

Attitude of medical personnel toward Health System in Iraq

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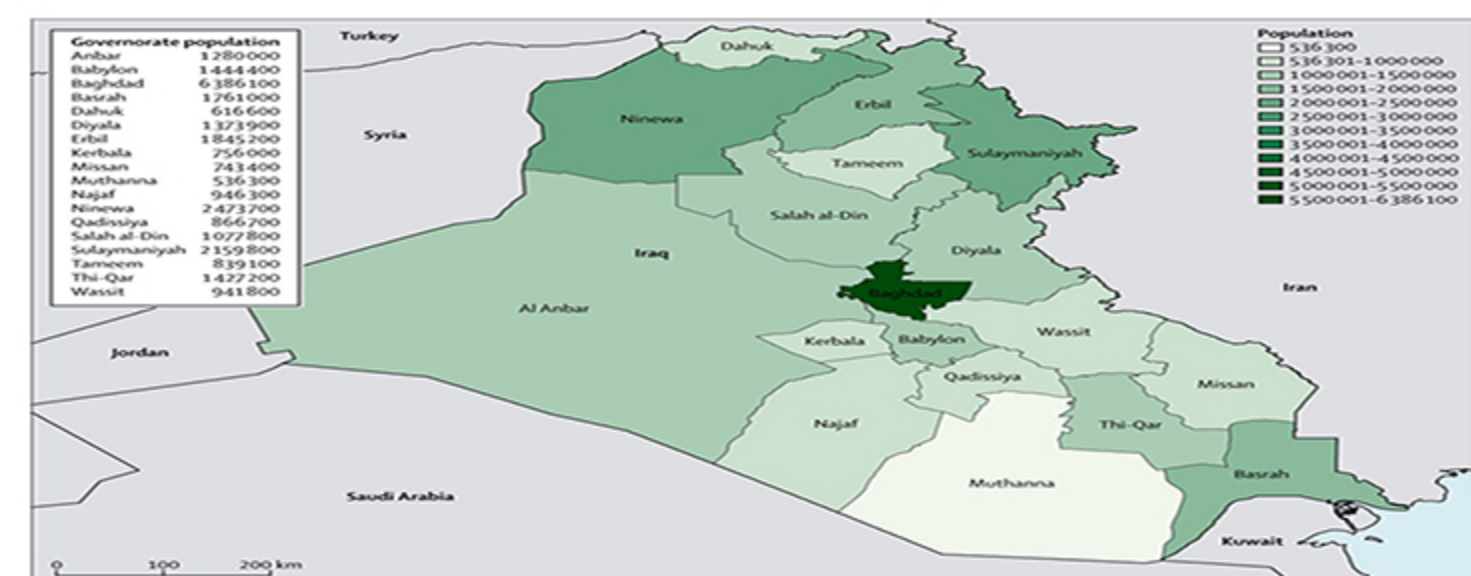
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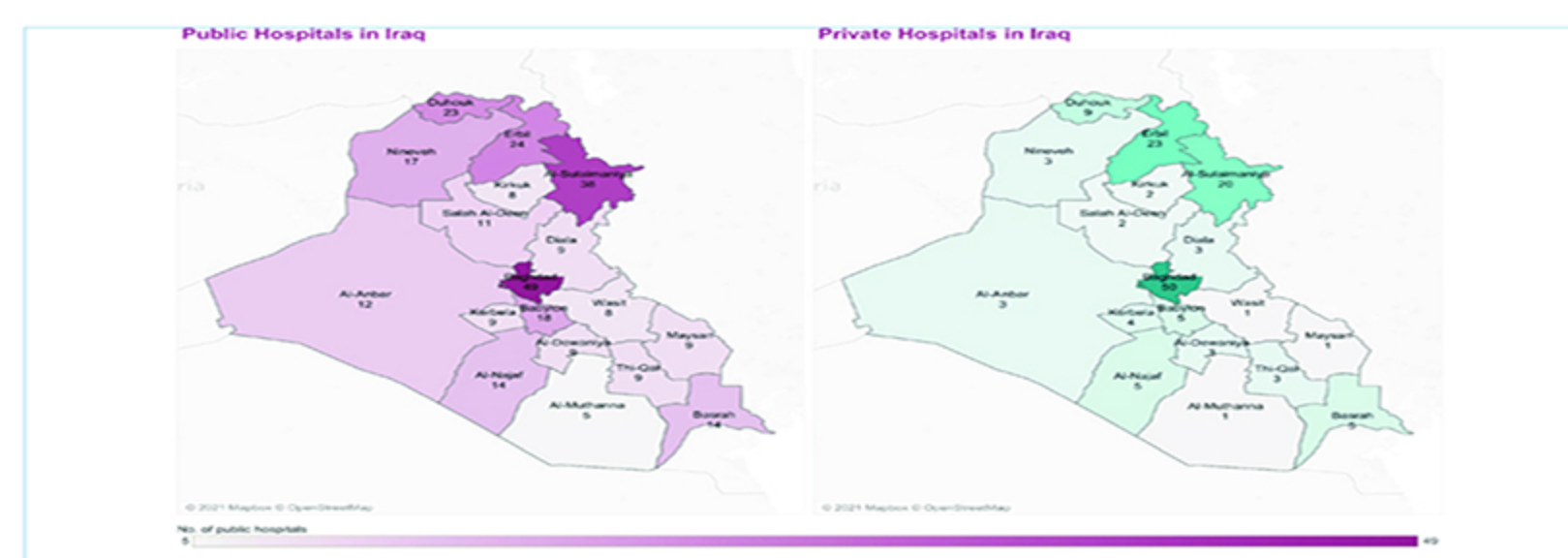


