



REPORT

FAJR Mission Report on Gaza: April 2024 - Present

This report will serve as a detailed account of FAJR's ongoing efforts in Gaza since April 2024, including the scope of medical interventions, donations utilized, volunteer hours, research outputs, and the broader impact on Gaza's war-affected population. This document will also explore the methodology behind the reported data, with a focus on the likely underestimation of certain variables, and will be continuously updated to reflect ongoing missions.

PREPARED BY: FAJR SCIENTIFIC



INTRODUCTION

The Gaza Strip remains one of the most volatile and complex conflict zones in the world, with its healthcare infrastructure consistently undermined by years of military conflict, blockades, and resource shortages. Since 2007, Gaza has been subjected to a blockade that has restricted movement, limited essential supplies, and contributed to a systemic collapse of its medical, social, and economic structures. Over the years, the ongoing humanitarian crisis has only worsened, especially with repeated military escalations that disproportionately affect the civilian population. In 2024, this crisis reached new levels of urgency due to Israeli ground offensives, particularly in the southern regions of Gaza and eastern Rafah.

Within this context, FAJR Scientific, a non-profit medical organization founded in 2019 and restructured in 2022, has launched a series of life-saving medical missions in Gaza. These missions are aimed at addressing critical healthcare needs through specialized trauma surgery, emergency medical care, and long-term rehabilitation for war victims. FAJR's efforts have been particularly focused on vulnerable populations, including children, amputees, and those suffering from severe war-related injuries, ranging from shrapnel wounds to extensive burns and orthopedic traumas.

ABOUT FAJR SCIENTIFIC: Mission & Vision

MISSION

FAJR Scientific is committed to delivering unparalleled surgical expertise and advanced medical care to the most vulnerable populations. We believe that access to surgical interventions is a basic human right and should not be restricted by war, poverty, or political strife. Our approach to healthcare in Gaza is rooted in compassion, scientific rigor, and a deep understanding of the specific cultural and logistical challenges faced by communities living under siege.



VISION

At FAJR Scientific, we envision a world where every individual, regardless of their socioeconomic status or geographic location, has access to high-quality, life-saving surgical care. Our primary goal is to bridge the gap between advanced medical technologies and underserved populations, ensuring that no person in need feels helpless or hopeless due to a lack of healthcare access. This vision is especially crucial in conflict zones like Gaza, where FAJR's medical missions play a pivotal role in stabilizing critical cases and providing long-term recovery solutions.



A Message From FAJR Scientific Chairman & CMO



Dr. Khaled Saleh
Chairman, Chief Medical Officer

"Together, we forge a path of resilience and innovation, leading the charge to achieve our extraordinary goal of delivering comprehensive care and sustainable solutions for those most in need."

"Driven by an unwavering commitment to transform lives, our leadership focuses on uniting voices and resources to achieve the monumental goal of restoring hope, health, and dignity for communities in need."

"With bold vision and collaborative spirit, we are dedicated to breaking barriers and pioneering transformative change to ensure that every vulnerable community receives the healthcare and support they deserve."

"Empowered by purpose and driven by our mission, we stand united in our commitment to create lasting impact, redefining the future of healthcare for communities in crisis."

A Message From FAJR Scientific CEO



Dr. Mosab Nasser
Chief Executive Officer

During the last couple of years, FAJR Scientific has emerged as a pioneering force in global humanitarian efforts, with a particular focus on Palestine. Our impact in Gaza has been substantial, as we have consistently contributed to relief efforts since the onset of the war. Our dedication to supporting vulnerable and displaced communities is evident in the continued assistance we provide, leaving a lasting mark on the humanitarian landscape in Gaza, the West Bank, Lebanon and beyond.

FAJR has played a crucial role in the ongoing war on Gaza by providing a steady flow of highly skilled surgeons, doctors, and nurses, as well as delivering millions of dollars' worth of medical supplies and services. To date, over 1,400 complex surgeries, including orthopedic, neurosurgery, cardiovascular, plastic, and eye surgeries and procedures, have been successfully performed, saving countless lives and limbs. Beyond medical aid, FAJR's humanitarian efforts extend to the operation of the FAJR Free Pharmacy (FFF), the distribution of over 100,000 liters of clean water to refugees in Al-Mawasi West of Khan Yunis, and the provision of meals across Gaza for the displaced refugees, leaving a significant and widespread impact throughout the Gaza strip.

In addition to our ongoing operations in Gaza and the West Bank, we have expanded our efforts this year to Lebanon, sending two missions since the beginning of the war in Lebanon. Looking ahead to 2025, we plan to further broaden our reach by extending our services to Pakistan, Sudan, and Honduras in South America. We are committed to continue to provide world-class services to those most in need across the globe, ensuring that our humanitarian work carries on without interruption.



