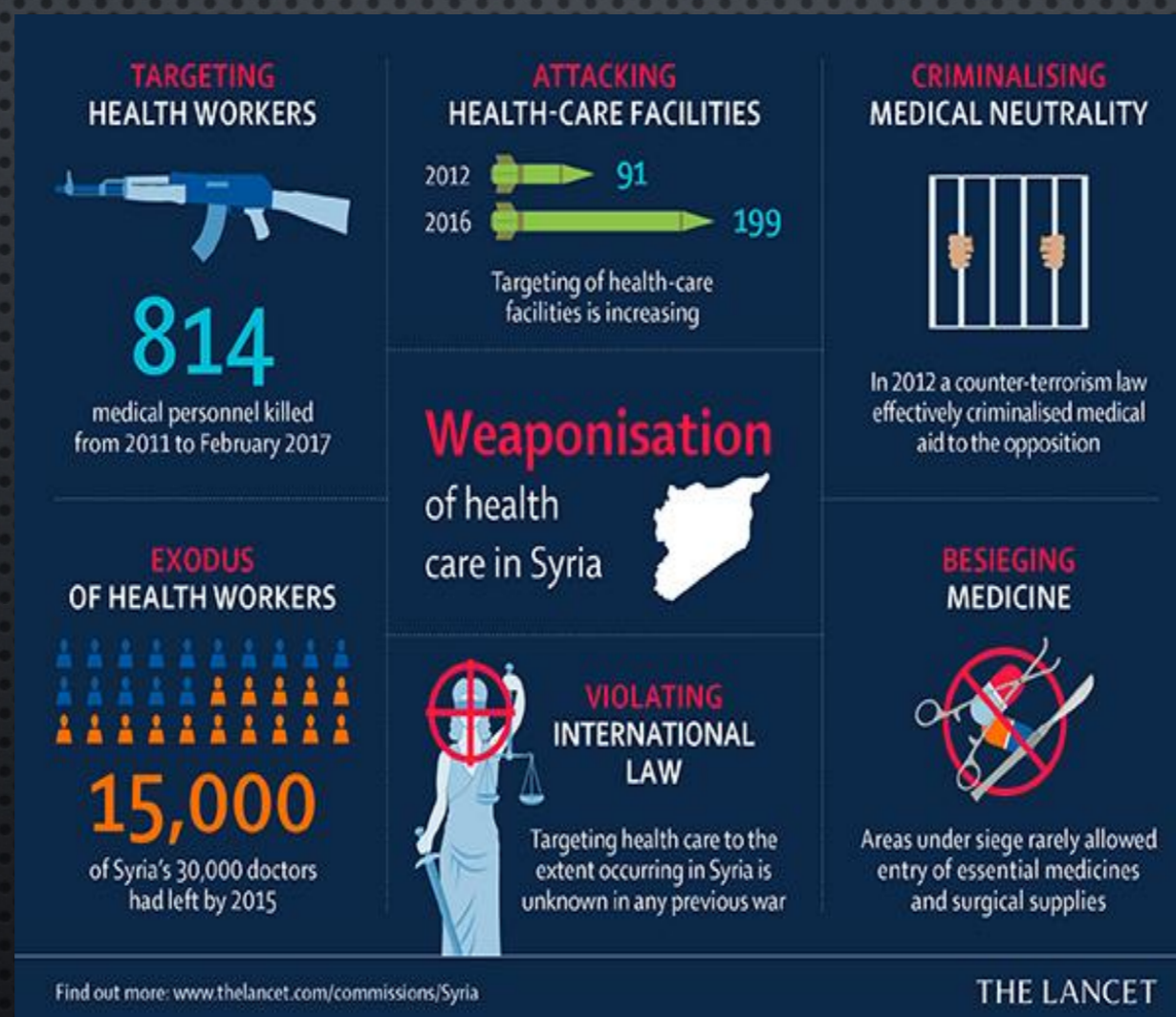
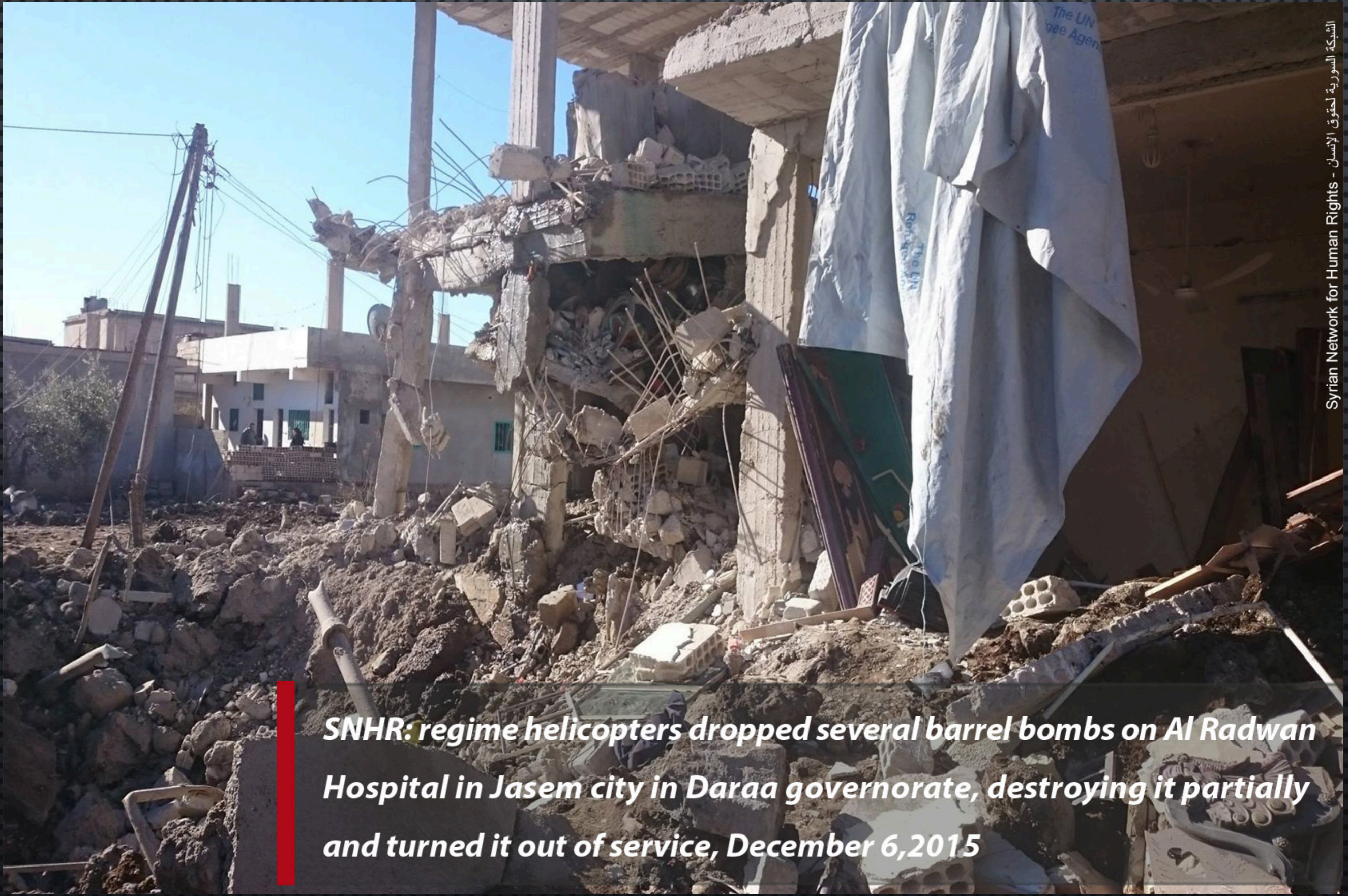


Health workers and the weaponisation of health care in Syria: a preliminary inquiry for The Lancet–American University of Beirut Commission on Syria

Fouad M Fouad, MD, Annie Sparrow, MBBS, Ahmad Tarakji, MD, Mohamad Alameddine, PhD, Prof Fadi El-Jardali, PhD, Adam P Coutts, PhD, Nour El Arnaout, MPH, Lama Bou Karroum, MPH, Mohammed Jawad, MBBS, Sophie Roborgh, MSc, Aula Abbara, MBBS, Fadi Alhalabi, MD, Ibrahim AlMasri, MD, Samer Jabbour, MD

The Lancet
Volume 390, Issue 10111, Pages 2516-2526 (December 2017)
DOI: 10.1016/S0140-6736(17)30741-9





SNHR: regime helicopters dropped several barrel bombs on Al Radwan Hospital in Jasem city in Daraa governorate, destroying it partially and turned it out of service, December 6, 2015



TARGETED BY
GOVERNMENT OF
SYRIA AIRFORCE
ON



Russian Ministry of Defense: Bombing of Water Treatment Plant



SNHR: regime warplanes fired missiles near a water purification plant in Al Khafsa town in Aleppo governorate, causing damages, November 26, 2015.