Introduction

The Iraqi healthcare system is primarily central, with certain allocations of government funding going towards the sector per year. According to the WHO, there are 1,146 primary health centers headed by mid-level workers; and 1,185 health centers, headed by medical doctors. There are 229 hospitals, including 61 teaching hospitals



The number of distribution of public and private hospitals in Iraq



The number and distribution of the public and private hospitals in Iraq in 2019

Study Objective

Aim of the study:

- To find out the attitudes of the Iraqi medical personnel towards the health system in Iraq
- To define the main problems medical personnel face in managing serious and difficult cases in private and general hospitals.
- To find out the possible solution to these problems

Study Area

Kerbala Maternity Hospital and private hospital in Kerbala (AL-kafeel private hospital ,Zain Al-abedeen private hospital, Imam Al hujja hospital ,Khadejah private hospital)



Al-Kafeel
(Private Hospital)



Imam al hujjah
(Private hospital)



Karabalaa maternity hospital
(Public Hospital)

Methadology

A cross-sectional descriptive study was conducted from 15 June to 1 September 2023, involving 81 medical staff from Karbala Maternity Hospital and four private hospitals. Senior doctors, junior doctors, and nurses answered a 12-question survey on Iraq's health system.

Results

NURSES

Table 1 Shows the Frequency of specialization among a sample of nurses

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid Bachelor's degree	16	50.0	50.0	50.0
Secondary level	7	21.9	21.9	71.9
Diploma	7	21.9	21.9	93.8
retired specialist	1	3.1	3.1	96.9
Trained	1	3.1	3.1	100.0
Total	32	100.0	100.0	

Table 2 Place of work among a sample of nurses

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid public hospital	1	3.1	3.1	3.1
public+private hospital	21	65.6	65.6	68.8
private hospital	10	31.3	31.3	100.0
Total	32	100.0	100.0	

Table 3 Q1/ If you have a difficult case where would you prefer the operation to be done?

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid private hospital	27	84.4	84.4	84.4
public hospital	5	15.6	15.6	100.0
Total	32	100.0	100.0	

