



IOM International Organization for Migration  
 OIM Organisation Internationale pour les Migrations  
 OIM Organización Internacional para las Migraciones

## FINAL REPORT TO USAID

### EMERGENCY DISASTER RESPONSE IN YOGYAKARTA

**Grant Agreement No.: 497-G-00-06-00021-00**

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<b>Executing agency:</b>	International Organization for Migration (IOM)
<b>Project partner agencies (or national counterparts):</b>	US Marine Medical Team, Indonesian Government, private and public health facilities, International organizations and local NGOs
<b>Geographical coverage:</b>	Yogyakarta, Central Java, Indonesia
<b>Project management site:</b>	IOM Yogyakarta Sub Office
<b>Target group(s):</b>	Victims who were injured, medically ill due to the earthquake
<b>Project period and duration:</b>	27 May – 26 July 2006
<b>Reporting period:</b>	27 May – 26 July 2006
<b>Total confirmed funding:</b>	USD 49,972
<b>Funds contributed by USAID:</b>	USD 49,972
<b>Cumulative expenditure during reporting period:</b>	USD 49,972

### SUMMARY

On 27 May 2006, an earthquake registering 6.2 on the Richter Scale destroyed surrounding areas of Yogyakarta in Central Java. The worst hit districts in Yogyakarta Special Territory are Bantul and Klaten respectively. It is estimated that 500,000 people have been affected by this destructive earthquake. The exact number of internally displaced persons is still unknown with estimates ranging from 100,000 to 500,000.

IOM in collaboration with provincial and district health authorities and international medical teams has been contributing to the recovery/relief operations, by initiating a medical evacuation operation and providing assisted medical returns for injured patients/family members who may be discharged in selected hospitals, and facilitating medical referrals for those who needed further speciality care in higher health facilities.

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The US Marines medical unit and IOM worked together in the US Marine field hospital in Sewon Stadium, Bantul District of Yogyakarta, Indonesia over the course of June 2006. IOM provided 25 vehicles to facilitate the transport of patients to other hospitals and health facilities for further medical management under the “Medical Referral” activity. There were 22 of such cases identified. In addition, there were 46 patients and 43 family escorts voluntarily returned home upon their discharge from the US Marine Hospital.

## 1. PROJECT DESCRIPTION

The project aimed at complementing IOM’s on-going cooperation with the US Marines Mobile Field Hospital, through the provision of additional medical and logistics assistance for those patients to be referred to the US Marines Mobile Field Hospital. This included:

- identification of patients in need of medical referral;
- transportation and logistical assistance from Bantul General Hospital to the US Marines Mobile Field Hospital; and
- assisted medical returns and assistance for medically evacuated patients.

IOM has been engaged in assisting people in emergency situations around the world in both natural and man-made disasters and is in a position to plan and execute such measures in a speedy, timely and voluntary manner. IOM has well trained medical staff composed of medical doctors, nurses, social workers working in the affected areas. Due to its previous and on-going projects in Aceh, Indonesia, IOM is operationally capable of delivering both immediate and medium-term assistance to affected people. IOM has a country mission in Jakarta and an operating field office in Yogyakarta. IOM medical team was provided with some office space and accommodation in the US Marines Mobile Field Hospital.

## 2. RESULTS

US Marines and IOM worked together in the US Marine field hospital in Sewon Stadium, Bantul District of Yogyakarta, Indonesia during June 2006. IOM doctors and/or nurses and/or social workers were stationed at the US field hospital on a daily basis. IOM provided 25 vehicles to facilitate transport of earthquake-affected patients whose medical conditions were more complicated to other hospitals and/or higher health care facilities for further medical management. 22 patients were assisted under this activity and referred to as ‘medical referrals’. Please refer to the attached Annex 1: Medical Referral Patient’s Database for details.

