

A STUDY TO ASSESS THE AWARENESS AND PERCEPTION OF HEALTHCARE SERVICE PROVIDERS TOWARDS USE OF TELEMEDICINE



Under Guidance of
Dr. Saurabh Kumar
Associate Professor
IIHMR University

BY- Chandresh Upadhyay
MBA PM 08

Roll No 0066

Organization Name – IVC Advisory

INTRODUCTION

Telemedicine Definition:-

Telemedicine is used as an umbrella term that refers to the remote delivery of health-care information using electronic telecommunication and information technology.

In other words, there is a transfer of medical and health information between distant sites/participants using telecommunication and information technology as a substitute for personal contact.

CONTINUE..

Telemedicine technology can be utilized for a wide range of health-care needs. These fall into three major categories including:-

- Tele-consultation where the local doctor consults the specialist on difficult cases and obtains the line of management;
- Telehealth Consultation refers to online consultation in which Patient will get online consultation from doctors through telemedicine kit which include various types of health check-up equipment's operated by trained paramedical Staff.
- Tele-education for the purpose of training doctors and paramedics from a higher level specialty hospital.
- Telemedicine in the public sector has the potential for ameliorating these seemingly intractable and serious problems in our health-care delivery system such as the uneven geographic distribution of health-care resources and the ever escalating cost of care

HEALTHCARE PROVIDERS

- Under federal regulations, a "health care provider" is defined as: a doctor of medicine or dentist, chiropractor, clinical psychologist, optometrist, nurse practitioner or a clinical social worker who is authorized to practice by the State and performing within the scope of their practice as defined by State law, or a Science

WHAT IS PERCEPTION ?

- Perception and Awareness is define as that encompasses a customer's impression, awareness and consciousness about something related to subject and its offerings, A customers perception is typically affected by reviews, Public relations, Social media, personal experiences and other channels.

OBJECTIVE-:

- **Research Objective**
- The objective is to study Healthcare Providers Perception towards use of Telemedicine.

METHODOLOGY:-

- **STUDY DESIGN** – Descriptive Cross-Sectional Study
- **STUDY AREA** - Ahmedabad, Delhi
- **DURATION OF STUDY** – 3 months
- **SAMPLE SIZE** – 260 Doctors (200 Reponses Collected and 60 doctors didn't responded to the questionnaire)
- **SAMPLING TECHNIQUE** – The sampling technique used in the study is Purposive Sampling.
- **DATA COLLECTION** – Primary Data Collected by conducting survey using structured questionnaire.

FINDINGS-

Question 1. Do you think telemedicine Reducing cost of care delivery?

