Tropical Medicine, University College of London, Sorbonne-Pitié Salpêtrière University Hospital, and Universidad Autónoma de Barcelona amongst others.

Training of doctors and health workers as part of Continuous Medical Education or programme implementation in Congo-Brazzaville, Burundi, Mozambique, Congo-Kinshasa, Haiti, South Sudan, Morocco, Kenya, and Somalia amongst others.

Training of international humanitarian workers for Action Contre la Faim (ACF), Doctors Without Borders (MSF), Médecins du Monde (MdM), and many others.

Supervision and mentoring of students at Masters and Doctorate level with Emory University, Sorbonne-Pitié Salpêtrière, London School of Hygiene and Tropical Medicine, Universidad Autónoma de Barcelona, Karolinska Institutet and University of Queensland.

## **Peer Review and Contributions to publications:**

Regular peer-reviewer for the scientific journals: Disasters, BioMed Central, Global Health: Science and Practice.

Invited reviewer and contributor for a large number of policy documents, guidelines, field reports and scientific papers from UNHCR, UNICEF, WHO, UN-SubCommittee on Nutrition (SCN), Save the Children, Doctors Without Borders (MSF), Action Contre la Faim (ACF), Food and Nutrition Technical Assistance (FANTA), Epicentre, European Commission and ECHO, USAID/OFDA, CDC as well as national guidelines from several governments.

## **Publications: Book chapters and guidelines (as Main author):**

- **CDC.** Health in Humanitarian Emergencies. Cambridge University Press. Malnutrition chapter. (in process)
- **UNICEF.** Risk Informed Programming guidelines. Health sector section. (in process)
- **IASC/Global Nutrition Cluster/Nutrition Works.** *Harmonized training materials package. Module 13: Therapeutic care.* IASC – Global Nutrition Cluster, UNICEF, NY, 2008.
- **Navarro-Colorado C.** *Adult malnutrition: Field guidelines for diagnosis and treatment.* Action Contre la Faim. Paris, 2006.
- **UNICEF.** Somali guidelines for Management of Acute Malnutrition. Nairobi, 2010.
- **Ministry of Health. Government of Republic of Congo.** [Guidelines for the treatment of acute malnutrition]. Brazzaville, 1999.
- **EU Nutrition Advisory Service.** Addressing undernutrition in external assistance - an integrated approach through sectors and aid modalities. Reference document 13. Brussels, 2011.

### **Publications: Peer-reviewed papers:**

- James PT, Van den Briel N, Rozet A, Israël AD, Fenn B, **Navarro-Colorado C**. Low-dose RUTF protocol and improved service delivery lead to good programme outcomes in the treatment of uncomplicated SAM: a programme report from Myanmar. *Matern Child Nutr*. 2015 Apr 7. doi: 10.1111/mcn.12192.
- Ager A, Burnham G, Checchi F, Gayer M, Grais RF, Henkens M, Massaquoi MB, Nandy R, **Navarro-Colorado C**, Spiegel P. Strengthening the evidence base for health programming in humanitarian crises. *Science*. 2014 Sep 12;345(6202):1290-2. doi: 10.1126/science.1254164.
- **Navarro-Colorado C**, Mahamud A, Burton A, Haskew C, Maina GK, Wagacha JB, Ahmed JA, Shetty S, Cookson S, Goodson JL, Schilperoord M, Spiegel P. Measles outbreak response among adolescent and adult Somali refugees displaced by famine in Kenya and Ethiopia, 2011. *J Infect Dis*. 2014 Dec 15;210(12):1863-70. doi: 10.1093/infdis/jiu395.
- **Evidence Aid Priority Setting Group EAPSG**. Prioritization of Themes and Research Questions for Health Outcomes in Natural Disasters, Humanitarian Crises or Other Major Healthcare Emergencies. *PLOS Currents Disasters*. 2013 Oct 16. Edition 1. doi: 10.1371/currents.dis.c9c4f4db9887633409182d2864b20c31.
- Mahamud A, Burton A, Hassan M, Ahmed JA, Wagacha JB, Spiegel P, Haskew C, Eidex RB, Shetty S, Cookson S, **Navarro-Colorado C**, Goodson JL. Risk factors for measles mortality among hospitalized Somali refugees displaced by famine, Kenya, 2011. *Clin Infect Dis*. 2013 Oct;57(8):e160-6. doi: 10.1093/cid/cit442.
- Ahmed JA, Moturi E, Spiegel P, Schilperoord M, Burton W, Kassim NH, Mohamed A, Ochieng M, Nderitu L, **Navarro-Colorado C**, Burke H, Cookson S, Handzel T, Waiboci LW, Montgomery JM, Teshale E, Marano N. Hepatitis E outbreak, Dadaab refugee camp, Kenya, 2012. *Emerg Infect Dis*. 2013 Jun;19(6):1010-2. doi: 10.3201/eid1906.130275.
- Reik, L., Abubakar, A.; Opoka, K.; Mindra, G.; Sejvar, J.; **Navarro-Colorado, C.**; Blanton, C.; Ratto, J.; Bunga, S.; Foltz, J. (2012). Nodding Syndrome-South Sudan, 2011. *MMWR*, vol 61, pg 52-54, 2012
- Spiegel P, Burton A, Tepo A, Jacobson L, Anderson M, Cookson S, Bilukha O, Blanton C, **Navarro-Colorado C**, Ahmed J, Notes from the field: Mortality among refugees fleeing Somalia – Dadaab refugee camps, Kenya, July – August 2011. *MMWR*, vol 60(33), pg 1133, 2011
- **Navarro-Colorado C**, Fournier AS, Verdenal L, Ververs MT. Therapeutic feeding centres for severe malnutrition. *The Lancet*. 2002 Jan 19;359(9302):259-60.