In addition, patients who received treatment and medical care from the US Marine field hospital and cleared to go home were given transport assistance to go back to their villages, tents or houses. The IOM medical teams counselled and ensured that all patients and their accompanying family members were returned voluntarily, and checked to determine if follow up care will be needed at the level of the puskesmas (primary health care) system. An informed consent form is signed by each patient before IOM initiates the return process. An installation allowance of Indonesian rupiahs 100,000 was given to each patient to assist them with basic needs upon their return to their homes. Once the

transportation requirements were identified (for example, stretcher, wheelchair, single-seat or three seats, need for medical escort), IOM staff transferred the patients/family members into either mini-vans, and/or ambulances where appropriate, and escorted them to final destinations.

There were 46 patients and 43 family escorts assisted to return home. Please refer to the attached Annex 2: Graphs and Patient's Database of Assisted Returnees.

### **3. ACTIVITIES**

IOM and US Marine field hospital staff responded in providing medical triage and/or emergency medical care to the affected victims by providing immediate medical evaluation and medical care as needed, and by transferring patients who cannot be given appropriate medical work up and management in a field hospital setting to the nearest or most appropriate government hospitals such as Panembahan Senopati Bantul, Wirosaban, Sardjito, and in some cases to the Indonesian Red Cross Field Hospital. Some patients were eventually transferred to the privately managed Bethesda hospital. A patient medical database was developed for all of beneficiaries receiving IOM health services assistance. The data includes the patient's name, age, gender, discharging hospital, address/destination, and medical diagnosis. In collaboration with the provincial and district health authorities as well as the World Health Organization (WHO), the database was shared with associated providers of follow-up medical care.

The 25 cars that were provided by IOM were used to transport medical cases to another hospital or health facilities for referral and also brought patients back to their villages, tents or houses after they have been medically treated in the US Marine field hospital.

IOM vehicles also assisted in getting medical equipments from Indonesian Red Cross field hospital and UNICEF in Bantul District and any other locations to be used in the US Marine field hospital.

The US Marine medical team have made use of the vehicles provided by IOM in reaching out patients in the villages for treatment and transfer cases who needed medical intervention in the hospital setting.

In addition, face masks were procured and distributed for Merapi victims upon specific request of OFDA technical advisor.

### **4. CONSTRAINTS AND ACTIONS TAKEN**

The availability of ambulances was limited and unpredictable especially within the first 2-3 weeks after the disaster. The 25 mini-vans (with several passengers - seating capacity) that were initially allocated to support this activity had to be changed to vehicles that can accommodate stretchers. For patients identified as 'under critical condition' and who required a higher level of health care, an ambulance was called for assistance and the patient was brought to the nearest government hospital facility.

## **5. CONCLUSIONS**

This emergency response activity by key players - IOM and the US Government through the US Marine field hospital – provided immediate medical care and management to those affected patients/communities as a result of the 27 May earthquake.

This partnership during the Emergency Phase was crucial in saving lives and preventing temporary or permanent medical complications and/or disabilities. It provided the access to adequate health care services in a time of disaster and chaos, rejoined patients with their families and communities in a safe and dignified manner.

This activity addressed a service gap identified by the provincial and district health authorities. The presence of the US field hospital complemented the health relief efforts of the already stretched hospitals in providing medical/surgical interventions and in returning home those who have completed treatment.

## **6. FINANCIAL STATEMENT**

Please refer to the attached financial statement.