SNHR: regime helicopters dropped several barrel bombs on Al Radwan Hospital in Jasem city in Daraa governorate, destroying it partially and turned it out of service, December 6, 2015



- DOCTORS, DENTISTS, PHARMACISTS, PARAMEDICS & MEDICAL STUDENTS CONTINUE TO WORK DESPITE THE DAILY DANGERS. OVER 900 VERIFIED MEDICAL PERSONNEL HAVE BEEN KILLED.



WORLD NEWS MARCH 14, 2018 / 3:54 PM / 7 DAYS AGO

U.N. adviser Egeland says 'tremendous battles' still loom in Syria

To stem one of the worst effects of the fighting - air strikes on medical facilities - Egeland said a new notification system for the coordinates of more than a dozen hospitals had gone into effect in the last few days.

“We have delivered coordinates on hospitals both in eastern Ghouta and in Idlib to the United States and to Russia, and Russia will not only guarantee that they will not attack, we’re asking them also to make sure that Syrian armed forces, the air force, is not targeting the hospitals,” Egeland said.

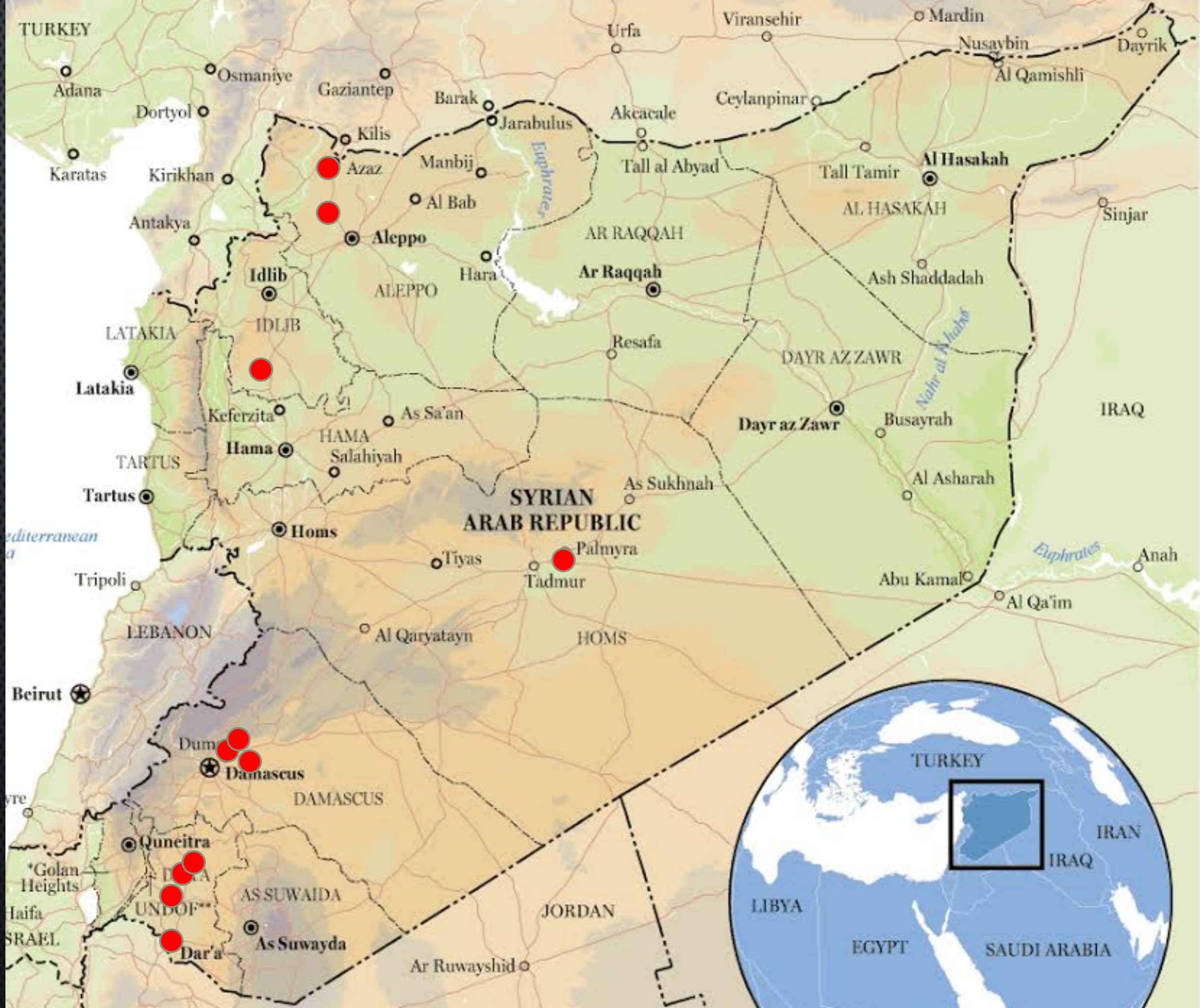
[Published by Reuters](#), March 14, 2018:

INTENTIONALITY OF
HEALTH CARE
ATTACKS IS CLEARER
NOW, THAN EVER
BEFORE:

GPS SHARING,
INTRODUCED TO
PROTECT
HEALTHCARE, IS
INSTEAD ASSISTING IN
KILLING.

THIS PATIENT KILLED IN
HIS HOSPITAL BED IN
ARBEEN (EASTERN
GHOUTA) AFTER THE
CLINIC'S GPS
COORDINATES WERE
PROVIDED TO UN.





