

# HELP REBUILD THE MEDICAL SYSTEM IN GAZA

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Having volunteered in Ukraine in March 2022, as the war broke out, Shane Leahy and Norman Sheehan founded [One4Humanity](#) in 2023 to continue the projects started under Gorta. The team has delivered 16 mobile hospital units to Ukraine consisting of surgical units – operating theatres in a container - transported to the frontline and surrounding areas, along with maternity units which have given essential obstetric care to pregnant women and victims of sexual violence. Around \$80m+ in vital consignments of medical supplies (Donated by Heart to Heart International) have also been shipped across Ukraine over the past two years.

The One4Humanity team is now hoping to replicate that success in Gaza, where the healthcare system has all but been destroyed. Since the onset of the conflict, WHO report that over 90,000 injuries have been recorded in Gaza. This includes thousands of children with devastating injuries such as severe burns and loss of limbs. Only 16 out of 36 hospitals are partially functional - 11 of these partially accessible due to insecurity or damage to surrounding roads or ambulance entrances. At present, 50,000 women are pregnant with 5500 due to give birth within the next month including 1400 who require Cesarean section. Mass casualty incidents continue to overwhelm the already limited trauma and emergency response capacity. ([https://www.emro.who.int/images/stories/Sitrep\\_-\\_issue\\_37b.pdf?ua=1](https://www.emro.who.int/images/stories/Sitrep_-_issue_37b.pdf?ua=1))

To drive the One4Humanity Gaza mission, Ross Kelly, a fellow Entrepreneur of the Year (EoY) alumnus of Shane, has joined the team on a voluntary basis as Director of Gaza Response. Our first initiative will be to purchase and commission a fully equipped surgical unit with scrub room and recovery room from [Hospitainer](#) (see details pages 3-11). The cost for a unit is €223,500 ex works. WE ARE LOOKING FOR YOUR SUPPORT TO SCALE THIS.

The recipient of this first unit will be the IMC field hospital in Al Zwaida, Gaza. We have developed a relationship with IMC and the World Health Organisation (WHO), who together can staff and supply the unit. Crucially, they have developed a logistical capability to get medical units into Gaza itself. **Provision of the surgical unit will enable the IMC field hospital to perform an additional 8-10 surgeries per day.** Please see IMC request for assistance letter on following page.

**What is very exciting about this project is the opportunity for scale.** On Tuesday 25th June, [Shane presented](#) to the Joint Oireachtas Committee on Foreign Affairs and Defence, along with Professor Gerard Bury and Professor Chris Fitzpatrick (with whom One4Humanity have collaborated with before in relation to Ukrainian Humanitarian projects) and who fully endorse and support this project. We are also in advanced talks with multiple other parties, including major Irish universities and international charities. In terms of placing further units, IMC will be able to receive more units to scale up a full hospital and we are also in advanced discussions with multiple brick and mortar hospitals in Gaza, including Al-Ahli hospital in Gaza city and the European hospital in Khan Younis.

Ross Kelly +353 86 162 4640

Shane Leahy + 353 87 612 0000

## ANNEX: IMC SURGICAL UNIT REQUEST



### International Medical Corps

HEADQUARTERS: 12400 Wilshire Blvd., Suite 1500 • Los Angeles, CA 90025 USA • (tel) 310.826.7800 • (fax) 310.442.6622  
WASHINGTON, DC OFFICE: 2000 M Street NW, Suite 600 • Washington, DC 20036 USA • (tel) 202.828.5155 • (fax) 202.828.5156  
[www.InternationalMedicalCorps.org](http://www.InternationalMedicalCorps.org)

July 29, 2024

One4Humanity  
1 Limekiln, Carrickhill Road Upper  
Portmarnock, Dublin  
Ireland D13XN72

Dear Shane Leahy,

It has been more than nine months since the conflict in Gaza started, leaving at least 38,713 Palestinians dead, more than 89,100 injured and only about 1,500 hospital beds to cover the needs of more than two million people—less than 50% of the bed capacity in the strip prior to October 7, 2023.

International Medical Corps has been active in Gaza since 2008, strengthening the health system and facilitating the delivery of primary and secondary health services. In January 2024, International Medical Corps deployed a field hospital with 50 beds near Rafah in southern Gaza to provide comprehensive lifesaving services to the civilian population, and, in April, opened a second field hospital in Deir Al Balah in central Gaza.

Due to escalating insecurity in the Rafah area, International Medical Corps shifted all field hospital operations to Deir Al Balah. The site has been scaled up from 50 beds to more than 200 beds and now includes four operating theaters and two 40-foot containerized delivery rooms plus c-section suites.

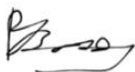
Between July 1 and July 14, 2024, International Medical Corps' team performed a total of 293 surgeries, including 122 major surgeries and 171 minor surgeries. Major surgeries included 29 laparotomies, 21 limb reconstruction and fixation surgeries, eight amputations, 25 other orthopedic procedures, nine thoracotomies, 14 skin grafts, nine vascular repairs due to explosive injuries, two nerve repairs and five others.