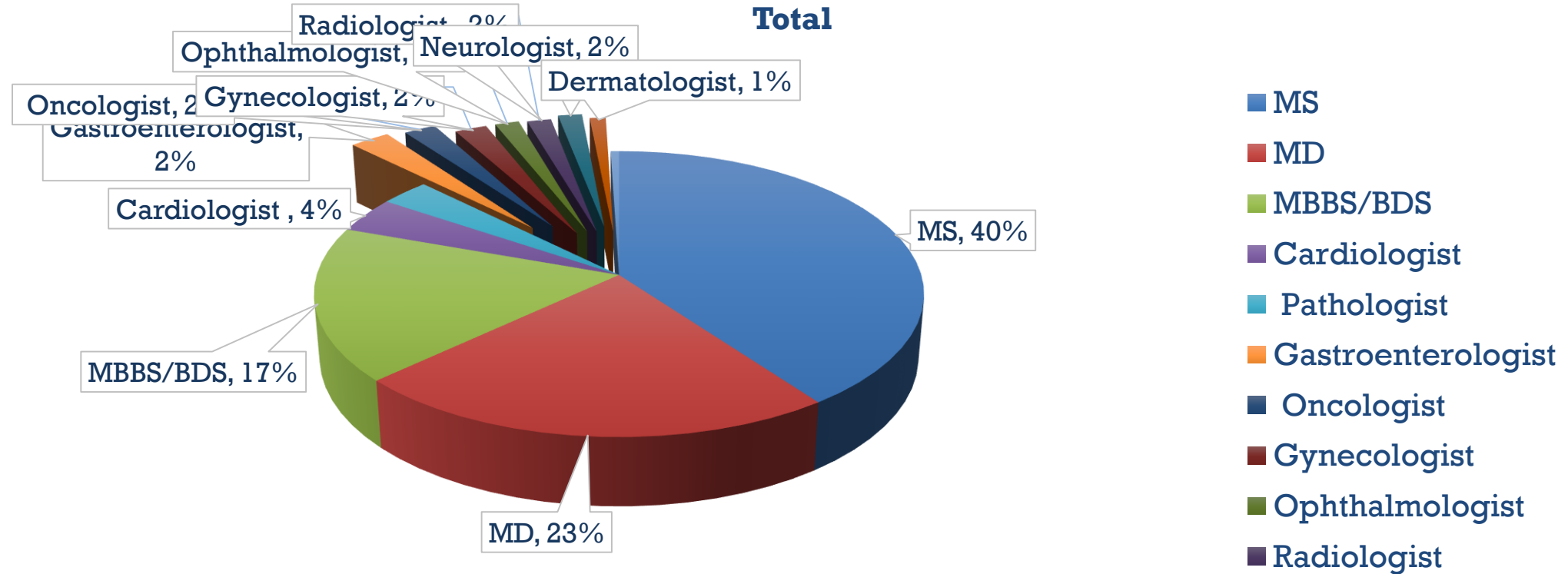


Fig 1: Pie Chart representation of telemedicine Reducing cost of care delivery

Question 2: Do you think Telemedicine enhance quality of care?

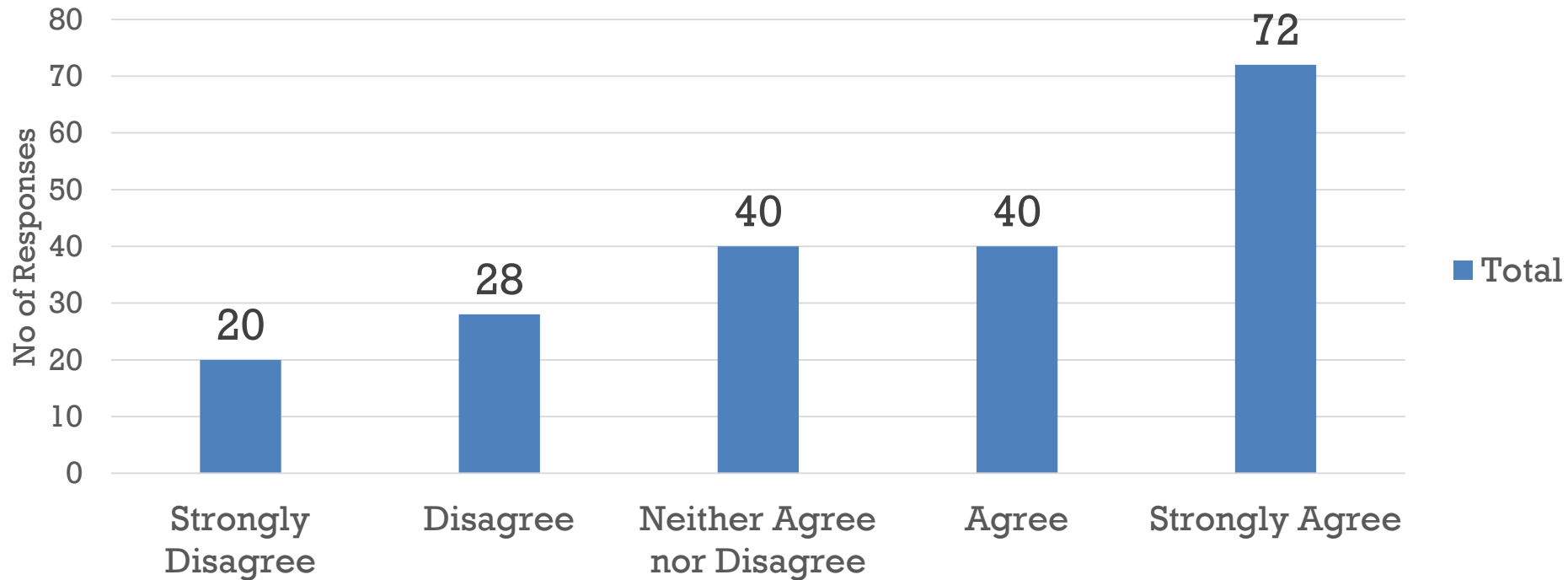


Figure 2: No of responses of Healthcare Providers with reference to question 2 in Bar Graph.

Question 3: Do you think that telemedicine system will replace the Conventional system of patient consultation service?