Core Values & Operational Approach

Neutrality

FAJR operates as a non-political, non-denominational medical organization. Our sole mission is to save lives, irrespective of ethnic or religious backgrounds.

Multidisciplinary Expertise

Our medical teams comprise surgeons, emergency physicians, trauma specialists, and allied healthcare professionals from diverse religious, ethnic, and political backgrounds. This diversity allows us to develop comprehensive and culturally sensitive medical strategies tailored to the needs of Gaza's population.

Surgical Excellence

FAJR's strength lies in its ability to deploy highly specialized surgical teams to conflict zones, providing expertise in areas such as orthopedic trauma, maxillofacial surgery, vascular surgery, and burn care. Our teams are equipped with the latest medical technologies and operate under international medical standards



OVERVIEW OF FAJR GAZA MISSIONS

April 2024 - Present

The FAJR missions to Gaza represent a large-scale, multi-disciplinary humanitarian effort aimed at stabilizing the healthcare system in the face of severe resource shortages and a collapsing infrastructure. Each mission is tailored to address the evolving healthcare needs in Gaza, from trauma surgery to emergency care and long-term rehabilitation.

FIRST GAZA MISSION:

April 3-15, 2024

I. MISSION SUMMARY



83
SURGERIES &
PROCEDURES

1200
PATIENT CONTACTS



20 INCLUDING ORTHOPEDIC,
VASCULAR, AND GENERAL
SURGEONS, AS WELL AS
EMTS MAXILLOFACIAL SPECIALISTS



EUROPEAN GAZA
HOSPITAL

II. CONTEXTS & CHALLENGES

This mission was launched amidst escalating military operations in Gaza, particularly in the southern region near Rafah. The FAJR team faced numerous logistical and security challenges, including movement restrictions, intermittent power outages, and resource shortages. Despite these challenges, the FAJR team successfully delivered critical surgical care to individuals suffering from complex war-related injuries.



FIRST GAZA MISSION:

April 3-15, 2024

III. KEY MEDICAL INTERVENTIONS

ORTHOPEDIC SURGERIES

50 cases including complex procedures such as external fixations (EX FIX), intramedullary nailing (IMN), tendon repairs, and the removal of tibial and humeral plates. Many of these patients had sustained severe fractures due to shrapnel wounds and blast injuries.

VASCULAR SURGERIES

18 procedures including amputations (often performed without adequate anesthesia due to shortages), AVF creation, VAC dressing changes, and debulking of gangrenous tissue.

MAXILLOFACIAL SURGERIES

8 cases including mandibular fixation, facial plate insertions, and foreign body removals from facial wounds caused by debris.

GENERAL SURGERY

7 cases including life-saving colostomies, ileostomies, and herniotomies for patients suffering from blast-related abdominal injuries.

IV. IMPACT ON LOCAL HEALTHCARE

During this mission, FAJR's presence helped stabilize the healthcare facilities in southern Gaza, where hospital staff had been overwhelmed by the influx of trauma patients. FAJR provided not only medical expertise but also donated critical medical supplies such as surgical gauze, orthopedic implants, and pain management medications.



SECOND GAZA MISSION:

April 29 - May 17, 2024

I. MISSION SUMMARY



224
SURGERIES &
PROCEDURES



2171
PATIENT CONTACTS



17
EMTS

INCLUDING SPECIALIZED NERVE
SURGEONS, TRAUMA SURGEONS,
AND ICU SPECIALISTS



EUROPEAN GAZA
HOSPITAL

II. MISSION HIGHLIGHTS

This mission saw a significant escalation in the number of trauma cases due to the ongoing ground offensive near Rafah. The number of injuries nearly tripled compared to the first mission, placing an immense burden on local healthcare facilities. FAJR's team responded by setting up additional field hospitals and expanding ICU capacity.

III. CHALLENGES & INNOVATION

LIMITED RESOURCES

Power outages and supply shortages required the FAJR team to innovate on the ground. For example, the team adapted locally available materials for external fixations and created makeshift ICU beds to accommodate the rising number of critical care patients.

BURN TRAUMA MANAGEMENT

Burn injuries were particularly severe during this mission, with many patients suffering from thermal and chemical burns due to airstrikes. FAJR's burn specialists introduced advanced debridement techniques and VAC therapy, significantly reducing infection rates and improving patient outcomes.

SECOND GAZA MISSION:

April 29 - May 17, 2024

IV. KEY MEDICAL INTERVENTIONS

UPPER LIMB ORTHO AND PERIPHERAL NERVES

63 surgeries, including the first-ever nerve grafts and transfers in the Gaza Strip. These groundbreaking procedures were critical for patients who had sustained nerve damage due to shrapnel injuries and amputations.

LOWER LIMB ORTHO

40 surgeries, with a focus on IM Nailing, external fixation, and limb salvage techniques. These procedures were life-saving for patients at risk of sepsis and gangrene due to severe lower limb trauma.