### **Publications: Non peer-review papers and Public reports (selection):**

- **Navarro-Colorado C**, Laquiere S. Use of solid ready-to-use therapeutic food vs. F100 milk for rehabilitation of severe malnutrition during emergencies. A Clinical trial in Sierra Leone. *Field Exchange*. 2005. 24, 22 – 24.
- Daudet A, **Navarro-Colorado C**. Socio-anthropological aspects of home recovery from severe malnutrition. *Field Exchange*. 2004. 21, 24-26
- **Navarro-Colorado C**, Mason F, Shoham J. Measuring the effectiveness of Supplementary Feeding Programmes in emergencies. *ODI-HPN Network Paper* 63. 2008
- Deconinck H, Swindale C, Grant F, **Navarro-Colorado C**. Review of community based management of severe malnutrition (CMAM) in the post-emergency context: Synthesis of lessons on integration of CMAM on national health systems. *FANTA*. 2008
- **Navarro-Colorado C**. Dying of hunger where there is no hunger? *MSF journal* - Issue 75. May 2008.
- **Navarro-Colorado, C**. Retrospective study of emergency Supplementary Feeding Programs. *Save the Children*. 2007
- Deconinck H, Grant F, **Navarro-Colorado C**. Niger. Review of integration of community-based management of acute malnutrition. *FANTA* report, June 2007.
- Deconinck H, Remancus S, Grant F, **Navarro-Colorado, C**. Ethiopia. Review of integration of community-based management of acute malnutrition. *FANTA* report, May 2007.
- Deconinck H, **Navarro-Colorado C**. Malawi. Review of integration of community-based management of acute malnutrition. *FANTA* report, June 2007.
- **Navarro-Colorado C**, Briend A, Golden M. Comparison of a liquid and solid diet for the rehabilitation of severely malnourished adults: a clinical trial. Action Contre la Faim. 2000