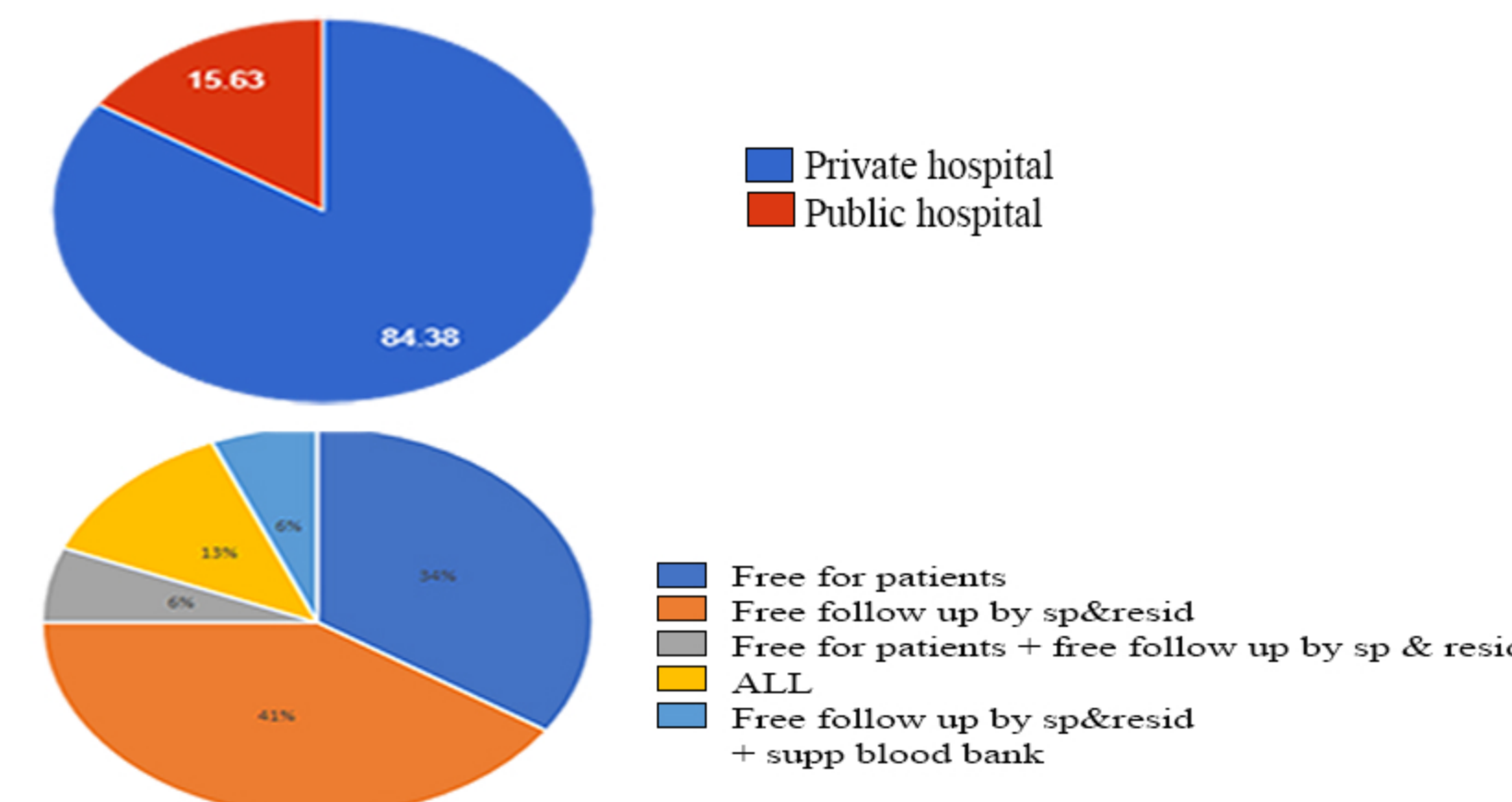


Table 4 What do you prefer in the public hospital?

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid free for patients	11	34.4	34.4	34.4
free follow up by sp.&resid	13	40.6	40.6	75.0
free for patients + free follow up by sp.&resid	2	6.3	6.3	81.3
ALL	4	12.5	12.5	93.8
free follow up by sp.&resid + supp blood bank	2	6.3	6.3	100.0
Total	32	100.0	100.0	

Table 5 What do you prefer in the private hospital?

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid cleanliness & hotel services	11	34.4	34.4	34.4
hospital management sys.	4	12.5	12.5	46.9
cleanliness & hotel services + hospital management sys.	2	6.3	6.3	53.2
cleanliness & hotel services + capabilities not avail. in public hospital	1	3.1	3.1	56.3
ALL	1	3.1	3.1	59.4
free follow up by sp.&resid + supp blood bank	1	3.1	3.1	62.5
free follow up by sp.&resid + supp blood bank + better trained staff	1	3.1	3.1	65.6
ALL	1	3.1	3.1	68.8
free follow up by sp.&resid + supp blood bank + better trained staff	1	3.1	3.1	71.9
free follow up by sp.&resid + supp blood bank + better trained staff + capabilities not avail. in public hospital	1	3.1	3.1	75.0
ALL	1	3.1	3.1	78.1
free follow up by sp.&resid + supp blood bank + better trained staff + capabilities not avail. in public hospital + better trained staff	1	3.1	3.1	81.3
ALL	1	3.1	3.1	84.4
free follow up by sp.&resid + supp blood bank + better trained staff + capabilities not avail. in public hospital + better trained staff + capabilities not avail. in public hospital	1	3.1	3.1	87.5
ALL	1	3.1	3.1	90.6
free follow up by sp.&resid + supp blood bank + better trained staff + capabilities not avail. in public hospital + better trained staff + capabilities not avail. in public hospital + better trained staff	1	3.1	3.1	93.8
ALL	1	3.1	3.1	96.9
free follow up by sp.&resid + supp blood bank + better trained staff + capabilities not avail. in public hospital + better trained staff + capabilities not avail. in public hospital + better trained staff + capabilities not avail. in public hospital	1	3.1	3.1	100.0
ALL	1	3.1	3.1	100.0
Total	32	100.0	100.0	