VASCULAR SURGERIES

24 procedures, including amputations, thrombectomies, and bypass surgeries for patients with vascular complications from blast injuries.

ICU MANAGEMENT

296 critical care cases, including sepsis management, dialysis, plasmapheresis, and post-op stabilization. FAJR's ICU specialists were instrumental in reducing post-surgical mortality, particularly in patients suffering from severe systemic infections.

EMERGENCY DEPARTMENT

443 emergency cases, including blast and shrapnel injuries, gastrointestinal infections, respiratory distress, and dehydration. FAJR's presence in the ED significantly increased the capacity to treat mass casualties and stabilize critically injured patients.

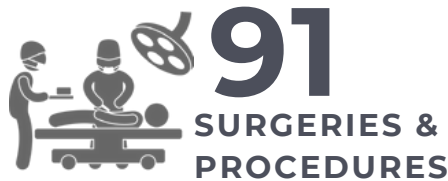
V. LONG-TERM IMPACT

FAJR's interventions during this mission not only saved lives but also left a lasting impact on Gaza's healthcare system. Local doctors received training in advanced nerve and vascular surgeries, and FAJR donated specialized medical equipment such as external fixators, orthopedic implants, and advanced wound care products. These contributions have enhanced Gaza's capacity to manage complex trauma cases long after the mission's completion.

THIRD GAZA MISSION:

June 13 - July 11, 2024

I. MISSION SUMMARY



II. SCOPE & OBJECTIVES

The third mission is focused on complex peripheral nerve surgeries, burn care, and orthopedic reconstructions. Despite the reduced team size due to access restrictions, FAJR has managed to deliver highly specialized care, with a particular focus on nerve grafts, amputations, and plastic flap reconstructions for burn victims.

III. CHALLENGES

This mission has been severely impacted by the ongoing blockade and military restrictions, particularly on members of Palestinian-origin, which have limited FAJR's ability to deploy larger teams. Nevertheless, the FAJR team has maximized its impact by focusing on high-yield, specialized interventions that would otherwise be unavailable to Gaza's civilian population. It was forced to evacuate from EGH on July 1st, resuming operations at Al-Aqsa Hospital on July 3rd. Given the constraints, the team has performed numerous life-saving surgeries and procedures, emphasizing nerve grafts, amputations, and advanced burn care. Despite the logistical difficulties, FAJR remains committed to delivering high-quality medical care.



THIRD GAZA MISSION: *June 13 - July 11, 2024*

IV. KEY MEDICAL INTERVENTIONS

PERIPHERAL NERVE SURGERIES

FAJR's nerve specialists have performed complex grafts and transfers for patients suffering from traumatic amputations, crush injuries, and severe shrapnel damage. These procedures are unprecedented in Gaza, as local surgeons previously lacked the resources and expertise to perform such surgeries.

BURN TRAUMA CARE

Given the frequency of burns caused by explosive devices, FAJR's burn care unit has focused on advanced debridement, VAC dressing, and plastic flap procedures. Many patients have presented with third-degree burns requiring immediate surgical intervention to prevent infection and septic shock.

ORTHOPEDIC RECONSTRUCTIONS

The team has continued to perform limb salvage procedures, including external fixations and open reduction internal fixations (ORIF). These surgeries are critical for patients who would otherwise face amputation due to complex fractures and infections.

THIRD GAZA MISSION:

June 13 - August 16, 2024

V. PATIENT DEMOGRAPHICS

A significant portion of the patients treated during this mission have been children and young adults, many of whom suffered blast injuries from airstrikes or indirect fire. The FAJR team has also provided care to elderly patients with pre-existing medical conditions, further complicating their trauma management.

VI. RESOURCE CHALLENGES & INNOVATION

Despite the limited access to surgical supplies and medications, the FAJR team has adapted by leveraging local resources creatively. For example, external fixation devices have been constructed using locally available materials, and wound dressings have been improvised when standard supplies ran out. The team has also utilized telemedicine consultations with FAJR specialists abroad to guide complex surgical decision-making in real time.

VII. LONG-TERM IMPACT

Early results indicate that FAJR's interventions will significantly reduce the long-term disability burden in Gaza, particularly among young adults and children. By focusing on nerve grafts and orthopedic reconstructions, FAJR is helping to preserve limb function and mobility in patients who would otherwise face lifelong impairment. The mission also continues to support local medical personnel through hands-on training in advanced surgical techniques.