### **Publications: Conference presentations (selection):**

- WHO, UNICEF, WFP and UNHCR Consultation on the **Programmatic Aspects of the Management of Moderate Acute Malnutrition in Children under five years of age**. Geneva, February 2010. Presentation: 'Monitoring nutrition programs in emergencies: the Minimum Reporting Package'.
- WHO, UNICEF, WFP and UNHCR Consultation on the **Programmatic Aspects of the Management of Moderate Acute Malnutrition in Children under five years of age**. Geneva, February 2010. Presentation: 'Defaulting from nutrition programmes: updates from an interagency study'.
- **WHO Informal Expert Meeting on Moderate Malnutrition. Geneva.** October 2008. Presentation: "Validating new foods for Supplementary Feeding"
- **35th session of the UN Standing Committee on Nutrition.** Working Group in Nutrition in Emergencies. Hanoi, March, 2008. Presentation: 'Update on work on measuring impact of Supplementary Feeding Programmes'
- **34rd session of the UN Standing Committee on Nutrition.** Working Group in Nutrition in Emergencies. Interagency Supplementary Feeding Programme Review. Rome, February, 2007. Presentation: 'Review of Supplementary Feeding Programmes: presentation of results'
- **33rd session of the UN Standing Committee on Nutrition.** Working Group in Nutrition in Emergencies. Geneva, March, 2006. Presentation: 'Interagency review of Supplementary Feeding Programmes: methods and update'
- **18<sup>th</sup> International Congress of Nutrition. International Union of Nutritional Sciences. Durban.** Oral communication: "Low BMI does not identify malnutrition nor predicts death during emergencies". September, 2005
- **Navarro-Colorado C,** Knight J, Shoham J. Nutrition Programme Research in Complex Emergencies. Opportunities and Constrains for Development of Evidence Base. 14<sup>th</sup> World Congress on Disaster and Emergency Medicine. Edinburgh. 2005. *Pre-hospital and disaster medicine*, vol 20 – Sup1, page s30. March-April 2005.
- Taylor A, Sadler K, Khara T, Hadera Abay A, Martin J, Kalalu J, Baquet S, Saboya M, Nesbit A, Manary M, Diop EHI, **Navarro-Colorado C.** Panel presentation: Field presentations on CTC and home-based feeding. ENN report on the proceedings of an inter-agency workshop. Oxford: Emergency Nutrition Network, 2003.
- **Navarro-Colorado C,** McKenney P. Comparison of inpatient (TFC) and outpatient (Home treatment) rehabilitation of severe malnutrition in children. A clinical trial of Action Contre la Faim in Sierra Leone. *CTC-workshop. Dublin*, 2003.
- **30th session of the UN Standing Committee on Nutrition.** Working Group in Nutrition in Emergencies. Chennai. 2003. Presentation: 'Rehabilitation of Severe Malnutrition at Home. Research and debate in Action Contre la Faim.'
- **28th session of the UN Standing Committee on Nutrition.** Expert panel: Assessment of Adult Malnutrition. Presentation: 'Assessment of acute malnutrition in adults, new field evidence'. Nairobi. April 2001.
- **27th session of the UN Standing Committee on Nutrition.** Working Group in Nutrition in Emergencies. Washington DC, April 2000. Presentation: 'Update on Adult Malnutrition programs and research in Brazzaville and Burundi.'

### **Publications: Thesis and dissertations:**

- **Navarro-Colorado C.** *Diagnosis and short term prognosis of malnutrition in adults in complex emergencies.* PhD dissertation. University of Aberdeen. Department of Medicine and Therapeutics. May 2005.
- **Navarro-Colorado C.** *Body mass index, Middle upper arm circumference and prediction of death in severe acute malnutrition in adults from Burundi.* MSc dissertation. London School of Hygiene and Tropical Medicine. September 1998.

**Appendix: Additional information on roles played in selected positions:**

Dates	Location	Employer	Position	Description
Feb'10	Haiti	Save the Children	Nutrition Advisor	Development of training materials, implementation of training for Management of Acute Malnutrition. Support and advice on strategy for earthquake response and malnutrition.
Nov'09 - Mar'10	Nairobi	UNICEF	Senior nutrition advisor	Development of national guidelines and training materials for treatment of moderate and severe acute malnutrition for Somalia, under Somalia Nutrition Cluster.
Oct'09 – Mar'12	Brussels, several field locations	European Commission	Senior Nutrition Advisor	Development of nutrition in emergencies policy for European Commission and ECHO, training and dissemination of policy among ECHO workers, assessment of EU programs in the field.
Jul'09 - Aug'09	Nairobi + Somalia	ICRC <sup>1</sup>	Senior Nutrition Advisor	Development of protocols for treatment of Severe Acute Malnutrition for Somali Red Crescent Society and ICRC in isolated areas of central Somalia. Adaptation of protocols to field constraints. Training of field staff and set up of Community based management of acute malnutrition programs. Development of training materials, supervision materials, monitoring and evaluation tools and training of supervisors.
May'09	Desk-based	ICRC	Senior Nutrition Research Advisor	Design of a field research protocol and research instruments for testing RUTFs for prevention of acute malnutrition in children. Analysis and reporting of study.
Nov'07 – Mar'10	Zambia	MSF - Spain	Principal Investigator	Design, field set up, supervision, analysis and reporting of study “Early detection of nutritional status and prediction of survival in HIV patients: analysis of anthropometry and functional indicators in HIV-clinics in Kapiri, Zambia”
Nov'08 – Feb'11	London + several countries	ENN / Save the Children / USAID	Principal Investigator	Design, field set up, supervision, coordination, analysis and reporting of study “Defaulting and access to Supplementary Feeding Programmes in emergencies”.
Nov'08 - ongoing	London + several countries	ENN / Save the Children / USAID / CDC	Project Director	Design, field set up, supervision, coordination and evaluation of pilot reporting system for monitoring nutrition programs in emergencies (Minimum Reporting Package). Includes conceptualization and development of dedicated software.
May'08 - Dec'08	Desk-based	Epicentre	Nutrition research advisor	Advice and support for the development of research protocols for operational research on nutrition. Review and collaboration on writing of research reports and articles for publication. Contribution to development of Epicentre's research policy on nutrition.
Jan'08 - Sept'08	London	ENN / Save the Children UK / USAID	Nutrition research advisor	Design of an inter-agency research program on the Treatment and Prevention of Mild and Moderate Malnutrition in Emergencies, including the drafting of 6 multi-agency research proposals. Results presented at WHO Meeting on Treatment and Prevention of Moderate Acute Malnutrition.