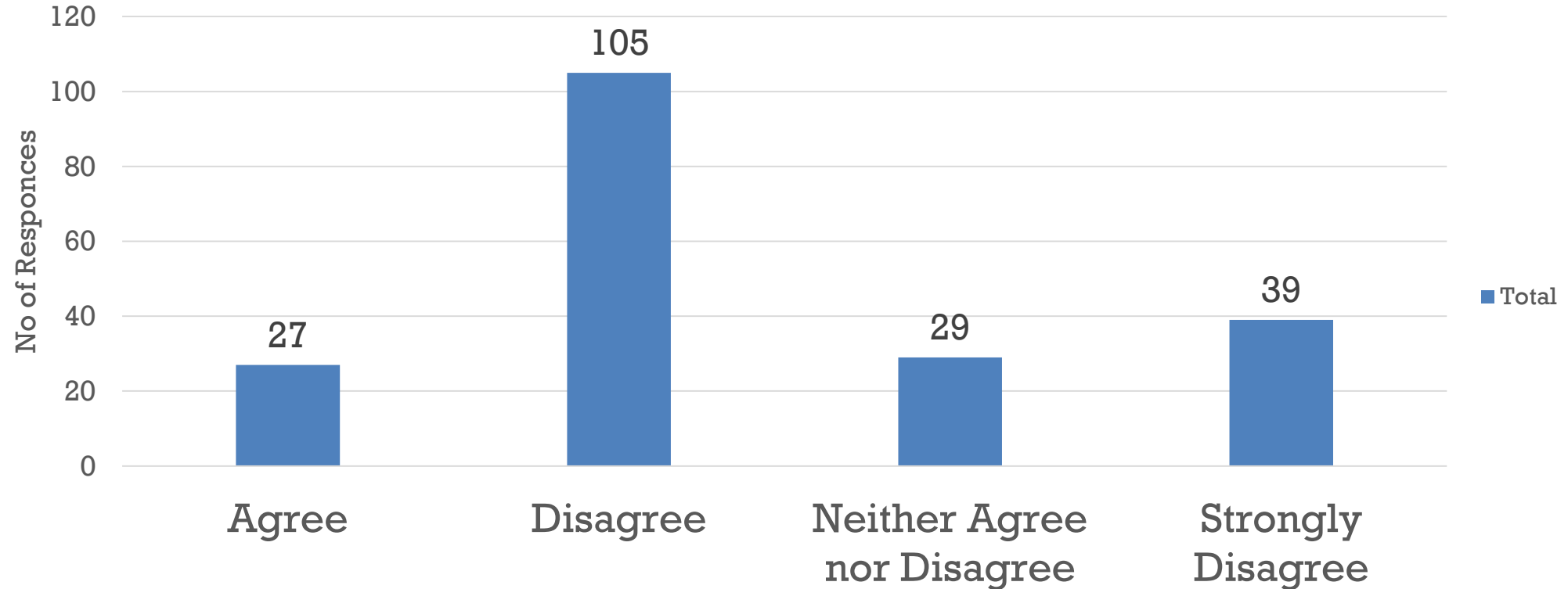


Figure 3: No of responses of Healthcare Providers with reference to question 3 in Bar Graph.

Question 4: Do you think Telemedicine improves effectiveness of Therapeutic intervention?