FOURTH GAZA MISSION:

July 11 - August 15, 2024

I. MISSION SUMMARY



136
SURGERIES &
PROCEDURES



574
PATIENT CONTACTS



1 ORTHOPEDIC SURGEON
1 EMERGENCY MEDICINE
PHYSICIAN

DUE TO SEVERE ACCESS RESTRICTIONS



- AL-AQSA HOSPITAL
- PUBLIC AID HOSPITAL
- KAMAL ADWAN HOSPITAL

II. KEY MEDICAL INTERVENTIONS

Despite a smaller team of just two volunteers, this emergency mission delivered critical care across multiple hospitals, focusing on high-volume patient treatment, particularly in trauma care and orthopedic surgeries. The combination of an orthopedic surgeon and an emergency medicine physician allowed FAJR to provide both immediate trauma interventions and longer-term reconstructive procedures for severe injuries.

ORTHOPEDIC SURGERIES

The orthopedic surgeon focused on managing trauma-related fractures, many resulting from blasts and shrapnel injuries. Surgeries included internal fixations, limb reconstructions, and post-injury rehabilitation.

EMERGENCY MEDICINE

The emergency physician handled acute care cases, ranging from severe trauma (such as blast injuries and shrapnel wounds) to general emergency conditions, including respiratory distress, dehydration, and acute infections. The emergency physician's role was critical in stabilizing patients for surgery and managing immediate life-threatening conditions.





FOURTH GAZA MISSION: *July 11 - August 15, 2024*

III. CHALLENGES & ADAPTATIONS

This mission faced considerable challenges, particularly due to the security situation in Northern Gaza, where military activity was intense. The small team was forced to work in a high-pressure environment with limited resources, requiring rapid decision-making and flexible use of available medical supplies. Despite these constraints, the mission successfully managed a high volume of patient contacts, ensuring that immediate care was delivered in critical regions.

IV. STRATEGIC SIGNIFICANCE

The fourth emergency mission marked a significant expansion for FAJR, reaching the northern regions of Gaza for the first time. This geographic extension allowed FAJR to provide care in an area that had previously been underserved, with hospitals such as Kamal Adwan facing severe strain due to ongoing military operations. The success of this mission demonstrated FAJR's ability to adapt to evolving conditions and maintain its commitment to delivering life-saving care in the most challenging environments.

FIFTH GAZA MISSION:

September 30, 2024 -

I. MISSION SUMMARY



DURATION:
ONGOING



529
SURGERIES &
PROCEDURES



845
PATIENT CONTACTS



1 ORTHOPEDIC SURGEON
1 EMERGENCY MEDICINE
PHYSICIAN
1 OPHTHALMOLOGIST



- AL-AQSA HOSPITAL
- GAZA EUROPEAN HOSPITAL
- PUBLIC AID HOSPITAL

II. KEY MEDICAL INTERVENTIONS

During this mission, the FAJR team provided specialized care across multiple hospitals, focusing on complex trauma cases, particularly among pediatric patients.

ORTHOPEDIC SURGERY

The orthopedic surgeon managed severe injuries, including complex fractures and limb reconstructions. Notably, the team treated intricate hand injuries in children resulting from nearby airstrikes in the tents of Al-Aqsa hospital.

OPHTHALMOLOGY

The ophthalmologist addressed eye injuries caused by shrapnel and debris, performing surgeries to prevent vision loss and managing post-operative care.

ANESTHESIOLOGY

The anesthesiologist ensured safe anesthesia administration during surgeries, managed pain control, and provided critical care support in the intensive care units.



FIFTH GAZA MISSION:

September 30, 2024 -

III. CHALLENGES & ADAPTATIONS

ACCESS RESTRICTIONS

On October 15, 2024, FAJR Scientific was denied entry into Gaza, halting any further missions for the time being. Additionally, at the mission's onset, several physicians were denied entry, limiting the team's capacity.

SECURITY CONCERNS

The team operated amid intensified military activity, including airstrikes near Al-Aqsa Hospital. These conditions necessitated rapid response to mass casualties and complex trauma cases.

RESOURCE LIMITATIONS

Persistent shortages of medical supplies and equipment required the team to innovate and adapt, utilizing available resources efficiently to maintain the quality of care.

IV. STRATEGIC SIGNIFICANCE

This mission marked FAJR's continued commitment to providing specialized medical care in Gaza, despite escalating challenges. The team's efforts in treating complex pediatric injuries and expanding services to northern regions underscored FAJR's adaptability and dedication to addressing critical healthcare needs in conflict zones.

V. CONTEXTUAL ANALYSIS

The mission occurred during a period of an intensified crisis in Gaza, with significant airstrikes impacting civilian areas, including hospitals. On October 14, 2024, an Israeli airstrike targeted the Al-Aqsa Hospital compound, resulting in casualties and extensive damage. FAJR's presence during this period was crucial in providing immediate medical response to the injured, particularly children who suffered complex hand injuries from the blasts. The denial of entry on October 15, 2024, reflects the increasing restrictions on medical personnel attempting to provide aid in Gaza. Reports indicate that multiple medical aid organizations have faced bans from entering Gaza, severely impacting the delivery of essential healthcare services. Despite these challenges, FAJR's mission contributed significantly to addressing the immediate healthcare needs of the population, providing specialized surgical care, and supporting local medical facilities under extreme conditions.