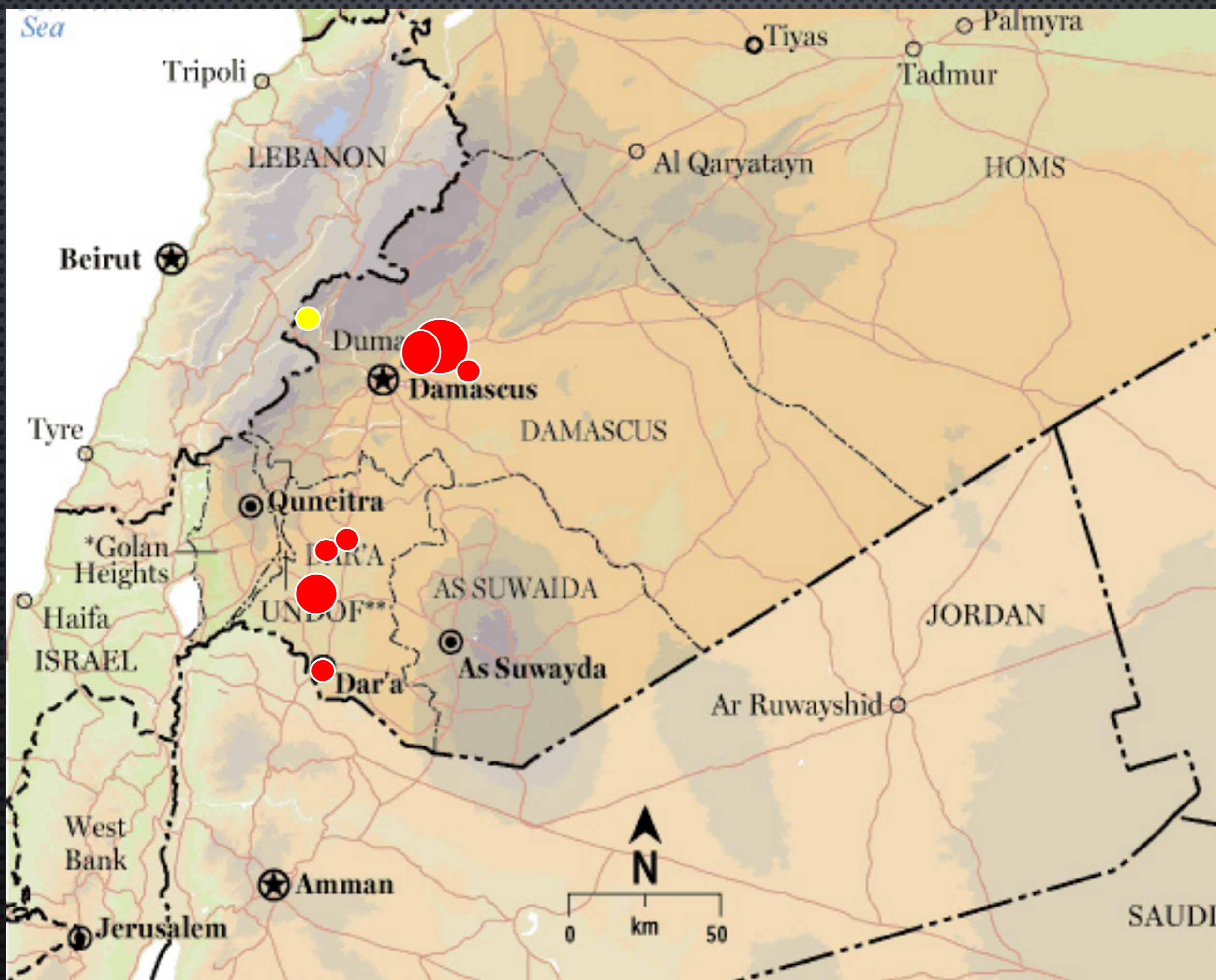


Figure 1

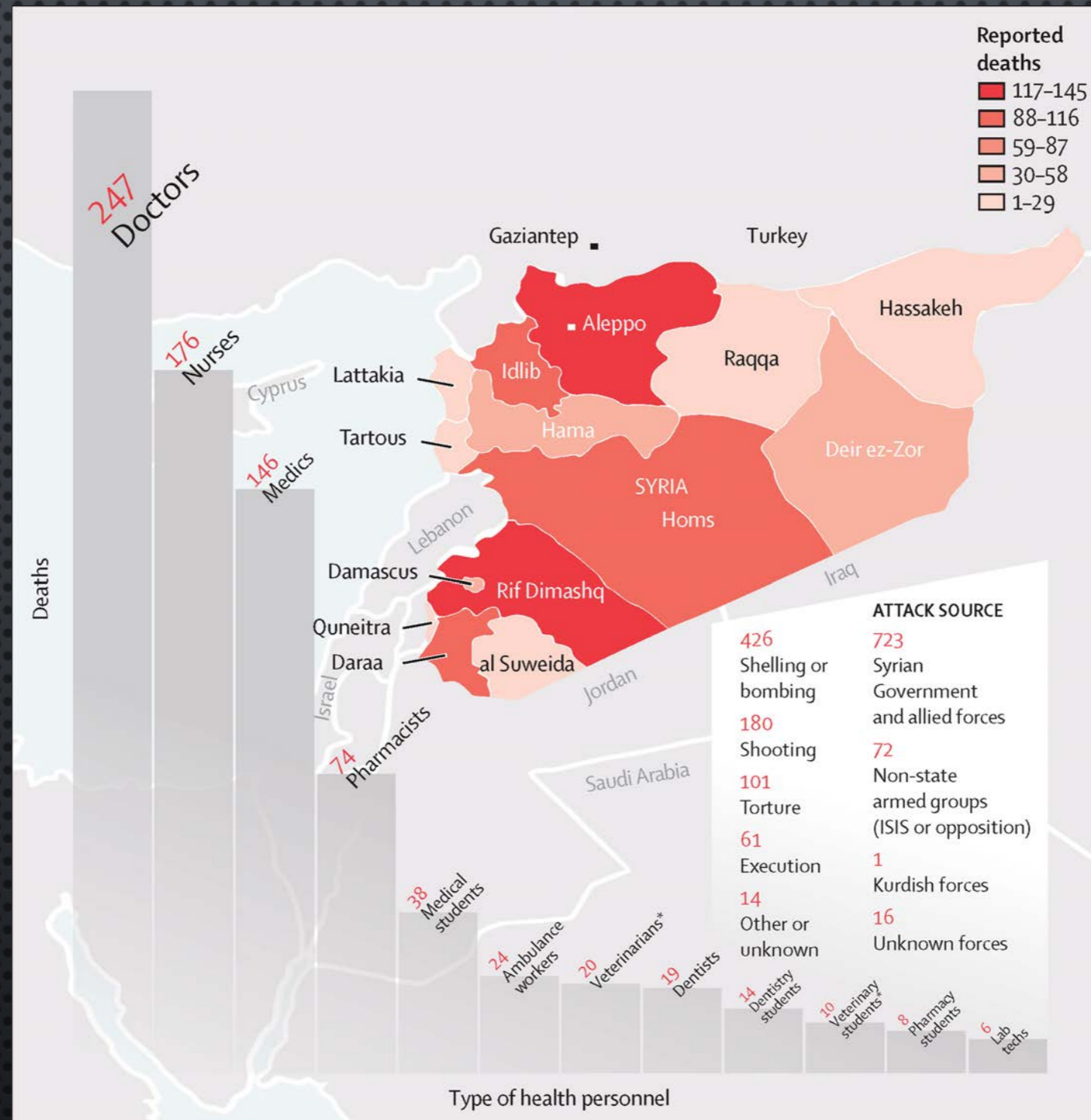


Figure 2

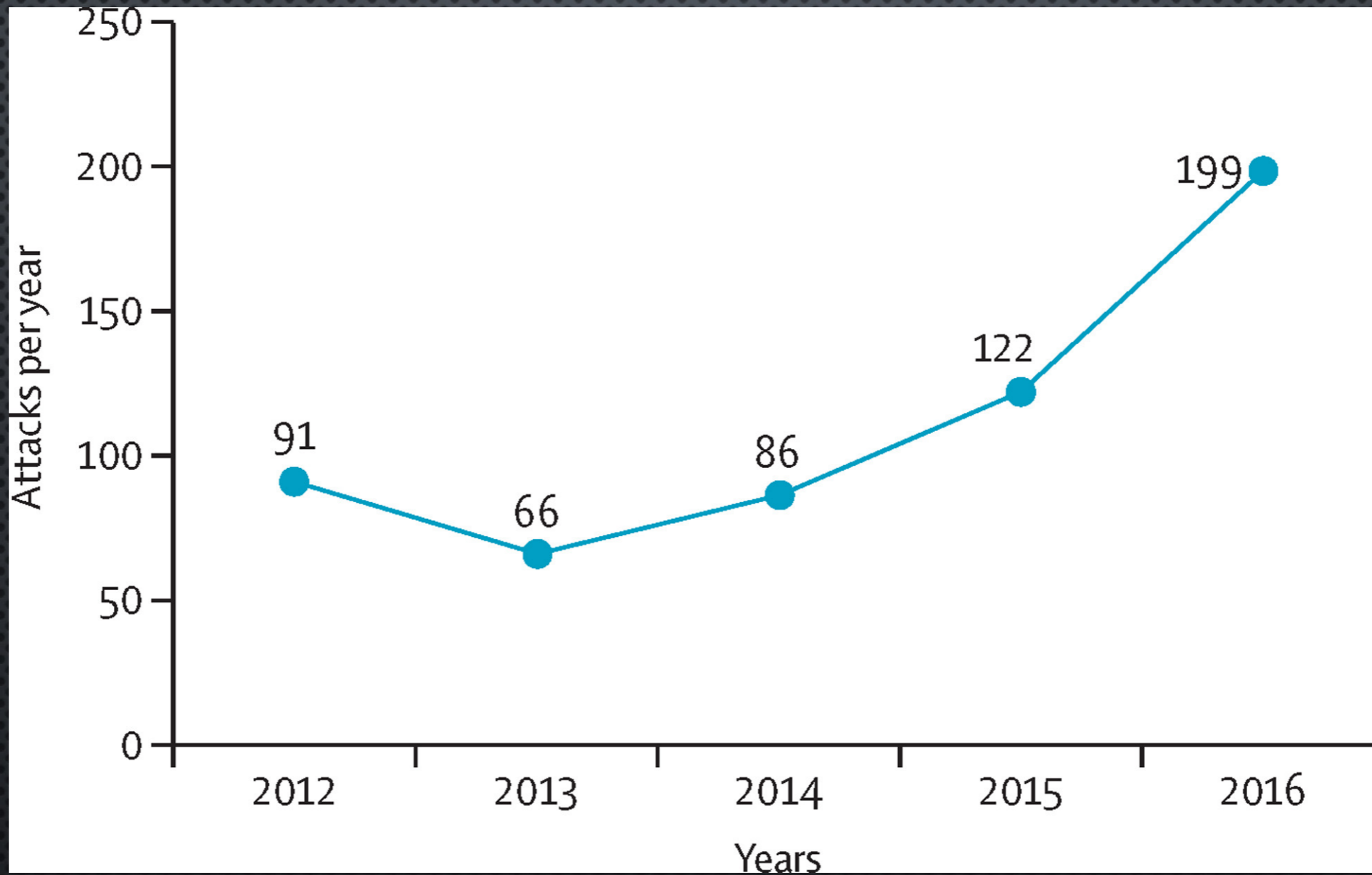
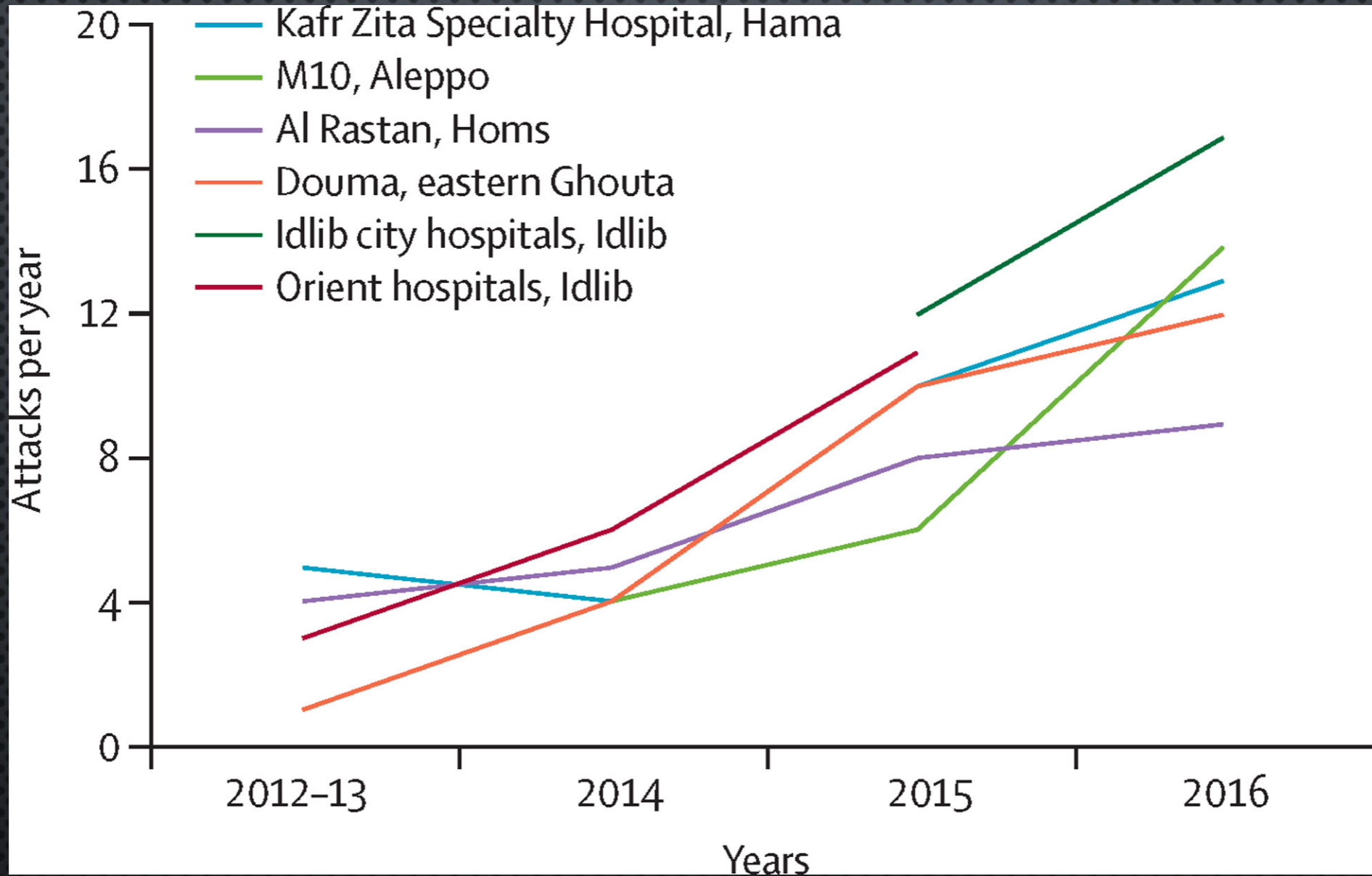