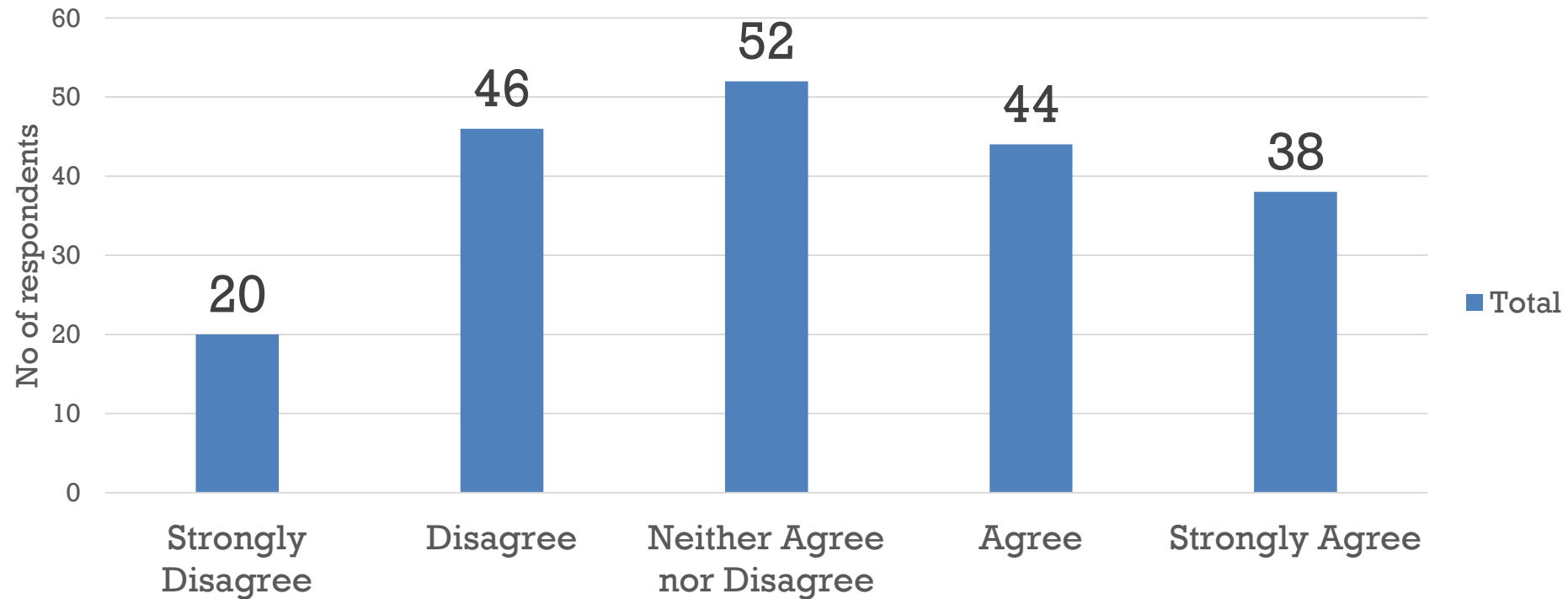


Figure 4: No of responses of healthcare providers for Telemedicine improves effectiveness of Therapeutic intervention.

Question 5: Do You Think Telemedicine improves patients access to healthcare services effectively and efficiently?