MEET THE TEAM ON THE GROUND

FIRST MISSION



Dr. Mosab Nasser
Chief Executive Officer



Dr. Khaled Saleh
Head of Mission;
Orthopedic Surgeon



Dr. Tariq Nayfeh
Orthopedic Surgeon



Dr. Syed Irfan
Anesthesiologist



Dr. Haseeb Khawaja
Internal Medicine



Dr. Aasif A Kazi
ENT Surgeon



Dr. Hussein Huraibi
Anesthesiologist



**Dr. Mohammad
Khaleel**
Internal Medicine



Dr. Junaid Sultan
Vascular Surgeon

MEET THE TEAM ON THE GROUND

FIRST MISSION



Dr. Wajid Jawaaid
Pediatric Surgeon



Dr. Karim Fikry
Anesthesiologist



Dr. Nihat Uddin
Anesthesiologist



***Dr. Mohammad
Burney***
Orthopedic Surgeon



***Dr. Amr
Abdelgawad***
Pediatric Orthopedics



Dr. Ali Elaydi
Orthopedic Surgeon
Resident



Dr. Abdullah Ghali
Orthopedic Surgeon
Resident

MEET THE TEAM ON THE GROUND

SECOND MISSION



Dr. Mosab Nasser
Chief Executive Officer



***Dr. Riad
Abdelkarim***
Internal Medicine



***Dr. Mohamed
Albashir***
General/Trauma Surgeon



Dr. Ahmad Hussain
Vascular Surgeon



Dr. Sameer Khan
Anesthesiologist



Dr. Alia Kattan
Anesthesiologist



***Dr. Khalid
Al-Shamousi***
Internal Medicine



Dr. Omar el-Taji
Urologist



Dr. Syed Ahmed
Foot & Ankle Surgeon

MEET THE TEAM ON THE GROUND

SECOND MISSION



Dr. Shah Rahman
Emergency Medicine



***Abeerah
Muhammad***
Emergency Nurse



Okarys Bonilla
Logistics Manager



Dr. Usman Shah
Critical Care Physician



***Dr. Mohammed
Tahir***
Orthopedic Surgeon



Laura Swoboda
Nurse Practitioner



Dr. Sarah Badran
Pediatric Cardiologist



Dr. Hosney AMR
Emergency Medicine

MEET THE TEAM ON THE GROUND

THIRD MISSION



Dr. Jeremy Hickey
Anesthesiologist



***Dr. Haseeb
Khawaja***
Internal Medicine



Dr. Mohammad Tahir
Orthopedic Surgeon

FOURTH MISSION



Dr. Robert Dickason
Emergency Medicine



Dr. Mohammed Tahir
Orthopedic Surgeon

FIFTH MISSION



Dr. Mohammed Tahir
Orthopedic Surgeon



Dr. Jeremy Hickey
Anesthesiologist



Dr. Mohamed Tawfiq
Ophthalmologist

DONATION UTILIZATION & ALLOCATION

The FAJR missions in Gaza have been made possible through the generous contributions of donors worldwide. These donations have enabled FAJR to purchase critical medical equipment, fund the transportation of supplies, and support the operational costs of deploying medical teams to Gaza. Below is a detailed breakdown of how donations have been allocated to support FAJR's efforts.

I. DIRECT OPERATING COSTS

\$3,000,000

**MEDICAL EQUIPMENT &
ORTHOPEDIC IMPLANTS**

These funds have been used to purchase essential orthopedic implants, including plates, screws, and external fixation devices. This equipment is crucial for stabilizing patients with complex fractures and facilitating limb reconstructions.

\$5,000,000

**MEDICAL SUPPLIES &
DISPOSABLES**

Includes surgical gauze, suture materials, anesthesia supplies, and sterile gloves. These supplies are consumed rapidly in trauma settings and must be replenished frequently.

Includes transportation costs for the medical team, fuel for generators (given the frequent power outages in Gaza), accommodation, and food and water. This budget also supports local humanitarian projects, including food distribution and donations to local healthcare volunteers (doctors, nurses, medical students, etc.)

\$270,000

OPERATING COSTS

Given the blockade, FAJR has sourced some medications and supplies from Egypt, ensuring that critical drugs such as antibiotics, pain management medications, and emergency anesthesia supplies are available to the team.

This budget covers the logistical expenses required to maintain FAJR's presence in Gaza, including staff salaries (for support personnel), communication costs, and medical equipment transportation.

DONATION UTILIZATION & ALLOCATION

II. INDIRECT COSTS

\$4,500,000 VOLUNTEER
DONATED TIME

FAJR's mission relies heavily on volunteers who contribute their time and expertise at no cost. This estimate reflects the immense value of the thousands of hours donated by surgeons, nurses, EMTs, and support staff. It is important to note that these figures likely underestimate the true value of volunteer labor, given the highly specialized nature of the surgeries performed and the extreme conditions under which the team operates.