Figure 3



- Occupation
- Bomb/destroy
- Confiscation of supplies and equipment
- Access blocked

Health Facilities

Health Transports

- Bombed or destroyed
- Confiscated
- Checkpoints and delays

Patients

Health workers

- Name/Subject Sub**
Title/caption
Title/caption
- Shot
 - Beaten
 - Threatened
 - Interrogated
 - Kidnapped
 - Tortured
 - Raped
 - Arrested

- Shot
- Beaten
- Threatened
- Interrogated
- Kidnapped
- Tortured
- Raped
- Arrested



Findings- 2016

Hospital	Out Patient	Other Facility	Transports	Total
120	25	31	16	200

33 facilities attacked more than once.

Two health facilities attacked more than 10 times, both in Aleppo

Casualties

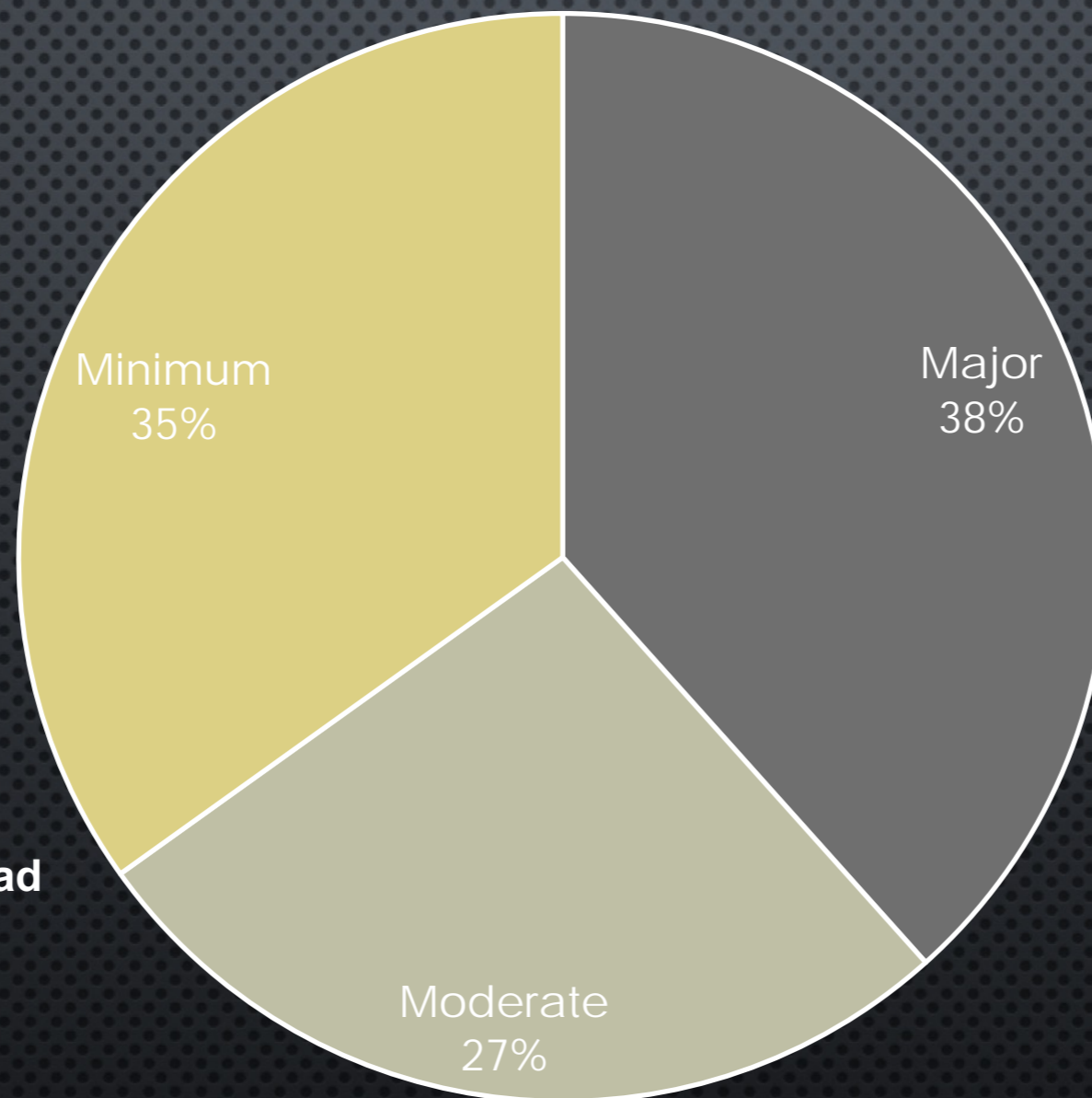
	Staff	Patients
Deaths	112	185
Injuries	94	339

By Region

Table 1. Geographical distribution (%) of incidents by governorate.

