

“ROLE, PROBLEMS AND PROSPECTS OF 100 BEDDED HOSPITALS IN SOLAPUR DISTRICT”

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ABSTRACT:

Healthcare system plays an important and crucial role in providing the various healthcare services to people living in different geographical area. It also helps to improve, restore and refuel the energy in the body which helps to maintain and increase the productivity and efficiency of the people. In this investigation, researchers have mainly paid their focus on the role and problems of 100-bedded hospitals in Solapur district. This research investigation has also tried to explore the various factors that determine the use of 100-bedded hospitals in the selected investigation area. Researchers have used exploratory and descriptive research methods. This research investigation was purely based on primary data which was collected through self-structured questionnaires, personal interviews and observations. This research investigation found various problems in 100-bedded hospitals such as congested improper treatment and diagnosis of diseases, space in patient rooms, inadequate size of waiting rooms, absence of well-equipped ambulances and absence of proper communication between medical staff and patients in selected 100-bedded hospitals in the selected investigation area during the study period. Researchers have concluded that 100-bedded hospitals play a significant role in providing various healthcare services and facilities under one roof at a reasonable price in the selected investigation area.

INTRODUCTION:

Healthcare system plays a significant role in disseminating various advanced and life-enhancing treatments for patients. It provides a number of benefits to people. But, there is a need for substantial reform in the existing healthcare system that would include a better transportation system, quality of healthcare services, easy access, reduce the cost of healthcare treatment and providing various healthcare facilities under one roof. 100-bedded hospitals provide various healthcare services such as internal medicine, Neuropsychiatry, Gastroenterology, Paediatrics, Obstetrics, Traumatology, Orthopaedics, Gynaecology, General surgery, ICU and critical care units. It also provides various facilities and supplementary services under one roof such as Occupational Therapy, Lab Test (Blood, Urine), CT scan, Ultra Sonic Scan,

Angiogram, Dialysis, and Operation theatre, Magnetic Resonance Imaging, Tread Mill, Doppler Study and Dialysis. Adoption of 100 bedded hospital is based on the various factors and determinants such as access of hospital, cost of treatment, availability of advanced medical treatment, lower and reasonable charges, reputation of hospitals, decent environment, acquaintances designed hospitals, availability of medical staff, qualification of doctors, previous experience of hospitals, good services attitude and positive stories of hospitals. Information regarding to 100 bedded hospitals receives through the friends, relatives, social media, advertisement, family doctors, newspaper and ex-patients. Satisfaction of the patients is also one of the very important factor which determine the use of 100 bedded hospitals. It is based on the number of factors such as location hospitals, clean and neat premises, dining room, dressing room, wash space, adequate space, transportation facilities, seating arrangement, lift service, waiting room for relative and friends.

REVIEW OF LITERATURE:

Various challenges were found in public healthcare system such as social-economic problems, outdated information system, inequalities, emergence of private healthcare, political will, shortage of medical staff and medical facilities. Government servant and farmers were relied on public healthcare services than private healthcare services (Andal, V. (2016). Majority of people preferred to government healthcare services as compare to corporate healthcare services in selected investigation area. Researcher has found that patients treated at corporate hospital were highly satisfied than patient treated at government hospital in selected investigation area (Chittora, S. (2016). There were found association between use of medical healthcare services and age, location, marital status, gender, size of family and level of income. (Govindarajan, N. (2009). Rural healthcare sector faces various constraints such as lack of medical stores, lack of awareness, affordability, absence of insurance, high patient to doctor ratio, high ratio of nurses to doctor ratio, lack of infrastructure facilities and transportation facilities in Maharashtra state (Bholane, K.P., 2020). Public hospitals faces various challenges such as deficiencies in infrastructure, absence of sufficient skilled manpower, equivocal quality of services, unmanageable patient load and high out of pocket expenditure (Bajpai, V. (2014).

OBJECTIVES OF PRESENT RESEARCH INVESTIGATION:

The main objectives of the present research investigation are as follows...

- To find role of 100 bedded hospitals healthcare services in Solapur district.
- To explore various factors determining the use of 100 bedded hospitals in Solapur district.
- To find out the various problems in 100 bedded hospitals in Solapur district.
- To give the suggestions for the development healthcare services in Solapur district.

RESEARCH METHODOLOGY:

Present research study was based on exploratory and descriptive research method. This researcher study has mainly focused on the role and problems of 100 bedded hospitals in Solapur district. This research investigation was based on the primary data and secondary data. Primary data has been collected through the self-structured questionnaire, interview and observation method. Secondary data has been collected through the various reports, journals, thesis, books, articles, working paper and websites. Researchers have purposively selected 100 bedded hospitals irrespective of public hospitals, private hospitals, Community hospitals and charity trust hospitals from Solapur district. Researchers have selected twelve 100 bedded hospitals and 400 respondents were selected on the basis of availability of beds in each 100 or more than 100 bedded hospitals. In this research investigation, researchers have used descriptive statistical methods as well as growth rate analysis.