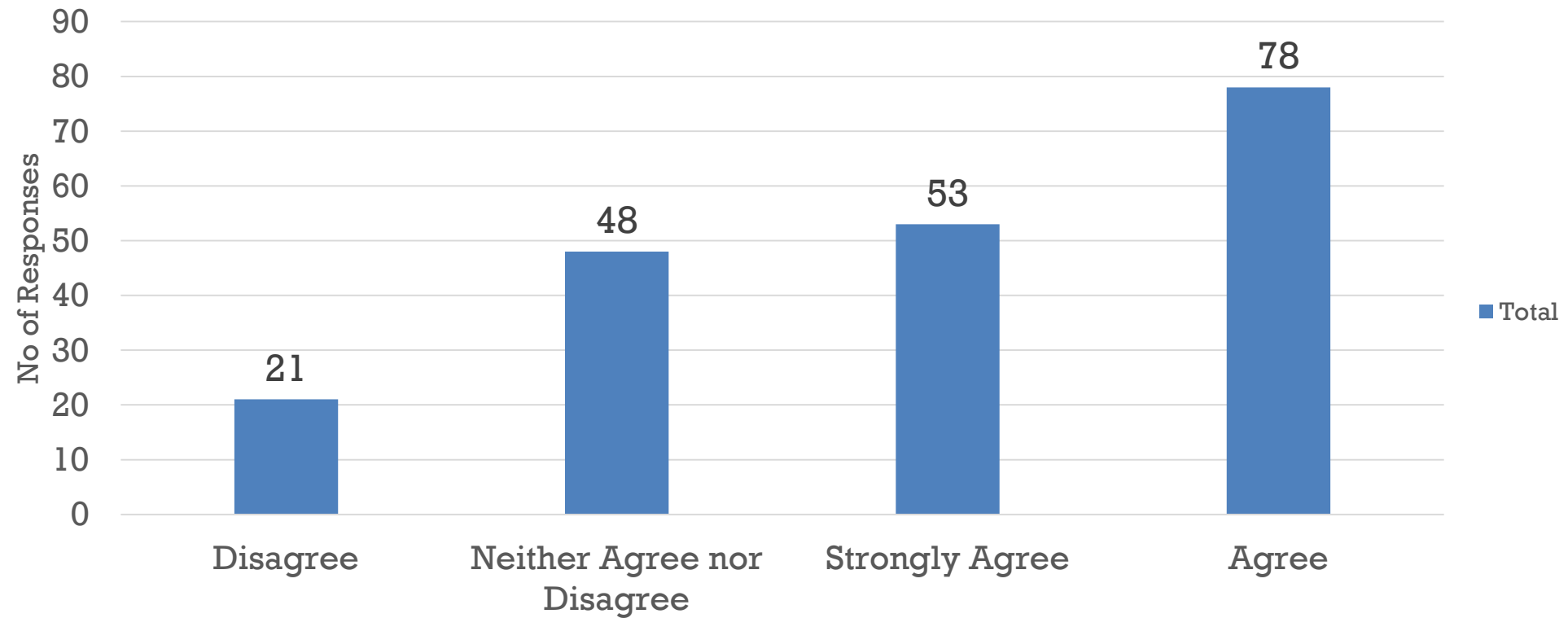


Figure 5: No of responses of healthcare providers for Telemedicine improves patients access to healthcare services effectively and efficiently.

Questions 6: The Telemedicine Consultation saved time for doctors as well as to the patients?

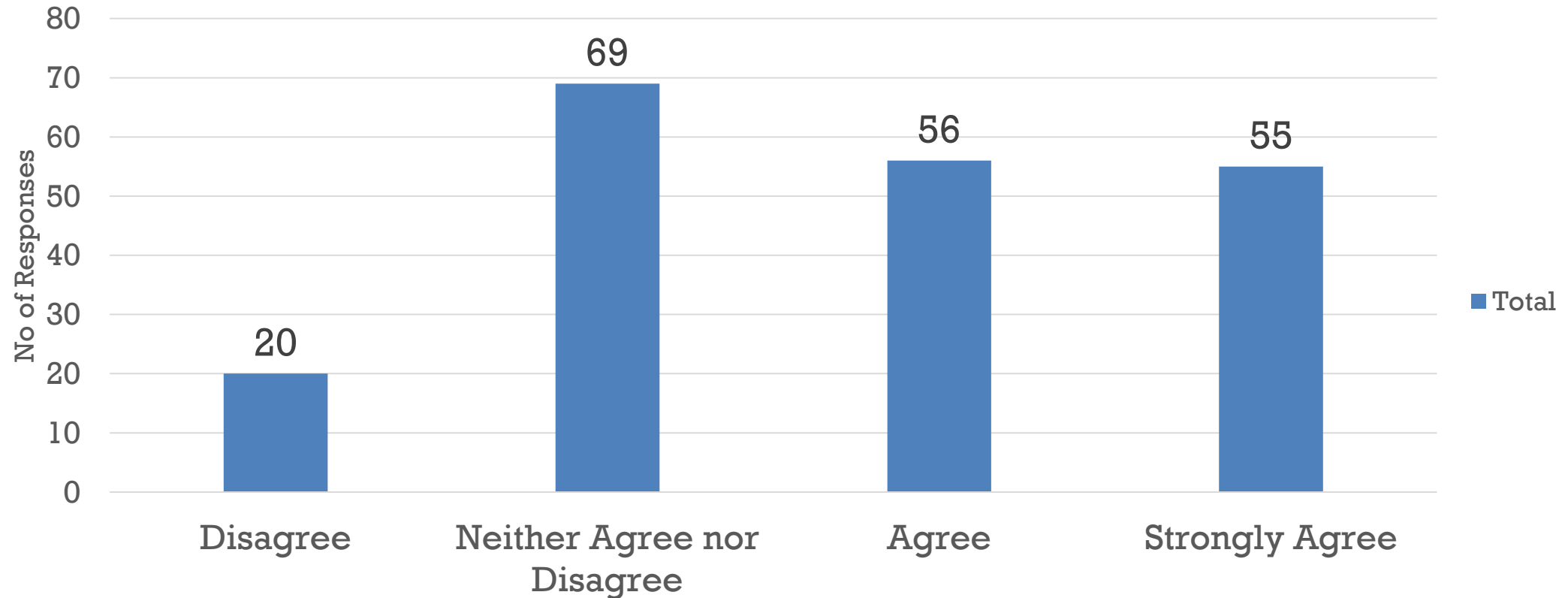


Figure 6: No of responses of healthcare providers for Telemedicine Consultation saved time for doctors as well as to patients.

Questions 7: Do you think telemedicine Improves patient compliance?