Governorate	Incidents	Casualties (deaths + injuries)
Hama	12 (6%)	12 (1.8%)
Homs	17 (8.5%)	45 (6.7%)
Aleppo	122(61%)	428 (63.5%)
Idleb	49(24.5%)	189 (28.0%)

Extent of Damage

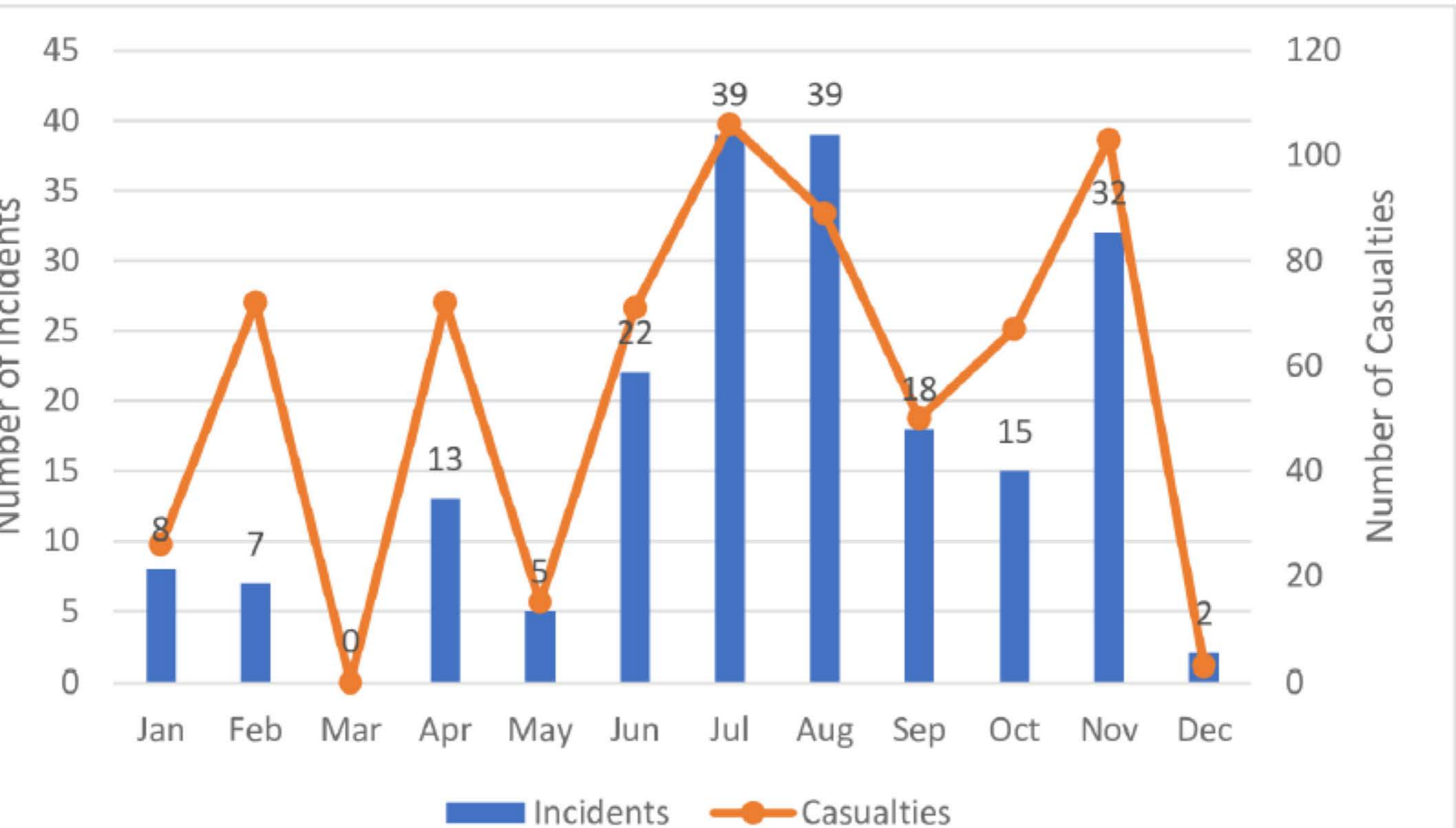


Name/Subject Subhead
Title/caption
Title/caption

Header/Full Bleed Image



Incidents and Casualties



SURVEILLANCE SYSTEM FOR ATTACKS ON HEALTH CARE (SSA) Administrator's Dashboard

Search

139
Attacks

[More info](#)

101
Deaths

[More info](#)

189
Injuries

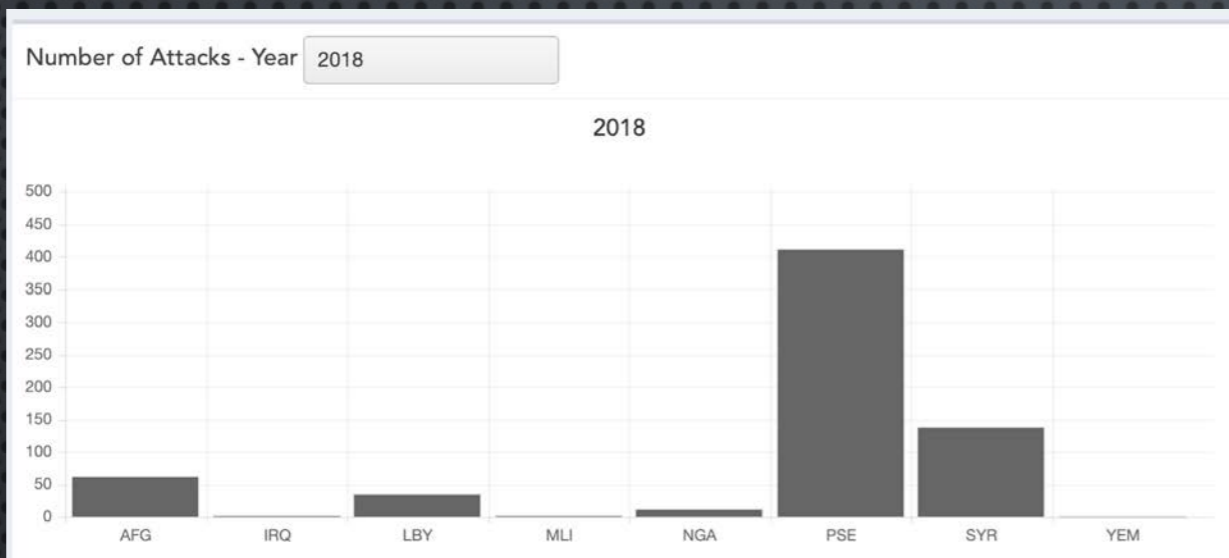
[More info](#)

1
Countries & Territories

[More info](#)

Recently Reported Attacks

Attack ID	Date & Time	Country	Classification	Type
SYR000984	12/12/18, 13:15:00	SYR	Confirmed	Violence with heavy weapons (requires more than one person to use such as firearms, tanks, missiles, bombs, mortars)
SYR000965	29/11/18, 16:10:30	SYR	Probable	Violence with heavy weapons (requires more than one person to use such as firearms, tanks, missiles, bombs, mortars)
SYR000827	29/10/18, 17:30:00	SYR	Confirmed	Psychological violence/threat of violence/intimidation, Violence with individual weapons (knives, bricks, clubs, guns, grenades and improvised explosive devices (IED)
SYR000825	20/10/18, 11:30:00	SYR	Confirmed	Assault (without weapons)
SYR000775	02/10/18, 09:45:00	SYR	Confirmed	Violence with individual weapons (knives, bricks, clubs, guns, grenades and improvised explosive devices (IED)



Comparative data

Attacks	Deaths	Injuries
2019	23	18
2017	5	3
2018	671	843

DAY 916

September 16th, 2013 by [Annie Sparrow](#) · 5 min read ·

 Facebook

 Twitter

Preventing Medicine: A New Weapon of Mass Destruction

Last week, New York Times columnist Nick Kristof nominated Syria as the world capital of human suffering. It's not just the direct consequences of war: the bombs, rockets, artillery, bullets and now gas rained down upon the civilian population.

CRISIS ACTION NEEDED ONE OF THE OPEN LETTER DOCTORS TO CLARIFY THE ASSAD REGIME AS VIOLATORS OF MEDICAL NEUTRALITY

Syria's Assault on Doctors

Annie Sparrow



JM Lopez/AFP/Getty Images

A destroyed ambulance in Aleppo, Syria, January 12, 2013

Over the last few weeks, the growing plight of Syria's civilian population has drawn

December 19 2013, 7.05pm EST

Doctors on the frontline: we are targets in Syria's civil war



The victims of civil war doctors are trying to help. Manu Brabo/AP

We don't know the exact details of why Abbas Khan, the British surgeon who **died while in custody**, was arrested last November at a regime checkpoint in Syria and imprisoned and

AL-KINDI HOSPITAL: BEFORE AND AFTER



GOT AID?

طفل سوري يخاطر بحياته لشراء رغيف الخبز لعائلته

Syrian child risking his life to buy loaf of bread for his family

#BREAKSIEGE

#كسر_الحصار

رغيف خبز: أحد وسائل نظام الأسد

لكسر صمود الشعب من خلال منع

دخوله للمدن والأرياف سياسة التجويع

Loaf of bread: Assad regime way to break resilience
Syrian people by prevent entering bread
to cities and rural areas.