RESULTS AND DISCUSSION:

In this research investigation, researchers have mainly paid their focus on demographic profile, availability of healthcare services in 100 bedded hospitals, factor determine the use of 100 bedded hospitals, availability of healthcare facilities and problems in 100 bedded hospitals in Solapur district.

Table no 01 indicates demographic characteristics of selected respondents from selected 100 bedded hospitals from Solapur district. Researchers have selected 400 respondents of which 139 (34.8%) respondents were living in rural/ remote area, 220 (55%) in semi-urban area and 41 (10.3 %) respondents in Urban area in Solapur district at given period of time. in case of gender, gender-wise classification of selected respondents have been made by analyst of which 177 (44.3 percent) respondents were male, 221 (55.3 percent) respondents were female and 2 (0.5 percent) were transgender in selected investigation area at given time period.

DEMOGRAPHIC PROFILE OF SELECTED RESPONDENTS (2021).

TABLE NO: 01 DEMOGRAPHIC PROFILE OF SELECTED RESPONDENTS			
A. LOCATION-WISE CLASSIFICATION			
Sr. No	Location	Frequency	Percent
a)	Rural/ Remote Area	139	34.8
b)	Semi-Urban Area	220	55.0
c)	Urban Area	41	10.3
	Total	400	100.0

B. GENDER- WISE CLASSIFICATION			
Sr. No	Gender	Frequency	Percentage
a)	Male	177	44.3
b)	Female	221	55.3
c)	Transgender	2	0.5
	Total	400	100.0
C. MARITAL-STATUS-WISE CLASSIFICATION			
Sr. No	Marital Status	Frequency	Percentage
a)	Married	125	31.3
b)	Unmarried	266	66.5
c)	Widow/ Divorced	9	2.3
d)	Total	400	100.0
D. AGE-WISE CLASSIFICATION			
a)	Below 20	120	30.0
b)	20-40	193	48.3
c)	40-60	62	15.5
d)	More than 60	25	6.3
e)	Total	400	100.0
Source: <i>Field Survey, 2021.</i>			

In case of marital status, researchers have made classification of selected respondents on the basis of their marital status of which 125 (31.3 percent) respondents were married, 266 (66.5 percent) were unmarried and 2.3 percent were widow/ divorced in selected investigation area at given time period. In case of age, age-wise classification has been made by researchers of which 120 (30 percent) respondents were below the 20 years old, 193 (48.3 percent) were in between of 20 to 40 years old, 62 (15.5 percent) respondents were in between of 40-60 years old and 6.3 percent were more than 60 years old in selected investigation area at given time period. Researchers have observed that location, age, marital-status and gender is affecting upon the use of 100 bedded hospitals in selected investigation area.

RESPONDENTS OPINION ABOUT THE MULTI-SPECIALTY HOSPITALS:

Researchers have taken opinion about the need of multi-specialty hospitals and their role in selected investigation area. Researchers have collected respondents' response on the basis of Likert scale on essentiality of multi-specialty hospitals in selected investigation area.

Table No: 02			
Did you think multi-specialty hospitals are essential?			
Sr. No	Statement	Response	Percentage
a)	Strongly agreed	317	79.3
b)	Agreed	43	10.8
c)	Neutral	0	0
d)	Disagreed	23	5.8

e)	Strongly disagreed	17	4.3
	Total	400	100
Source: <i>Field Survey, 2021.</i>			

Table no 02 indicates respondents' opinion about the essentiality of multi-specialty hospitals in selected investigation area. Researchers have selected 400 respondents of which 317 (79.3 percent) respondents were strongly agreed with essentiality of multi-specialty hospitals and followed 43 (10.8 percent) respondents were agreed, 23 (5.8 percent) were disagreed and 17 (4.3 percent) were strongly disagreed with essentiality of multi-specialty hospitals in Solapur district. Researchers have concluded that there is need of multi-specialty hospitals in Solapur district in order to provide various healthcare services and facilities under the one roof in Solapur district.

RESPONDENTS' RESPONSE ON AFFORDABILITY OF MULTI-SPECIALTY HOSPITALS IN SOLAPUR DISTRICT.

Researchers have collected respondents' responses on the affordability of multi-specialty hospitals in Solapur district.