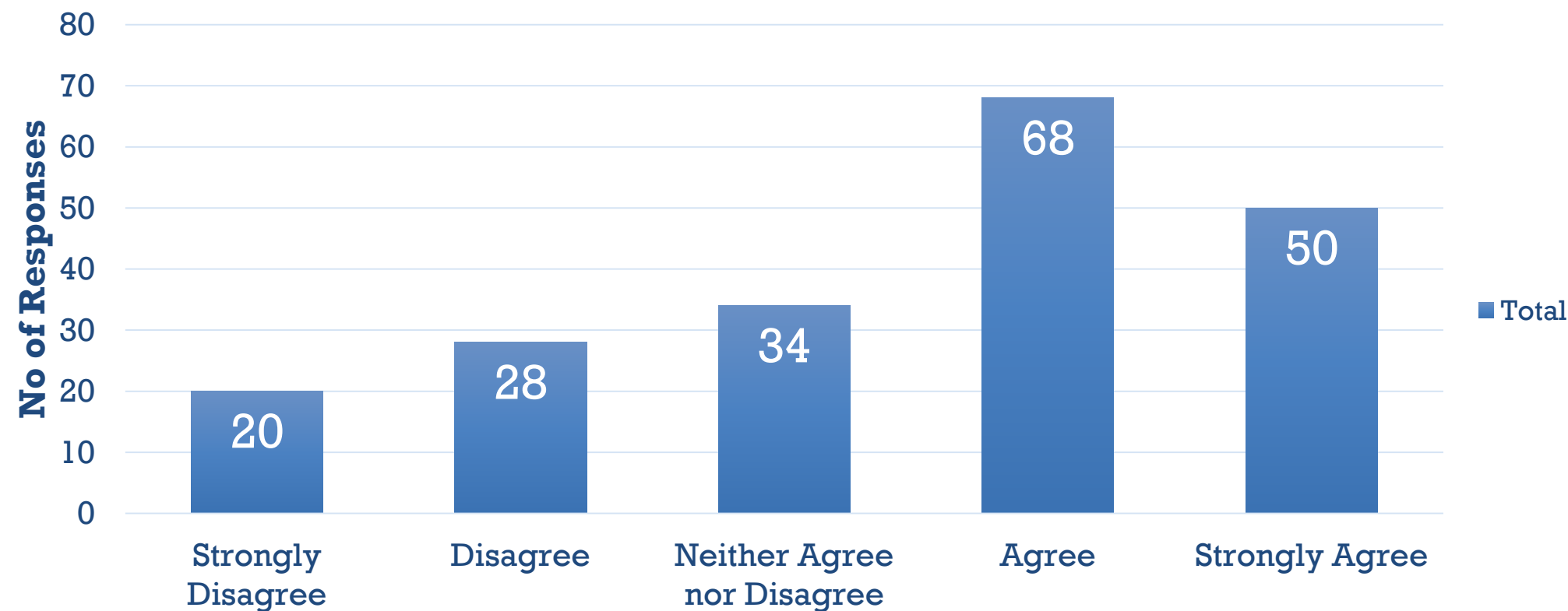


Figure 7: No of responses of healthcare providers for telemedicine Improves patient compliance.



Questions 8: Do you think telemedicine increasing patient engagement and satisfaction?