III. OVERALL TOTAL

\$12,770,000 This comprehensive total represents both the
DIRECT & INDIRECT COSTS direct financial outlay required to execute
FAJR's missions and the in-kind contributions
from its volunteer network.



METHODOLOGICAL CHALLENGES & ASSUMPTIONS

I. ACCESS RESTRICTIONS

The ongoing military blockade and intermittent Israeli ground offensives have significantly hindered FAJR's ability to operate in Gaza. Access to critical areas, including northern Gaza and parts of Rafah, has been restricted, limiting the size of the teams that can be deployed and the amount of medical supplies that can be transported. These restrictions have forced FAJR to adapt, operating with minimal personnel and resources while still maximizing their impact.



II. DATA COLLECTION GAPS

UNDERREPORTING OF SPONTANEOUS INTERVENTIONS

Many of FAJR's life-saving interventions take place in informal settings such as street clinics, displacement camps, or even at hospital gates. These interventions are often unplanned and undocumented, leading to gaps in reported data.

UNAVAILABILITY OF MEDICAL RECORDS

In many cases, especially during mass casualty events, the availability of complete medical records is limited. FAJR teams must prioritize immediate medical care over detailed documentation, leading to potential underreporting of patient outcomes and follow-up needs.

APPENDIX

I. FAJR Missions Hourly Rate

MD Specialty	Annual Rate	Hourly Rate	Source
Orthopedic Surgery	\$624,043	\$300	Fierce Healthcare Report, 2022
Plastic Surgery	\$536,000	\$258	MedScape Physician Compensation Report, 2024
Vascular Surgery	\$557,632	\$268	Fierce Healthcare Report, 2022
General Surgery	\$423,000	\$203	MedScape Physician Compensation Report, 2024
Internal Medicine	\$282,000	\$136	MedScape Physician Compensation Report, 2024
Emergency Medicine	\$379,000	\$182	MedScape Physician Compensation Report, 2024
Anesthesiology	\$472,000	\$227	MedScape Physician Compensation Report, 2024
Gastroenterology	\$512,000	\$246	MedScape Physician Compensation Report, 2024
Urology	\$515,000	\$248	MedScape Physician Compensation Report, 2024
Cardiology	\$525,000	\$252	MedScape Physician Compensation Report, 2024
Pediatrics	\$260,000	\$125	MedScape Physician Compensation Report, 2024
Certified RN	\$92,000	\$44	MedScape RN/LPN Compensation Report, 2024
Physician Assistant	\$127,437	\$61	UWorld, 2024
Pulmonology	\$400,650	\$193	Fierce Healthcare Report, 2022
Oral & Maxillofacial	\$556,642	\$268	Fierce Healthcare Report, 2022
Podiatry	\$148,220	\$71	Forbes, 2022

II. First Mission

MD Specialty	Annual Rate	Hourly Rate	Source
Orthopedic Surgery	\$624,043	\$300	Fierce Healthcare Report, 2022
Plastic Surgery	\$536,000	\$258	MedScape Physician Compensation Report, 2024
Vascular Surgery	\$557,632	\$268	Fierce Healthcare Report, 2022
General Surgery	\$423,000	\$203	MedScape Physician Compensation Report, 2024
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Gastroenterology	\$512,000	\$246	MedScape Physician Compensation Report, 2024
Urology	\$515,000	\$248	MedScape Physician Compensation Report, 2024
Cardiology	\$525,000	\$252	MedScape Physician Compensation Report, 2024
Pediatrics	\$260,000	\$125	MedScape Physician Compensation Report, 2024
Certified RN	\$92,000	\$44	MedScape RN/LPN Compensation Report, 2024
Physician Assistant	\$127,437	\$61	UWorld, 2024
Pulmonology	\$400,650	\$193	Fierce Healthcare Report, 2022
Oral & Maxillofacial	\$556,642	\$268	Fierce Healthcare Report, 2022
Podiatry	\$148,220	\$71	Forbes, 2022