## **7. ANNEXES**

Annex 1: Medical Referral Patient's Database

Annex 2: Graphs and Patient's Database of Assisted Returnees

Annex 3: Photos

Annex 4: Letter of Appreciation to IOM (United States Marine Corps)



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## Annex 1: MEDICAL REFERRALS PATIENTS DATABASE

DATE	NO	NAME	SEX	AGE	DIAGNOSIS	HOSPITAL	REFERS TO	FINAL DESTINATION
01-Jun-06	1		M	65	Infected Wound on right foot	US Marine	RSUD Bantul	Pundong Jetis, Bantul
02-Jun-06	2		F	55	Cluster Injury	US Marine	RSUD Bantul	Pacar, Sewon, Bantul
	3		M	65	Hypertension / susp. CRF	US Marine	RSUD Bantul	Pacar, Timbulharjo, Sewon
	4		F	40	Fracture Pelvic	US Marine	RSUD Bantul	Pacar, Sewon, Bantul
	5		F	75	Fractur Pelvic	US Marine	PMI Hospital	Pacar, Sewon, Bantul
	6		F	50	Fracture Pelvic	US Marine	RSUD Bantul	Pacar, Sewon, Bantul
	7		F	41	Fracture Pelvic	US Marine	PMI Hospital	Sena, Parang Tritis, Bantul
03-Jun-06	8		M	64	Fracture right hip	US Marine	RSUD Bantul	Panjangrejo, Pundong, Bantul
	9		M	65	Infected Wound on right foot	US Marine	RSUD Bantul	Pundong Jetis, Bantul
	10		M	91	Infected fracture on left hand	US Marine	RSUD Bantul	Pacar, Sewon, Bantul
04-Jun-06	11		M	65	Infected Wound on right foot	US Marine	RSUD Bantul	Pundong Jetis, Bantul
	12		M	30	Fracture on right hand	US Marine	RSUD Bantul	Kepek, Timbulharjo, Bantul
	13		F	38	Hypertension / susp. CRF	US Marine	RSUD Bantul	Pacar, Sewon, Bantul
05-Jun-06	14		M	27	Back Injury	US Marine	Bethesda	Sri Harjo, Imogiri, Bantul
	15		F	15	Lumbal Fracture	US Marine	Sardjito	Kebon Agung, Immogiri
06-Jun-06	16		F	45	Laceration on left head	US Marine	Sardjito	Punggok I, Trimulyo, Bantul
	17		M	55	Fracture on right Knee	US Marine	Sardjito	Kembang songo, Trimulyo, Bantul
	18		M	31	Fracture left leg	US Marine	Sardjito	Pundong, Banrul
	19		M	15	Injury on left shoulder and left foot	US Marine	Sardjito	Sumber Agung, Jetis, Bantul
	20		F	40	Back Injury	US Marine	RSUD Bantul	Sudimoro, Timbulharjo, Bantul
07-Jun-06	21		M	55	Dislocation on left hip	US Marine	Wirosaban	Sorogenen, Timbulharjo, Bantul
	22		F	52	Injury on right leg	US Marine	Wirosaban	Glagah, Bangun tapan, Bantul



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**Annex 2: ASSISTED RETURNS PATIENTS/FAMILY ESCORTS DATABASE**