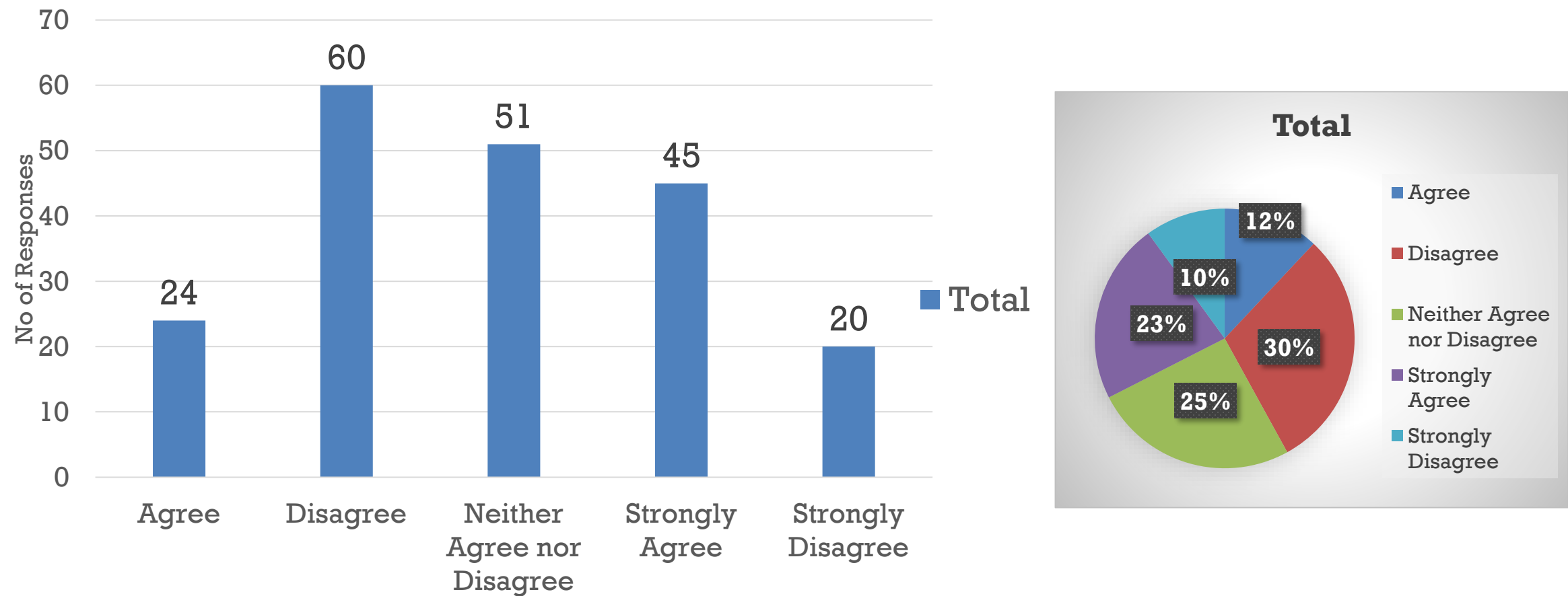


Figure 8: No. of responses of healthcare providers for telemedicine increasing patient engagement and satisfaction

Questions 9: Do you think Telemedicine providing access to new specialties and new technological healthcare services to the patient?