APPENDIX

III. Second Mission

Specialty	Entry Date	Exit Date	Number of Days	Avg Daily Working Hours	Avg Hourly Rate	Number of Prep Hours	Avg Prep Hourly Rate	Avg Donated Time
Anesthesiologist	4/29/24	5/17/24	18	12	\$227	184	\$113	\$69,892
Anesthesiologist	4/29/24	5/17/24	18	12	\$227	184	\$113	\$69,892
Orthopedic Surgeon	4/29/24	5/17/24	18	12	\$300	184	\$150	\$92,406
Vascular & General Surgeon	4/29/24	5/17/24	18	12	\$268	184	\$134	\$82,572
General & Trauma Surgeon	4/29/24	5/17/24	18	12	\$203	184	\$102	\$62,637
Urologist	4/29/24	5/17/24	18	12	\$248	184	\$124	\$76,260
Internal Medicine	4/29/24	5/17/24	18	12	\$136	184	\$68	\$41,758
Critical Care & Pulmonary Physician	4/29/24	5/17/24	18	12	\$193	184	\$96	\$59,327
Podiatrist and Foot & Ankle Surgeon	4/29/24	5/19/24	18	12	\$71	184	\$36	\$21,948
Gastroenterologist	5/1/24	5/17/24	18	12	\$246	184	\$123	\$75,815
Emergency Medicine	5/1/24	5/17/24	16	12	\$182	184	\$91	\$51,748
Pediatric Cardiologist	4/29/24	5/17/24	18	12	\$252	184	\$126	\$77,740
Nurse Practitioner	5/1/24	5/17/24	16	12	\$44	184	\$22	\$12,562
Emergency Nurse	5/1/24	5/17/24	16	12	\$44	184	\$22	\$12,562
Logistics Manager	4/29/24	5/17/24	18	12	\$150	184	\$75	\$46,200
Emergency Medicine	5/1/24	5/19/24	18	12	\$182	184	\$91	\$56,121
CEO - Operations	4/29/24	5/17/24	18	12	\$500	184	\$250	\$154,000



APPENDIX

IV. Third Mission

Specialty	Entry Date	Exit Date	Number of Days	Avg Daily Working Hours	Avg Hourly Rate	Number of Prep Hours	Avg Prep Hourly Rate	Avg Donated Time
Orthopedic Surgeon	6/18/24	8/1/24	44	12	\$300	148	\$150	\$180,612
Internal Medicine	6/13/24	7/11/24	28	12	\$136	184	\$68	\$58,027
Anesthesiologist	6/13/24	7/11/24	28	12	\$227	184	\$113	\$97,123

V. Fourth Mission

Specialty	Entry Date	Exit Date	Number of Days	Avg Daily Working Hours	Avg Hourly Rate	Number of Prep Hours	Avg Prep Hourly Rate	Avg Donated Time
Emergency Medicine	8/1/24	8/6/24	5	12	\$182	184	\$91	\$27,664
Orthopedic Surgeon	8/1/24	8/15/24	14	12	\$300	36	\$150	\$55,800

VI. Fifth Mission

Specialty	Entry Date	Exit Date	Number of Days	Avg Daily Working Hours	Avg Hourly Rate	Number of Prep Hours	Avg Prep Hourly Rate	Avg Donated Time
Ophthalmologist	10/1/24	10/29/24	28	12	\$200	100	\$100	\$78,546
Anesthesiologist	10/1/24	11/5/24	35	12	\$227	100	\$114	\$106,708
Orthopedic Surgeon	10/1/24	12/31/24	91	12	\$300	100	\$150	\$342,600

Total Sum: \$2,824,813

***Avg Hourly Rate:** Average annual rate according to defined sources divided by 2080 working hours multiplied by 12 hours a day each in Gaza.

****Avg Prep Hourly Rate:** Overhead; training and travel = 50% the average work hourly rate "112 prep hours + 6 days of travel"; each day of travel is 50% work day



FAJR HUMANITARIAN INITIATIVES

FAJR FREE PHARMACY PROGRAM

- 600 Lantus and Novorapid insulin pens
- Our program has delivered more than 1,000 medications across various specialties, targeting areas with the greatest shortages and needs.



FAJR GAZA STREET CLINIC PROGRAM

The Gaza Street Clinic, a unique initiative by FAJR, addresses the critical healthcare crisis in Gaza. In our latest mission, we provided essential medical care to **500+ patients** since January 2023 in the streets of Gaza and across the corridors of the hospital.

MEDICAL SUPPLIES TO HOSPITALS IN GAZA

FAJR has raised funds for 15 containers of medical supplies for Gaza, but restrictions have limited deliveries to one truck with 13 pallets so far. Another truck with trauma supplies awaits clearance at Rafah Crossing.

Additionally, our doctors have transported over 250 suitcases filled with vital medical and surgical supplies to the European Gaza Hospital.

FAJR WATER DISTRIBUTION PROJECT

The water program by FAJR involves the delivery of 18,000 liters of purified water weekly to Al-Mawasi area west of Khan Younis. Our commitment is ongoing, with plans to renew every two months, ensuring support for as long as there are those in need.



FAJR HUMANITARIAN INITIATIVES

FAJR FOOD ASSISTANCE PROGRAM

At FAJR, we are committed to reducing hunger by providing nutritious meals:

- 1,500 chicken and rice meals
- 500 vegetable baskets



RESEARCH HIGHLIGHTS



SCHOLARLY CONTRIBUTIONS

FAJR Scientific is not only committed to providing direct medical care but also to contributing to global medical knowledge and policy development through participating in research, peer-reviewed publications, and presentations at conferences. Below is a summary of FAJR's scholarly contributions related to its Gaza missions.