Specialization:
25 joiner doctors
(36%) where resident / board
(36%) resident
(28%) house officer

What will you prefer in the general hospital?
(36%)Have chosen the option of free service for the patient
(28%) free for the patient + supportive blood bank
(16%) have chosen all 3 options including free follow up by the senior and resident doctors

JUNIORS

Place of work:
(56%) Work in public hospitals
(28%) Work in public + Private hospitals
(16%) Work in private hospitals

What do you prefer in private hospital?



SENIORS

Specialization:
27 seniors
88% board qualified.
12% high diploma .

Place of work:
(46%) Work in public hospitals
(42%) Work in public + Private hospitals
(11.5%) Work in private hospitals

What do you prefer in the private hospital?

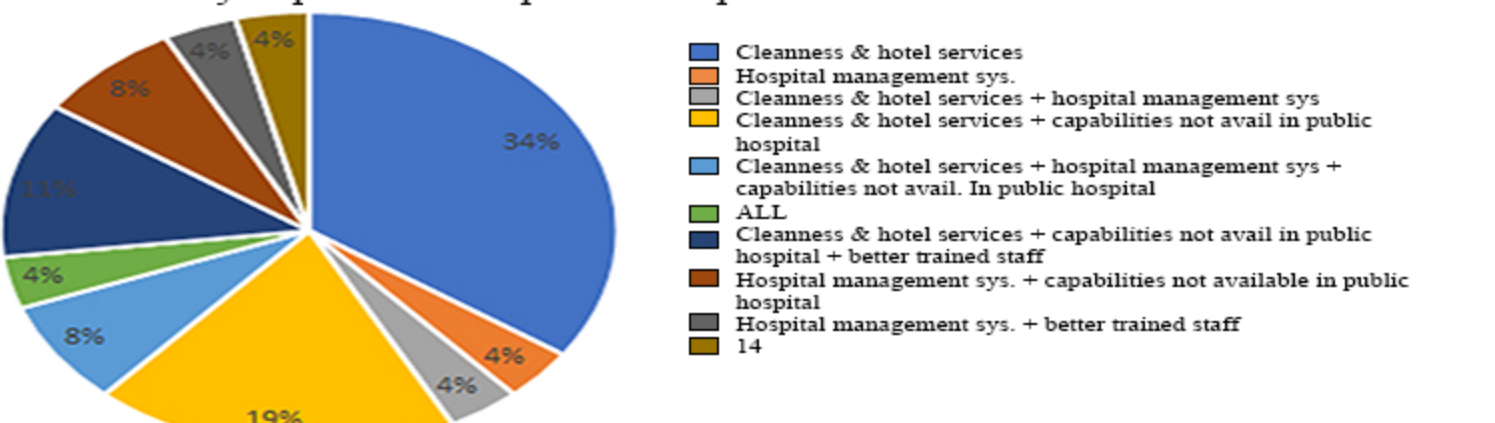
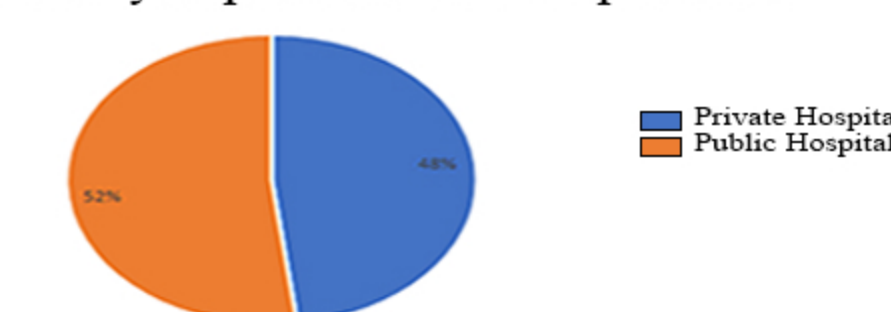