Starvation policy Assad policy in Syria



WAR GAMES





ZMA

وكالة زاجل الإعلامية

الشيخ منصور

دوار الحديدية

مشيخة الشاذلي

حي الشيخ خضر

ارض العمرا شارع الفيلات - الصاخور

كرم البيك

طريق الباب

حابت

كرم الفاطرجي

كرم الجزماتي

الميسر

دوار الحاووط

المرجة

دوار الصناعة

سكني

الأنصاري - ضهرة عواد

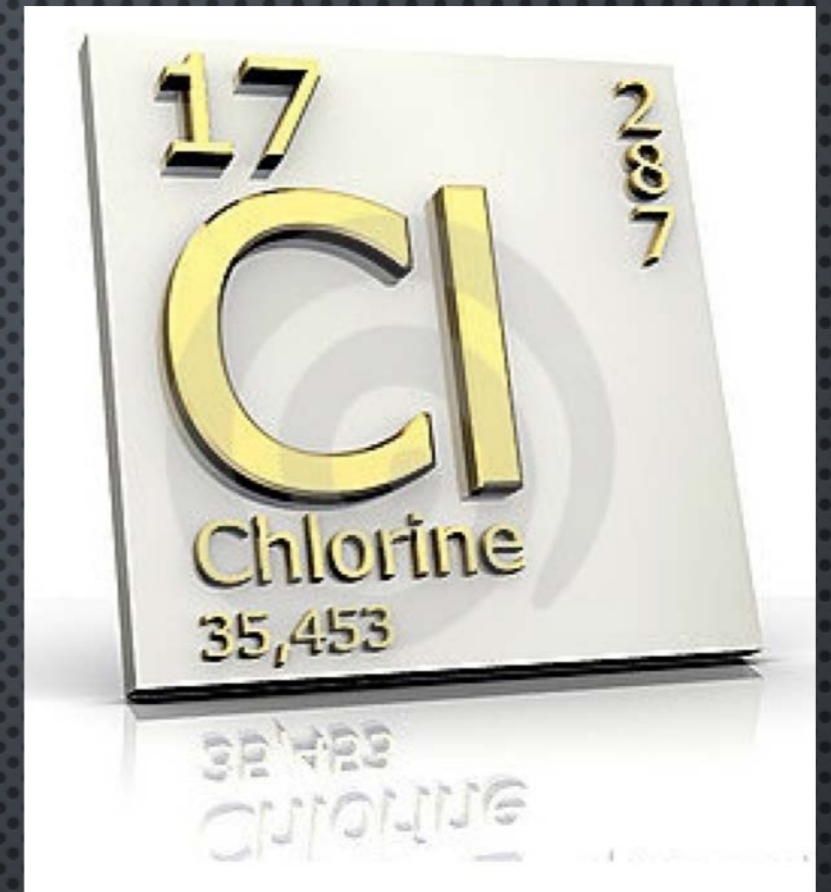
الفردوس

DR. HOSAM JAROUD MOHAMED KHALIJI





THE WEAPONIZATION OF CHLORINE



**ASSAD'S TRANSFORMATION
OF THE PRINCIPAL ELEMENT OF PUBLIC HEALTH INTO A TOOL
OF BIOLOGICAL WARFARE AND TERROR**

DR. ANNIE SPARROW, MBBS MD MRCP FRACP MPH

BY SYRIANS, WITH SYRIANS, FOR SYRIANS.

WATER PURIFICATION



- 90% WATER SOURCES IN US AND EUROPE DEPEND ON CHLORINE. IT KILLS ALL LIVING SPECIES
- CHOLERA AND TYPHOID WERE BROUGHT UNDER CONTROL MID 20TH CENTURY ONLY BY CHLORINE



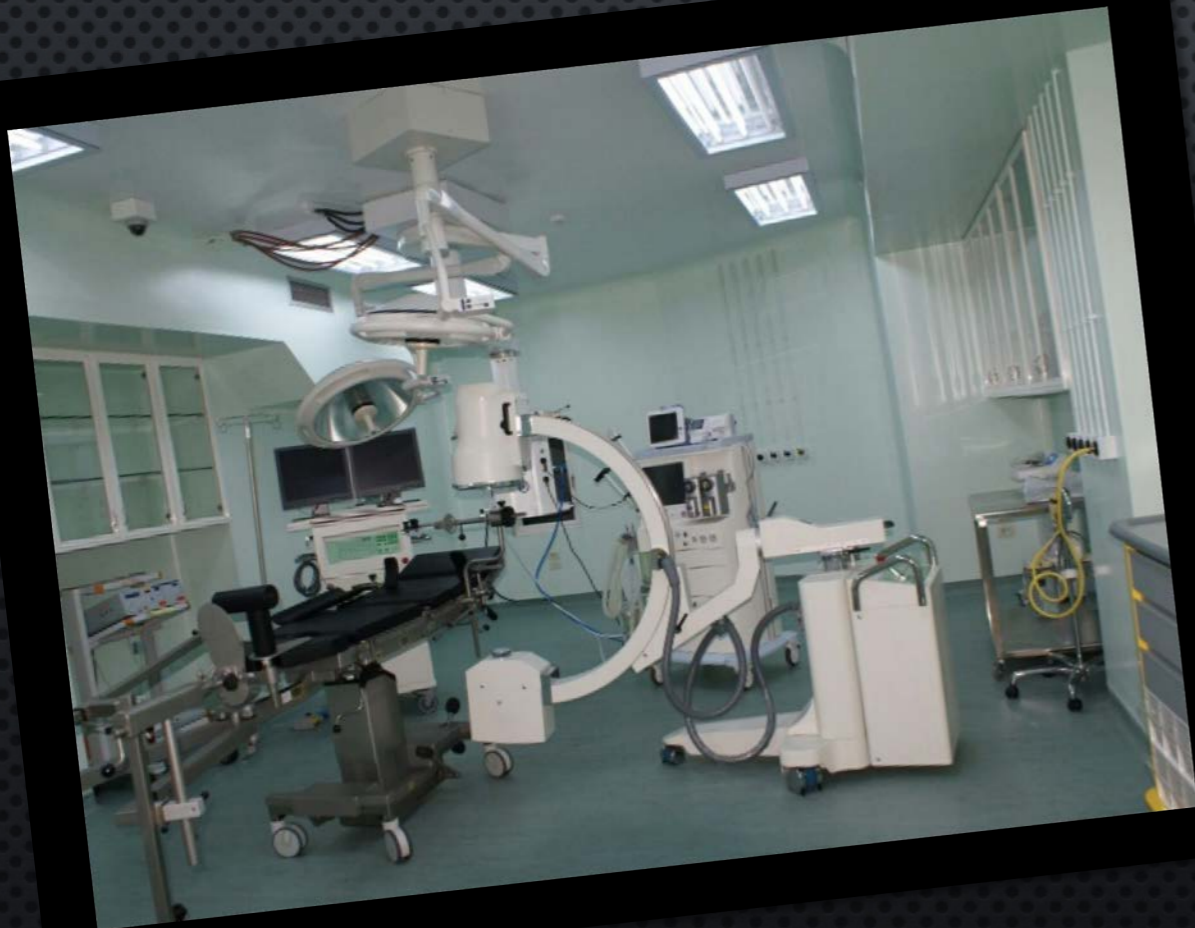
BEYOND SAFE DRINKING

WATER – LAUNDRY, TOILETS

HOSPITALS – ORs, ERs, WARDS

EPIDEMICS: EBOLA IN WEST AFRICA

CHOLERA IN EAST AFRICA + HAITI





MODERN ANTIBIOTICS MEDICINES

ANALGESICS (TYLENOL) &
ANXIOLYTICS (XANAX)