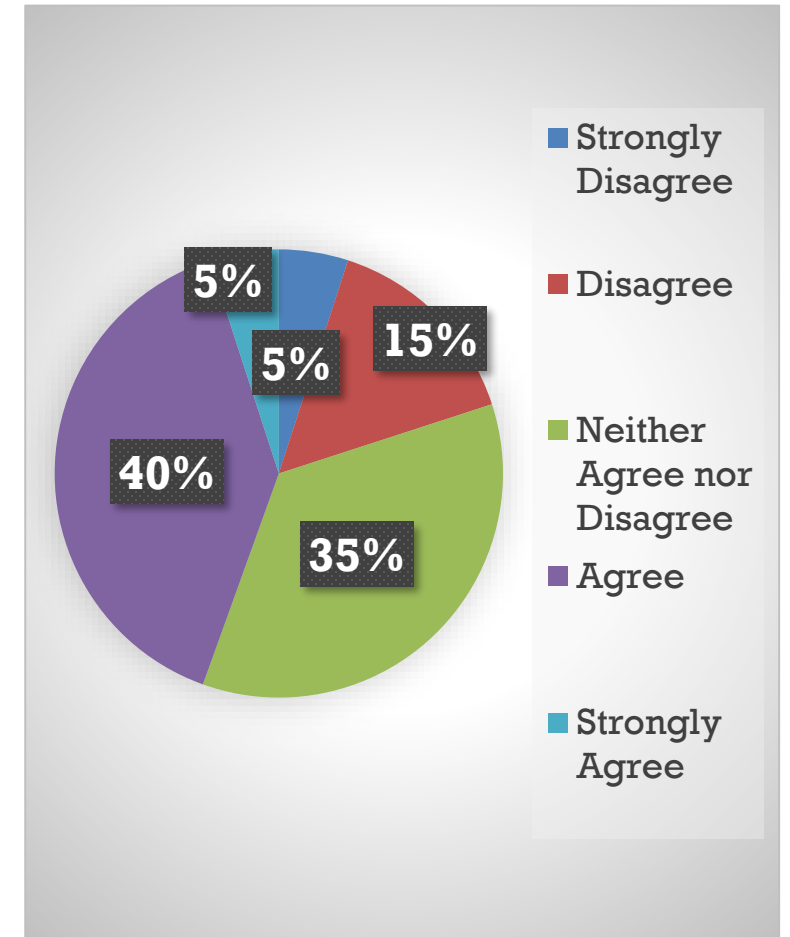
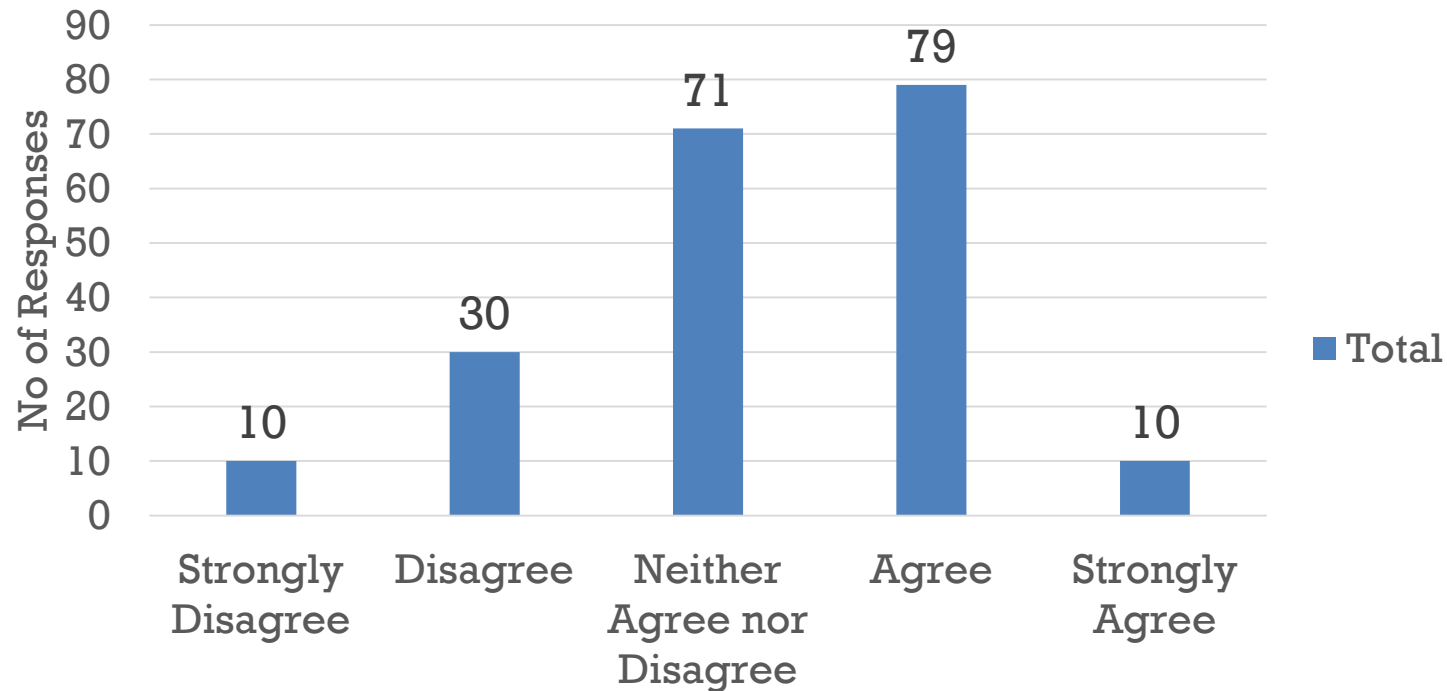


Figure 9: No. of responses of healthcare providers for Telemedicine providing access to new specialties and new technological healthcare services to the patient

RESULTS & FINDINGS:-

- By asking the question that "Do you think Telemedicine improves effectiveness of Therapeutic intervention" most of the respondent's ticks that they neither agree nor disagree at this point.
- Most of the Doctors shows disagreement on that telemedicine will replace the conventional system of patient consultation service.
- Most of the doctors Strongly agree with this thinking that telemedicine Consultation is saves time for doctors as well as to the patients.
- 30% of doctors thinks that telemedicine will not increasing patient engagement and satisfaction.
- 40% Doctors Agree Telemedicine providing access to new specialties and new technological healthcare services to the patient.
- 52% Disagree with that telemedicine will going to replace the conventional system for Patient consultation service.
- 40% Doctors who thinks that telemedicine will surely reduce the cost of care Delivery to the Patients.

CONCLUSION

- Telemedicine Consultation services still needs to improves its applicability and usability Because Most of the Doctors prefer Face to Face Consultation with Patient. As they Believe it helps them in sustaining long term relationship with the patients and also it's easier for them to guide the patient personally.
They feel patient feel more connected with the doctor while doing personal consultation and also it will help to maintain privacy between doctors and patients.
- While Telemedicine System is providing access to new specialties and new technological healthcare services to the patients, it also saves time and cost of travelling from one place to another and due to online consultation through telemedicine it is easy to provide healthcare services to remote area where people will unable to get healthcare services easily.

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THANK YOU...