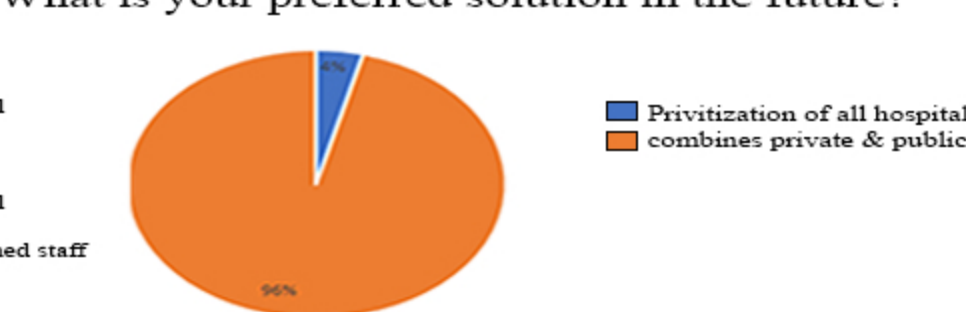
Table 6 What is the best model for the future?

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid privatization of all hospitals	1	3.1	3.1	3.1
combined private&public	24	75.0	77.4	80.6
all hospitals should be public	6	18.8	19.4	100.0
Total	31	96.9	100.0	
Missing System	1	3.1		
Total	32	100.0		

If you have a difficult case where would you prefer to do the operation?



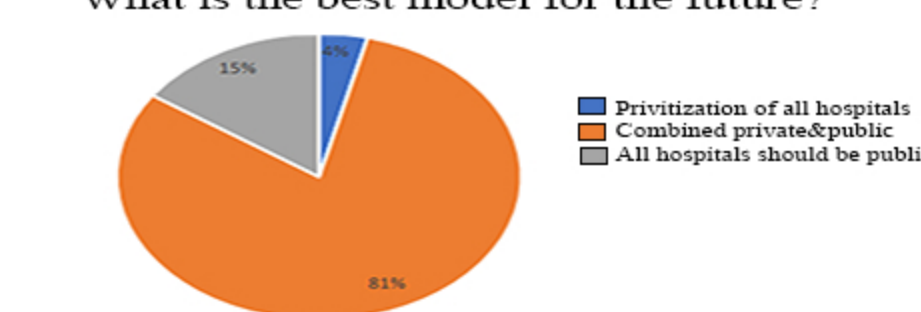
What is your preferred solution in the future?



If you have a difficult case where will you prefer to do the operation?



What is the best model for the future?



Discussion

-Majority of nurses have chosen private hospitals for the difficult and complicated cases to do the required surgery (84.3%) , they prefer private hospital because it is clean and have good hotel services (26.6%), another (16.6%)add to cleanliness that private hospital have a better trained staff.

-(16.6%) again add to the cleanliness and hospitalization , facilities not available in the general hospital

-The public hospital nurses prefer it mostly(40.6%) due to the fact that follow up by the senior and resident doctors occur without added charges.

-34.3% prefer it because it is free for the patients.

-Junior doctors are different from nurses in their choice of the hospital for difficult and complicated cases, they opt out to public hospital to do the surgery (52%).

-That because they think public hospital benefit patients more as it is free for the patient and you can keep the patient in as long as the case need till full recovery -And add to that the presence of supportive blood bank.

-While they have chosen the private hospital mainly for it cleanliness ,the hospital management system and facilities not present in the public hospital.

-(69.2%) choose the general hospital for difficult and complicated cases to do the operations

-(34%) prefer all the given options while (19.2%) they prefer it because it is free for the patient and (15.3%) add supportive blood bank .

- They like the cleanliness and hotel service in the private hospitals and the facilities not available in the public hospital.

All 3 groups do agree that the future model should be ; both the private and public hospitals should be present .

77.4%, 96% ,80.7% for nurses joiner ,senior doctors respectively .

Conclusion

-Both private and public hospitals are required in the future . In order to make public hospitals a valid lasting option for the futurethey need the following ; be clean , modernized , well maintained and well equipped.
-Private hospitals should be made more affordable to the public by the use of the government program of health insurance system.