ANESTHETIC AGENTS

SURGICAL SCRUBS

CHEMOTHERAPY DRUGS

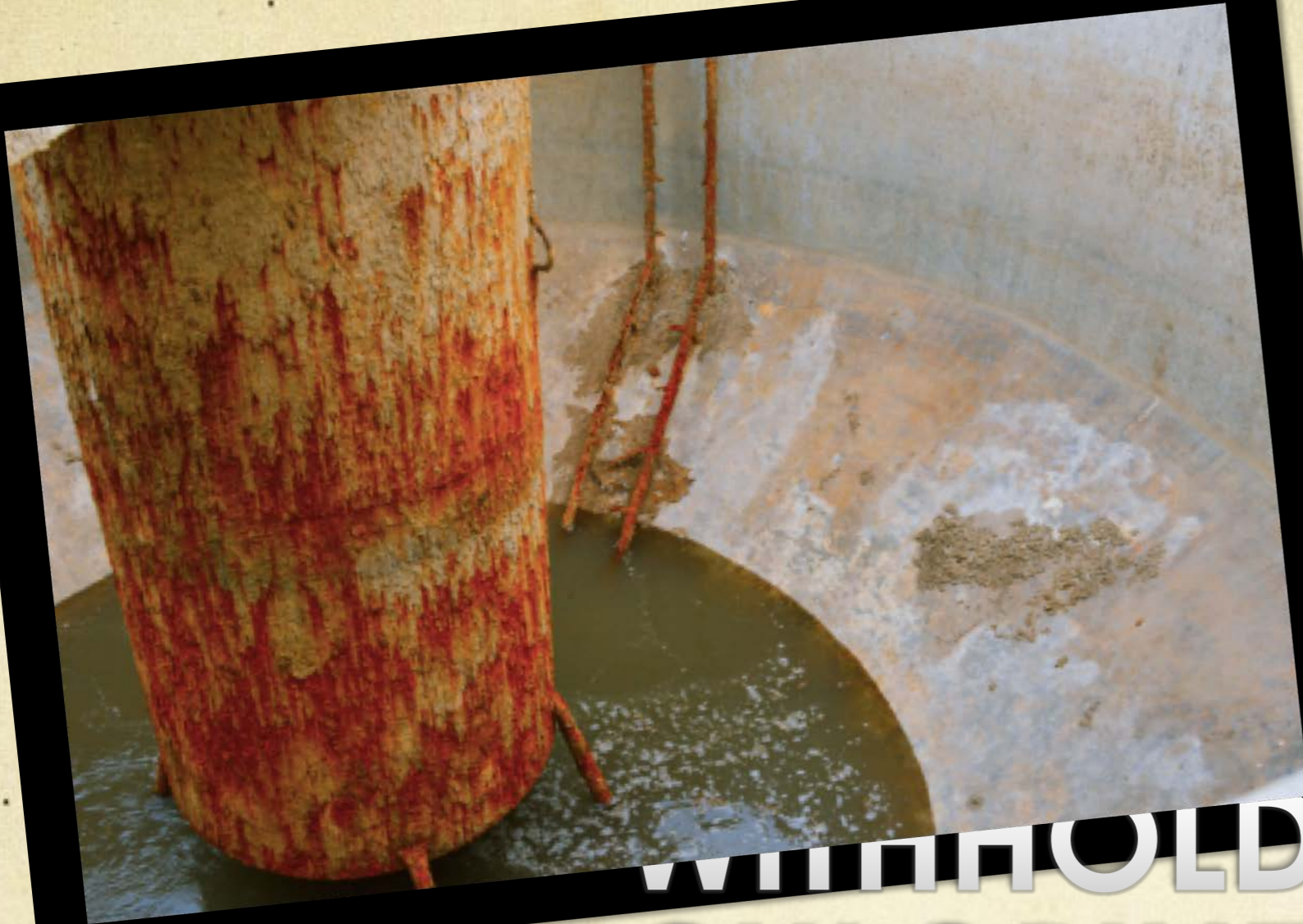
ANTI-HISTAMINES

ASTHMA DRUGS

ANTI-MALARIALS

STERILE GLOVES, GLASSES, DIALYSIS
TUBING, URINARY CATHETERS, IV
FLUID BAGS, XRS...





WITHHOLDING OF CHLORINE:

CHOLERA: WHO ALERT FEB 24, 2015
BIOLOGICAL WARFARE
LACK OF SURVEILLANCE

NO LABORATORIES, RDTs

PREVIOUS COVER-UPS OF CHOLERA IN
RAQQA (2005) & DEIR EZZOR (2009)



THE RETURN OF POLIO & THE RISE OF WATER-BORNE DISEASE

HEPATITIS A: 10,000 CASES IN 2014

TYPHOID: ENDEMIC IN MAYADEEN

HAND, FOOT AND MOUTH DISEASE IN DARA'A



DESTRUCTION OF PHARMACEUTICAL INDUSTRY IN ALEPPO

WOUND INFECTIONS → GANGRENE + AMPUTATIONS. MATERNAL SEPSIS

FROM LEGITIMATE DUAL-USE COMPOUND TO ILLEGAL WEAPON



Cost-effective
Cheap
Locally made

CHEMICAL VS CONVENTIONAL



Bass
for the hundreds of civilians who died in sarin attacks on the Syrian town of Zamal, August 2013. After the attacks the Syrian government, under the threat of US military elimination of its chemical weapons but was able to keep its stockpiles of chlorine, reportedly used in attacks on civilians.



Kids matter: Key to engaging public + political action

CHLORINE AND BARREL BOMBS SHARE SAME DELIVERY MECHANISM

BY HIGHLIGHTING CHLORINE
ATTACKS, WE FOCUS
ATTENTION ON BARREL
BOMBS TOO—THE BIG
KILLERS.





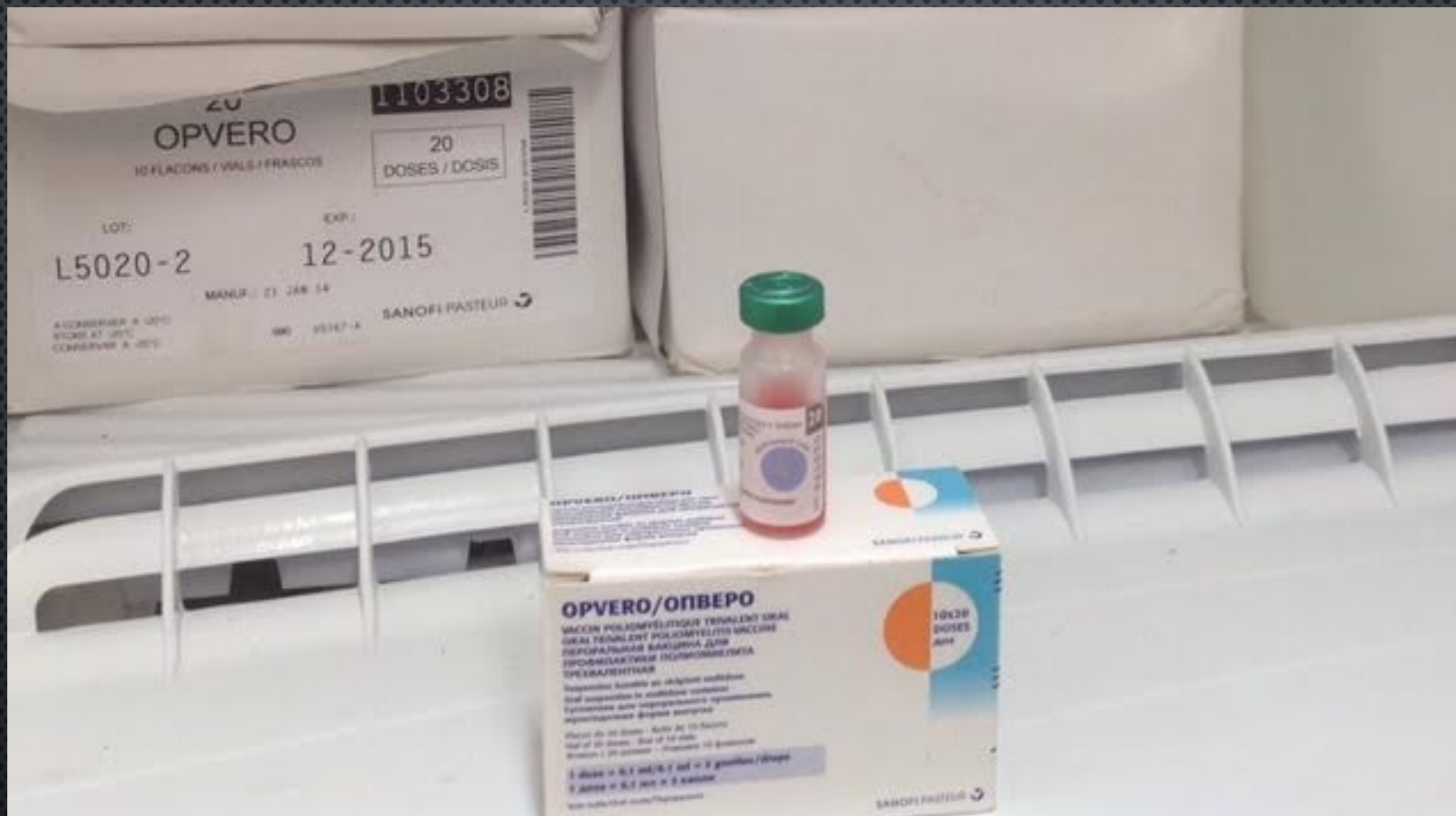
248,000 DOSES POLIO VACCINE PROCURED BY
WHO & UNICEF EXPIRED DUE TO INCOMPETENT
STORAGE BY SAVE THE CHILDREN

EXPIRED, SOLD OR WASTED: UN AID IN SYRIA

FOOD, MEDICINE, AND OTHER ESSENTIAL
SUPPLIES ARE OFTEN DAMAGED,
EXPIRED, AND FOUND IN COMMERCIAL
MARKETS



WFP AID SOLD IN DAMASCUS CITY MARKET, AUGUST



EXPIRED POLIO VACCINES IN GOVERNMENT HEALTH FACILITY, IDLEB CITY 2015



Syrian military forces stockpiles of UNHCR, WFP and ICRC food and other relief items were found in a military base in Idleb, May 2015.