With the current capacity provided by the four existing operating theaters, International Medical Corps cannot meet the demand for surgical care—wait lists are common. An additional operating theater would increase the surgical capacity by 8-10 surgeries each day.

International Medical Corps would gladly receive One4Humanity's generous donation of a Hospitainer operating theater. International Medical Corps has both the logistics capacity to import and deliver the unit to our field site and the staffing capacity to use it effectively.

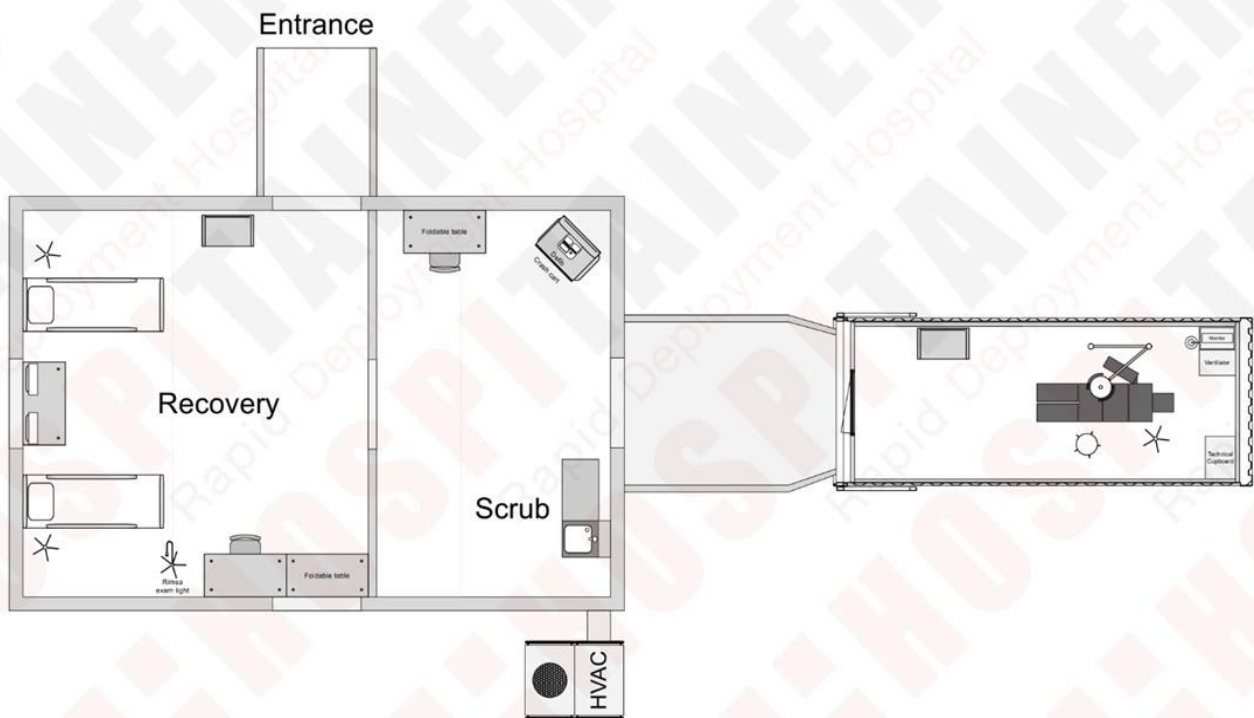
Thank you for your consideration.

Sincerely,



Ronny Elfassy  
Senior Director, Global Logistics and Supply Chain  
International Medical Corps

# ANNEX: HOSPITAINER STARTER HOSPITAL DETAILS



 <b>Rapid Deployment Hospital</b> Griftsemolenweg 19-21, 8171 NS Vaassen, The Netherlands Tel: +31-555 191713, Fax: +31-555 191714, E-mail: info@hospitainer.com	Drawing nr.	OT 20ft
	Revision	2.0
	Date	18-06-2024
	Name	PM
	Scale & size	1:75, ISO A4

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All measures in mm.

*Floorplan - Operating theatre on right is a 20ft shipping container. Scrub rooms and recovery rooms are tents and can be expanded on a modular basis e.g. expansion to 4-bed recovery rooms is very straightforward. Entire unit with equipment is shipped in 2 20ft shipping containers*

# OPERATING THEATRE INSIDE SHIPPING CONTAINER

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## RECOVERY ROOM INSIDE TENT

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## EXAMPLE HOSPITAINER FIELD HOSPITAL SHOWING MODULAR EXPANSION CAPABILITY




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# ANNEX - INVENTORY OPERATING ROOM - EQUIPMENT

Quantity	Form	Description
		Operating Room
1 pce.		table, operating, 5-section, hydr. adjustable, 30° Trendelenburg/anti-Trendelenburg 
1 pce.		LED Surgical Operating Light 
1 pce.		Diamedica Glostavent Anaesthesia System 
1 pce.		patient monitor, 12" color display, 12-l.ECG/HR/SpO2/PR/NIBP/RESP/EtCO2 220V/battery 
1 pce.		pump, aspirating, 230 V/50 Hz, capacity 70 lt./min., 2 x 2-liter bottles 