<sup>1</sup> ICRC: International Committee of the Red Cross. ENN: Emergency Nutrition Network. MSF: Médicos sin Fronteras – Doctors without borders. ACF: Action contre la faim – Action against hunger. USAID: US Agency International Development. FANTA: Food and Nutrition Technical Assistance.

<b>Mar'07 - Sep'07</b>	Washington, DC + Ethiopia + Malawi + Niger	FANTA (USAID)	Nutrition advisor	Review and evaluation of integration of CMAM into National Health System in Ethiopia, Malawi and Niger. Development of recommendations for integration of CMAM in other countries.
<b>Jun'06 - Apr'07</b>	Desk-based	ENN / Save the Children UK / USAID	Senior Researcher	Design, coordination, implementation, analysis and reporting of a retrospective review and evaluation of effectiveness and efficacy of SFPs during emergencies based on data from 14 NGOs and 3 UN agencies.
<b>Feb'06 - Jun'06</b>	home	ACF - International	Nutrition Advisor	Writing up of field guidelines for the Diagnosis and Treatment of Acute Malnutrition in Adults during Emergencies, based in own field experience and research (PhD)
<b>Sep'01 - Apr'04</b>	Paris + Angola + Sierra Leone	ACF - International	Head of research and development	Created first ACF research facility. Design of ACF nutrition research policy and intervention policy. Principal investigator in three clinical trials for testing RUTFs and CMAM strategies in Sierra Leone and Angola. Representation of ACF in research and nutrition policy forums. Internal advisor for nutrition and health projects.
<b>Jan'01 - Sep'01</b>	Sierra Leone	ACF - Paris	Principal Investigator	Principal investigator on a study to test the efficacy of a RUTF (BP100) for the treatment of severe acute malnutrition in children
<b>Dec'99 - Sep'00</b>	Congo - Brazaville	ACF - Paris	Principal Investigator / Field doctor	Field doctor in charge of patients with severe acute malnutrition at 3 Therapeutic Feeding Centers. Management of the nutrition centers, including management of staff. Exploratory missions and set up of new programs. Principal investigator on a study on the diagnosis of acute malnutrition in adult subjects.
<b>Apr'99 - Dec'99</b>	Burundi	ACF - Paris	Principal Investigator / Field doctor	Field doctor in charge of patients with severe acute malnutrition at 4 Therapeutic Feeding Centers. Management of the centers, including management of staff. Principal investigator on a study on the diagnosis of acute malnutrition in adult subjects.
<b>Sep'98 - Dec'98</b>	South Sudan	Epicentre / MSF International	Health Information Officer	Set up, implementation, management and supervision of a Health and Nutrition Surveillance System for MSF international in Bahr-el Gazhal including: Nutrition surveys, Program monitoring, Early warning system for outbreaks, Monitoring of nutrition and mortality. Contribution to definition of plans and strategies and program evaluations.
<b>Feb'97 - Sep'97</b>	South Sudan	ACF - Paris	Medical Coordinator / Field doctor	Medical coordinator of an emergency primary health program in Bahr-el Gazhal region, South Sudan. Design, implementation, training and monitoring of programs. Donor proposals and reporting. Health team coordination and supervision. Rapid assessments.
<b>Nov'95 - Nov'96</b>	Mozambique	ACF - Paris	Medical Coordinator / Field doctor	Medical coordinator and field doctor on a Post-emergency primary health program in Caia district, Mozambique. Design, implementation, training and monitoring of program. Donor proposals and reports. Health team coordination and supervision. Rapid assessments.
<b>May'95 - Oct'95</b>	Tanzania (Rwandese refugee camps)	MSF - Spain	Medical Coordinator	Medical coordinator in 2 Rwandese refugee camps, including: Hospitals, health centers, mother and child health, vaccination campaigns, control of outbreaks (cholera, dysentery, meningitis), surveillance system, nutrition and mortality surveys, nutrition programs, Assessment of new refugees, Training, Definition of strategies and policies at organization and camp level, etc.
<b>Jan'95 - May'95</b>	Barcelona	MSF - Spain	Medical support	Technical support to the Medical Department. Follow up of field programs and reference for specific tropical diseases.
<b>Jan'95 - May'95</b>	Barcelona	Hospital de la Cruz Roja	Clinician	Clinical work at Internal Medicine ward and ER department.