Table no: 03			
Do you think Multi-specialty hospitals are affordable?			
Sr. No	Statement	Response	Percentage
f)	Strongly agreed	297	74.3
g)	Agreed	9	2.3
h)	Neutral	0	0
i)	Disagreed	63	15.8
j)	Strongly disagreed	31	7.8
	Total	400	100
Source: <i>Field Survey, 2021.</i>			

Table no 03 shows respondents' responses on the affordability of multi-specialty hospitals in Solapur district. Researchers have selected 400 respondents of which 297 (74.3 percent) respondents were strongly agreed with affordability of multi-specialty hospitals, 9 (2.3 percent) were strongly agreed, 63 (15.8 percent) were disagreed and 31 (7.8 percent) were strongly disagreed in selected investigation area. Researchers have concluded that majority of selected respondents were agreed with multi-specialty hospitals were affordable in Solapur district.

AVAILABILITY OF HEALTHCARE SERVICES IN SELECTED 100 BEDDED HOSPITAL (2021).

In this research investigation, researchers have focused on the availability healthcare services in selected 100 bedded hospitals in selected investigation area. Researchers have observed that there were having various healthcare services in selected 100 bedded hospital in

Solapur district such as Obstetrics,Gynaecology/Paediatrics,General survey, Orthopaedics,Internal medicine and ICU and critical care unit.

TABLE NO: 04			
AVAILABILITY OF HEALTHCARE SERVICES IN SELECTED 100 BEDDED HOSPITAL (2021)			
Sr. No	Response	Frequency	Percentage
a)	Obstetrics	382	95.5
b)	Gynaecology/Paediatrics	386	96.5
c)	General surgery	392	98.0
d)	Orthopaedics	372	93.0
e)	Internal medicine	396	99.0
f)	ICU and critical care unit	400	100.0
g)	Multiple Choice: 400		
Source: Field Survey, 2021.			

Table no 04 indicates availability of healthcare services in selected 100 bedded hospitals in Solapur district. Researchers have collected respondents' response in multiple choice form. Researchers have observed that maximum percentage of selected respondents 400 (100 percent) were found having ICU and critical care unit and followed by 396 (99 percent) respondents were found availability of internal medicine, 392 (98.2 percent) respondents were found general surgery, 386 (96.5 percent) were found Gynaecology/Paediatrics, 382 (95.5 percent) were found Obstetrics and 372 (93 percent) were found Orthopaedics healthcare treatment in Solapur district. Researchers have concluded that various healthcare services are available in 100 bedded hospitals in Solapur district such as Obstetrics, Gynaecology/Paediatrics, General survey, Orthopaedics, Internal medicine and ICU and critical care unit.

FACTORS DETERMINE THE USE OF HEALTHCARE FACILITIES OF 100 BEDDED HOSPITALS IN SOLAPUR DISTRICT (2021)

In this research investigation, researchers has mainly paid their attention on the various factors determining the use of various healthcare services available in 100 bedded hospitals in Solapur district. Researchers have observed that various factors are determining of use of various healthcare services available in 100 bedded hospitals such as easy access, good reputation and image, high level of medical treatment, decent environment, advanced medical equipment, lower and reasonable charges, doctors qualifications and referral from other hospitals.

TABLE NO: 05			
FACTORS DETERMINE THE USE OF 100 BEDDED HOSPITALS			
Sr. No	Statement	Frequency	Percentage
a)	Easy Access	382	95.5
b)	High level of medical treatment	343	85.8
c)	Lower and reasonable charges	312	78
d)	Advanced medical equipment	322	80.5
e)	Referral from other hospitals	301	75.3
f)	Doctors qualifications	305	76.3
g)	Good reputation and image	307	76.8
Multiple Choice= 400			
Source: <i>Field Survey, 2021.</i>			

Table no 05 depicts various factors determining the use of various healthcare services available in 100 bedded hospitals in Solapur district. Researchers have observed that majority of selected respondents 382 (95.5percent) were preferred to 100 bedded hospitals due to easy access and followed by high level of medical treatment (85.8 percent), advanced medical equipment (80.5 percent), lower and reasonable charges (78 percent), good reputation and image (76.8 percent), qualification of doctors (76.3 percent) and referral from other hospitals (75.3 percent) in selected investigation area.in short, researchers have concluded that various factors are determining the use of 100 bedded hospitals such as decent environment, easy access, good reputation and image, advanced medical equipment, lower and reasonable charges, high level of medical treatment, doctors qualifications and referral from other hospitals.

AVAILABLE HEALTHCARE FACILITIES IN 100 BEDDED HOSPITALS (2021)

Researchers have focused on the availabilities of various facilities in 100 bedded hospitals in Solapur district. Various facilities are provided by 100 bedded hospitals such as CT scan, ultra sonic scan, operation theatre, magnetic resonance imaging, x-ray, dialysis and occupational therapy and lab test in selected investigation area. Researchers have also observed that customers' satisfactions were also based on the availability of various healthcare facilities under the one roof in 100 bedded hospitals.