PUBLICATIONS & PRESENTATIONS

FAJR Scientific is not only committed to providing direct medical care but also to contributing to global medical knowledge and policy development through participating in research, peer-reviewed publications, and presentations at conferences. Below is a summary of FAJR's scholarly contributions related to its Gaza missions:

I. PEER-REVIEWED PUBLICATIONS

Pearl, A., Saleh, K., & Fajr International Collaboration Group (2024). Pearls and Pitfalls of an Orthopaedic Mission Trip. *The Journal of the American Academy of Orthopaedic Surgeons*, 32(3), 108–113. <https://doi.org/10.5435/JAAOS-D-23-00424>

Blanchet, K., Najem, M., Shadid, L., Fehmi, R. A., Al Hammouri, F., Saed, G., Saleh, K. J., Nasser, M., Moukaddam, N., Polonsky, J., & Lattouf, O. (2024). Rebuilding the health sector in Gaza: alternative humanitarian voices. *Conflict and health*, 18(1), 42. <https://doi.org/10.1186/s13031-024-00599-0>

Hasan, A. I., Wajahath, M., Nasser, E., Nasser, M., Saleh, K. J., & the FAJR Scientific Research Collaborative (2024). Transforming Global Orthopaedic Missions Through Adversity, Lessons Learned, and Sustainable Planning Using Quality Assurance Principles: The FAJR Methodology. *The Journal of bone and joint surgery. American volume*, 106(14), 1338–1349. <https://doi.org/10.2106/JBJS.23.01272>

Irfan, B., Sultan, M. J., Khawaja, H., Wajahath, M., Nasser, E., Hasan, A. I., Fawaz, M., Nasser, M., & Saleh, K. J. (2024). Infection control in conflict zones: practical insights from recent medical missions to Gaza. *The Journal of hospital infection*, S0195-6701(24)00235-4. Advance online publication. <https://doi.org/10.1016/j.jhin.2024.06.014>

Irfan B, Abu Shammala A, Saleh K, Will there be a future for newborns in Gaza?, *The Lancet*, 2024. [https://doi.org/10.1016/S0140-6736\(24\)02249-9](https://doi.org/10.1016/S0140-6736(24)02249-9)

Irfan B, Lulu I, Hamawy A, Abu Shammala A, Kullab S, Fawaz M, Sammour A, Khawaja H, Alshaer N, Abu-Sittah G, Alser O, Perlmutter M, Al-Shembari A, Hickey J, Nayfeh T, Tahir M, Sultan J, Nasser E, Wajahath M, Yaqoob A, Hasan A, Elyadi A, Ghali A, Nasser M, Saleh K, Combating Infections Under Siege: Healthcare Challenges Amidst the Israeli Military Assault on Gaza, *World Medical & Health Policy*, 2024. <https://doi.org/10.1002/wmh3.642>

PUBLICATIONS & PRESENTATIONS

Irfan B, Abu Shammala A, Alshaer N, Nasser E, Wajahath M, Hamawy A, Tahir M, Khawaja H, Khan O, Fikry K, Kaleem A, Nasser M, Saleh K, There are dementia patients in Gaza too, Journal of Alzheimer's Disease, 2024.
<https://doi.org/10.1177/13872877241290368>

II. PRESENTATIONS

- Irfan B, Wajahath M, Reflections from Palestine: Educational & Medical Volunteering, Rayyan Center, Northville, MI, August 29, 2024.
- Irfan B, Bioethical crises in Palestine, Islamic Bioethics Affinity Group in American Society for Bioethics and Humanities, St. Louis, MO, September 19, 2024.
- Nasser E, Alshaer N, Wajahath M, Irfan B, Tahir M, Nasser M, Saleh KJ. Management of Fracture Related Infection in Conflict Zones: Lessons Learned from Medical Missions to Gaza. Podium presentation at the American Muslim Medical Students Association National Conference, Chicago, IL, October 26, 2024.
- Wajahath M, Nasser E, Irfan B, Saleh K, FAJR Scientific Research Collaborative, Trauma by the Numbers: A Cross-sectional Categorization and Analysis of Trauma Severity in Gaza, American Muslim Medical Students Association National Conference, Chicago, IL, October 26, 2024.
- Saleh K, Wajahath M, Nasser E, Irfan B, Nayfeh T, Yokhana S, Moussa M, Ghali A, Hasan A, Nasser M. Using Population Health to Improve Outcomes, American Association of Hip and Knee Surgeons, Dallas, TX, November 8, 2024.
- Irfan B. Healthcare Under Occupation, Vanderbilt University, Nashville, TN, November 15, 2024.