DATE	NO	NAME	SEX	AGE	DIAGNOSIS	FINAL DESTINATION	MODE OF TRAVEL	# FAMILY
01-Jun-06	1		M	60	Infected Wound on right hand	Manggung, Jetis, Bantul	By Car	1
	2		M	54	Infected wound on right leg	Pacar, Sewon, Bantul	By Car	1
	3		F	65	Back Injury	Pacar, Sewon, Bantul	By Car	1
02-Jun-06	4		M	65	Infected Wound on right foot	Pundong Jetis, Bantul	By Car	1
	5		M	60	Infected Wound on right hand	Manggung, Jetis, Bantul	By Car	1
	6		M	26	Infected wound on left hand	Pacar, Sewon, Bantul	By Car	1
	7		F	48	Fracture left hip	Pacar, Sewon, Bantul	By Car	1
	8		M	53	Fracture right knee	Pacar, Sewon, Bantul	By Car	1
	9		F	46	Fracture left hand	Punggok, Trimulyo, Jetis, Bantul	By Car	1
03-Jun-06	10		F	55	Infected wound on left hand	Pacar, Sewon, Bantul	By Car	1
	11		M	43	Back Injury	Sorogenen, Timbulharjo, Bantul	By Car	1
	12		M	70	Infected wound on left foot	Sorogenen, Timbulharjo, Bantul	By Car	1
	13		F	65	Infected wound on left foot	Semail, Sewon, Bantul	By Car	1
	14		M	75	Amputated on left toe	Bulos kulon, Jetis, Bantul	By Car	1
	15		M	12	Fracture right leg	Punggok I, Trimulyo, Bantul	By Car	1
	16		F	80	Infected fracture on left foot	Blawang I, Trimulyo, Bantul	By Car	1
	17		F	32	Infected wound on left thumb and foot	Serayu, Sanden, Jetis, Bantul	By Car	1
04-Jun-06	18		M	33	Short of Breath	Pacar, Sewon, Bantul	By Car	1
	19		M	85	Infected wound on right leg	Punggok I, Trimulyo, Jetis, Bantul	By Car	1
	20		F	58	Multiple Laceration	Kebon Agung, Immogiri	By Car	1
	21		M	12	Fracture right leg	Punggok I, Trimulyo, Bantul	By Car	1
	22		F	40	Infected Wound on right hand	Punggok, Trimulyo, Jetis, Bantul	By Car	1
	23		M	75	Amputated on left toe	Bulos kulon, Jetis, Bantul	By Car	1
05-Jun-06	24		M	43	Infected wound on left foot	Bulos kulon, Jetis, Bantul	By Car	0
	25		F	27	Fracture right leg	Sumber Agung, Jetis, Bantul	By Car	1
	26		M	35	Infected wound on right foot	Kebon Agung, Immogiri	By Car	1
	27		F	40	Fracture on right hand	Punggok I, Trimulyo, Jetis, Bantul	By Car	1
	28		M	60	Fracture left hand	Ngatak, Sewon, Bantul	By Car	1
	29		M	20	Fracture left foot	Gontol, Immogiri, Bantul	By Car	1
	30		M	44	Fracture on right hand	Mojo uro, Immogiri, Bantul	By Car	0
	31		M	38	Eye Injury	Karang Talun, Imogiri, Bantul	By Car	1
	32		F	50	Fracture Pelvic and leg	Sri Harjo, Imogiri, Bantul	By Car	0
	33		F	12	Fracture right hand	Sri Harjo, Imogiri, Bantul	By Car	1
	34		F	44	Back Injury	Timbul Harjo, Sewon, Bantul	By Car	1
	35		F	40	Infected Wound on right hand	Punggok, Trimulyo, Jetis, Bantul	By Car	1
06-Jun-06	36		M	53	Laceration on left head	Sorogenen, Bantul	By Car	1
	37		F	50	Fracture on left foot	Kebon jagung, Imogiri, Bantul	By Car	1
	38		M	12	Fracture right leg	Punggok I, Trimulyo, Bantul	By Car	1
07-Jun-06	39		M	50	Fracture right leg	Semail, Bangunharjo, Bantul	By Car	1
	40		F	11	Laceration on left foot	Sudimoro Kidul, Bantul	By Car	1

	41		F	15	Laceration on left leg	Karang Anyar, Sumber Agung, Bantul	By Car	1
	42		F	41	Fracture on left foot	Trimulyo, Jetis, Bantul	By Car	1
	43		M	15	Fracture on left hand	Triwadi, Pajangan, Bantul	By Car	1
	44		F	61	Fracture on right leg	Semail, Bangunharjo, Bantul	By Car	1
08-Jun-06	45		M	38	Infected wound on right foot	Dongkelan, Bantul	By Car	1
	46		M	63	Fracture on right leg	Semail, Bangun harjo, bantul	By Car	1
							<b>TOTAL</b>	<b>43</b>

**ASSISTED RETURNS PATIENTS & FAMILY ESCORTS  
FROM US MARINE HOSPITAL  
01 June 2006 - 08 June 2006**

