UNICEF FAMILY HYGIENE KITS IN AL MASTON MILITARY BASE
MAY 2015.

(AL MASTON WAS THE LAST MAJOR SYRIAN ARMY MILITARY
BASE BEFORE THE SYRIAN GOVERNMENT LOST CONTROL OF
IDLEB GOVERNORATE)

Oct 18-20 2015 UN convoys delivered 'critical' cross-border aid to two hard-to-access government-friendly towns in Idleb. SARC convoys from Damascus delivered UN aid to government-besieged towns in rural Damascus.



The convoy to the civilian town of Mudaya, contained expired high energy biscuits. (320/650 boxes). This was discovered 3 days later after over 200 children subsequently developed food poisoning.



HIGH ENERGY BISCUITS
 Net Weight 400g e (2 x 200g)
 FOR HUMAN CONSUMPTION
 Manufacturer:
 NUOVA INDUSTRIAL BISCOTTI CRUNCH SPA - ITALY

ENERGY CONTENT*	MINERAL CONTENT*	VITAMIN CONTENT*
Energy (kcal)	450 Calcium (mg)	250 Vitamin B1 (mg)
Vitamin (ascorbic acid)	450 Magnesium (mg)	150 Vitamin B2 (mg)
Protein (g)	15 Iodine (mg)	11 Vitamin B6 (mg)
Fat (g)	15 Folic acid (mcg)	75 Vitamin B12 (mcg)
Sugar (g)	12.5 Phosphoric acid (mg)	80 Nicotin (mg)
		Vitamin C (mg)
		Vitamin A (mcg)
		Vitamin D (mcg)
		Vitamin E (mg)

*Average value per 100g
Batch number, Date of manufacture and Expiry date: See markings on this pack.

HIGH ENERGY BISCUITS
 Net Weight 400g e (2 x 200g)
 FOR HUMAN CONSUMPTION
 Manufacturer:
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Fat (g)	15 Folic acid (mcg)	75 Vitamin B12 (mcg)
Sugar (g)	12.5 Phosphoric acid (mg)	80 Nicotin (mg)
		Vitamin C (mg)
		Vitamin A (mcg)
		Vitamin D (mcg)
		Vitamin E (mg)

*Average value per 100g
Batch number, Date of manufacture and Expiry date: See markings on this pack.



FOOD ITEM WITHIN EXPIRY DATE
CONTAMINATED BY COCKROACHES

U.N. Agency Hires Wife of Top Figure in Syrian War to Assist the Displaced

By SOMINI SENGUPTA FEB. 24, 2016



UNITED NATIONS — When the [World Health Organization](#) wanted to know how the war in [Syria](#) was affecting the mental health of those forced to flee their homes, the agency hired someone known less for her expertise than for her connections: The consultant, Shukria Mekdad, is the wife of Faisal Mekdad, the deputy foreign minister of Syria and a powerful [defender of the government's war effort](#).

Her appointment has led critics to question the aid agency's impartiality.



The New York Times

SYRIA

Blood and war: How a UN agency cooperates with Assad

By **George Russell**, and Annie Sparrow · Published October 27, 2016 · Fox News



Syrian Conjoined Twins Die While Waiting For Lifesaving Surgery

August 24, 2016 · 4:44 PM ET



Ministry of foreign affairs deliberately delayed the issuing of passports to the twins and their mother

Drafting of supplies list, WHO, other UN agencies and ICRC

First revision, deciding of time, driver sand trucks to be in the convoy, SARC

Second revision of supplies list and issuance of facilitation letter(FL), HRC

Minister of health sign the FL after being reviewed by department of preparedness (DoP).

FL stays with SARC driver until the finish of the convoy delivery

Sealing of truck using lead seal with HRC logo and signing FL, The 2 intelligence officers and DoP staff

Truck is loaded with supervision from DoP staff and 2 intelligence officers from military and air force branches

SARC give the FL to its driver who head to the agency's warehouse where supplies are stored, SARC

Facilitation Letter return to SARC HQ which send it to the governor office





Annie Sparrow @annie_sparrow · Mar 6

1/4 Dr. Al Hajjaj al-Sharaa's primary responsibility is to delete life-saving supplies from convoys to Eastern Ghouta & other besieged areas. Facilitation letters allowing medical and surgical supplies must be approved by the Department of Preparedness before convoys are loaded.

Dr. Al Hajjaj al-Sharaa

Director,
Department of
Preparedness,
Ministry of Health,
Syrian Arab Republic



1



25



14





Annie Sparrow @annie_sparrow · Mar 6

2/4 Dr. Al Hajjaj also heads up Al Sham, an Assad-approved local NGO that is in partnership with @WHO, @UNICEF and @UNHCR. He uses his position at the Ministry of Health to facilitate approvals for funding of his humanitarian projects at Al Sham.

List of National NGOs Authorized by MoFA
31 December 2016

NGO English name	Turk	Leban	Wit	Iran	Yemen	Democr	Saudi	Qatar	Ukraine	Other	Other	Other	Other	Other	Other	Other	TOTAL No. of Branch
11 Arabesque Charity Society in Lebanon	1																1
12 Al-Bassal Charity		1															1
13 Al-Bassal Charity		1															1
14 Al-Bassal Charity Society		1				1											2
15 Al-Bayhaq Charity Society	1																1
16 Al-Golan in Al-Najaj Al-Awad													1				1
17 Al-Haban Society				1		1											2
18 Al-Jadida Islamic Charity Society	1																1
19 Al-Jadida Al-Qade (Intelligent Woman) Society	1																1
20 Al-Jadida Islamic Charity Society		1															1
21 Al-Jadida Association											1						1
22 Al-Razan Charity NGO													1				1
23 Al-Razan Charity Society		1															1
24 Al-Razan Charitable and Social Society													1				1
25 Al-Razan Charity Society													1				1
26 Al-Razan Charity for people in special needs		1															1
27 Al-Razan Charity Fund							1										1
28 Al-Razan Charity Society					1												1
29 Al-Razan Association								1									1
30 Al-Razan and social services society				1	1								1			1	3
31 Al-Razan and Social Services		1															1
32 Al-Razan and Social Services Association in Beirut	1																1
33 Al-Razan Workshop in Mshakameh Al-Ramman												1					1
34 Al-Razan Workshop Association in Marjayoun Al-Ramman												1					1
35 Al-Razan Al-Ramman charity society												2			1		3
36 Al-Razan charity society in Raouneh															1		1
37 Al-Sham Health Association								1									1
38 Al-Sham Charity								1									1
39 Al-Sham Charity Association									1								1
40 Al-Sham Charity NGO for Development & Help of the Needy		1															1
41 Al-Sham Association													1				1
42 Al-Sham Association in Tarfaya															1		1
43 Al-Sham Charity																	1
44 Al-Sham Charity																	1
45 Al-Sham Charity																	1
46 Al-Sham Charity																	1
47 Al-Sham charity society for Golan people																	1
48 Al-Sham Al-Ramman Association																	1
49 Al-Sham Charity Association																	1
50 Al-Sham Charity																	1
51 Al-Sham Association for Development																	1
52 Al-Sham Association for Women																	1
53 Al-Sham Al-Ramman Association																	1

12 5



Annie Sparrow @annie_sparrow · Mar 6

3/4 One of Dr. Al Hajjaj's staff members from the MoH Department of Preparedness checking off convoy items to match it with the Al Hajjaj-approved minimized list foreignpolicy.com/2018/02/09/hyp...



MOH STAFF MEMBERS THEN CHECK OFF CONVOY ITEMS BEFORE SENDING- ITEMS WHICH ARE NOT APPROVED BY DR. AL HAJJAJ ARE REMOVED.



- AFTER LOADING OR CONVOY TRUCKS, AIRFORCE AND MILITARY SECURITY OFFICERS SEAL THE TRUCKS WITH THE HIGHER RELIEF COMMITTEE LEAD SEAL



Mohamad Katoub @MhdKatoub · Mar 19

The warehouse in #Ghouta where the last UN convoy was off loaded was hit yesterday by an airstrike



AFTER THE LIMITED CONVOY ARRIVES TO BESIEGED AREAS; OFF LOADING AREAS ARE SYSTEMATICALLY TARGETED BY THE REGIME.

17

298

124