# ANNEX - INVENTORY OPERATING ROOM - EQUIPMENT

Quantity	Form	Description
1 pce.		doppler apparatus, pocket type
1 pce.		Electrosurgical unit, 300W, 220V, mono/bipolar, with reusable handpiece & accessories
		
6 pcs.		forceps, bipolar, straight, approx. 15 cm, for electrosurgical unit
2 pcs.		forceps, bipolar, angled, approx. 15 cm, for electrosurgical unit
8 pcs.		diathermy/electrosurgery active cable, bipolar, for electrosurgical unit
1 pce.		adaptor, for bipolar cable for electrosurgical cable
1 pce.		Defibrillator with external paddles
		
1 pce.		Crash cart
		
1 pce.		instrument stand, Mayo, with tray, height adjustable, stainless steel
1 pce.		kick bucket, stainless steel, on castors
1 pce.		waste bin, small, stainless steel outer, plastic inner
1 pce.		container, polypropylene, approx. 100 liters, with lid
1 pce.		I.V. stand, 4 hooks, height adjustable, stainless steel
3 pcs.		trolley, instruments, with 3 shelves, on castors, stainless steel
		Kits & equipment
2 pcs.		vacuum aspiration kit, double valve syr., 2cc silicon, flex. cannula + accessories
2 pcs.		kit, surgical instruments, for examination/suturing cervical & vaginal tears, UNICEF (9910006)
8 pcs.		kit, surgical instruments, delivery, UNICEF (9910003)
2 pcs.		kit, surgical instruments, curettage, UNICEF (9910002)
2 pcs.		kit, midwifery, 2-equipment, UNICEF (9902218)
6 pcs.		kit, surgical instruments, basic surgery, UNICEF (9910001)
20 pcs.		kit, surgical instruments, suture, UNICEF (9910004)
20 pcs.		kit, surgical instruments, dressing, UNICEF (9910005)
5 pcs.		kit, caesarean section instruments
1 pcs.		kit, pin fixation, 14 instruments + pins (MSF KSURBPIN14-)
20 pcs.		forceps, tissue, Duval, 23 cm, 20 mm fenestrated jaws
1 pce.		weighing scale, baby





## ANNEX - INVENTORY OPERATING ROOM - EQUIPMENT

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Quantity	Form	Description
1	pce.	vacuum extractor, Bird, polycarbonate bottle, with 3 stainless steel anterior cups (40/50/60 mm), pump, spare bottle, silicone tubing
1	pce.	decapitation hook, Braun, approx 31 cm
1	pce.	wire with saw teeth, Gigli, approx. 50 cm
1	pair	handles for wire saw, Gigli
1	pce.	laryngoscope, with 4 blades
4	pcs	basin, stainless steel
		Specific sizes and or brands may vary. Detailed specifications can be released once the order has been placed. This is due to the fact supply may vary. Comparable quality is guaranteed.

# ANNEX - INVENTORY

## RECOVERY 2 BED

Quantity	Form	Description
2 pcs.		trolley, patients, height & Trendelenburg adjust., siderails, IV pole, approximate size 190x65x75 cm 
2 pcs.		mattress for patient stretcher
8 pcs.		pillow cover, 100% cotton, approximate size 60 x 70 cm
4 pcs.		pillow, 100 % polyester, synthetic filling, approximate size 60 x 70 cm
10 pcs.		bed sheet, 100 % cotton, white, approximate size 120 x 200 cm
6 pcs.		blanket, 100 % cotton, approximate size 120 x 200 cm
1 pce.		bassinet (baby's cot), plexiglass, with mattress, on castors, 
1 pce.		waste bin, small, stainless steel outer, plastic inner
1 pce.		sphygmomanometer, aneroid, 300 mm Hg, with adult cuff
2 pce.		patient monitor, 12" color display, 12-lead ECG/HR/SpO2/PR/NIBP/RESP, 220V/battery 
2 pce.		pump, aspirating, portable, 230V/50-60 Hz, capacity 23 lt./min., max. vacuum 750 mm Hg, 2 litres bottle 
1 pce.		slide sheet, silicone coated, approximate size 90 x 110 cm
		Specific sizes and or brands may vary. Detailed specifications can be released once the order has been placed. This is due to the fact supply may vary. Comparable quality is guaranteed.

Supplemental oxygen supplied from cylinders can be very costly and can frequently run out in challenging environments. An oxygen concentrator provides the most convenient, reliable source of supplemental oxygen at minimal cost. There is never a danger of running out of oxygen when using an oxygen concentrator.

- Operates at 20 psi (138 kPa)
- Performance: 2-9 pm: 92% +3.5%; 10 lpm: 90% +5.5%
- Oxygen Outlet Pressure: 20 psi (138 kPa)
- Power: 220-240 VAG, 50 Hz, 3A
- Power Consumption: 600 Watts
- 26.3kg
- 55 dB(A)
- Alarms:
  - ◆ High temperature
  - ◆ Power failure
  - ◆ High and low pressure
  - ◆ Battery test
  - ◆ Low oxygen concentration
- Minimal maintenance: regular washing of the external filter