TABLE NO: 06			
AVAILABLE HEALTHCARE FACILITIES IN 100 BEDDED HOSPITALS (2021)			
Sr. No	Response	Frequency	Percentage
a)	Ct Scan /Ultra Sonic Scan	389	97.3
b)	Operation theatre	400	100.0
d)	Magnetic Resonance Imaging	372	93.0
e)	X-Ray	392	98.0
h)	Dialysis	400	100.0
j)	Occupational Therapy	400	100.0
k)	Lab Test (Blood, Urine)	387	96.8
Source: <i>Field Survey, 2021.</i>			

Table no 06 shows availability of various healthcare facilities in 100 bedded hospitals in selected investigation area. Researchers have observed majority of selected respondents (100%) were found availability of operation theatre, dialysis and occupational therapy in selected 100 bedded hospitals and followed by 98 percent were found facility of X-ray, 97.3 percent were found CT-scan/ ultra-sonic scan facilities, 96.8 percent were found laboratory facilities and 93 percent were found magnetic resonance imaging in selected 100 bedded hospitals in selected investigation area. in short, researchers have found that majority of respondents were found various healthcare facilities available at 100 bedded hospitals such as CT scan, ultra sonic scan, operation theatre, magnetic resonance imaging, x-ray, dialysis and occupational therapy and lab test in selected investigation area.

PROBLEMS IN 100 BEDDED HOSPITALS IN SOLAPUR DISTRICT:

In this research study, researchers have focused on the various problems in adoption of healthcare services in 100 bedded hospitals in Solapur district. Researchers have observed there were having various problems in adoption of 100 bedded healthcare services such as inadequate size of waiting room, no laboratory facility, absence of well-equipped ambulance, absence of specialised doctors, absence of proper communication in medical staff and patients, lack of modern technology and equipment, lack of infrastructure facilities, congested space in patient room and high cost of treatment in selected investigation area.

TABLE NO: 07			
PROBLEMS IN 100 BEDDED HOSPITALS			
Sr. No	Response	Frequency	Percentage
a)	Inadequate size of waiting room	95	23.8
b)	Absence of well-equipped ambulance	47	11.8
d)	Absence of proper communication in medical staff and patients	19	4.8
g)	Lack of infrastructure facilities	3	0.8
h)	Absence of specialised doctors	6	1.5
i)	No laboratory facility	9	2.3
j)	Congested space in patient room	142	35.5
l)	Improper treatment and diagnosing of diseases	25	6.3
n)	High cost of treatment	10	2.5
o)	Lack of modern technology and equipment	8	2.0
	Multiple options=400		
Source: <i>Field Survey, 2021.</i>			

Table no 07 shows problems in adoption of 100 bedded hospitals in selected investigation area. Researchers have found that majority of selected respondents were found congested space in patient room (35.5 percent), inadequate size of waiting room (23.8 percent), absence of well-equipped ambulance (11.8 percent), improper treatment and diagnosing of diseases (6.3 percent) and Absence of proper communication in medical staff and patients (4.8 percent) in selected investigation area at given time period. In short, researchers have found that majority of selected respondents were found congested space in patient room, inadequate size of waiting room, absence of well-equipped ambulance, improper treatment and diagnosing of diseases and Absence of proper communication in medical staff and patients in selected 100 bedded hospitals in selected investigation area during the study period.

FINDINGS, SUGGESTIONS AND CONCLUSION:

Researchers have found that 100 bedded hospitals were playing very important and significant role in providing various kinds of healthcare services to people living in different geographical segmentation under the one roof and it was affordable in selected investigation

area at given time period. 100 bedded hospitals were providing various healthcare services to people living in Solapur district such as Obstetrics, Gynaecology/Paediatrics, General survey, Orthopaedics, Internal medicine and ICU and critical care unit. Researchers have observed that decent environment, easy access, good reputation and image, advanced medical equipment, lower and reasonable charges, high level of medical treatment, doctors qualifications and referral from other hospitals were determining use of 100 bedded hospitals in Solapur district. 100 bedded hospitals were providing various healthcare services in selected investigation area such as CT scan, ultra sonic scan, operation theatre, magnetic resonance imaging, x-ray, dialysis and occupational therapy and lab test in selected investigation area. This research investigation were found various problems in 100 bedded hospitals such as congested improper treatment and diagnosing of diseases, space in patient room, inadequate size of waiting room, absence of well-equipped ambulance and absence of proper communication in medical staff and patients in selected 100 bedded hospitals in selected investigation area during the study period. On this basis of this investigation, researchers have suggested that there is need to use advanced technology, use simple registration process, increased number of specialized doctors, increased number of rooms, all the health care facilities provide under the one roof, improve the infrastructure facilities, hospital should be clean or neat, communication of doctors, nurses and other medical staff should be good, take reasonable charges and use well-equipped ambulance with doctor and nurse in selected 100 bedded hospitals in selected research area. Researchers have concluded that 100 bedded hospitals play significant role in providing various healthcare services and facilities under the one roof at reasonable price in selected investigation area.

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