

National Institute of Technology, Raipur

ASSIGMENT-2

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TWO PAGE WRITE-UP ON "EVOLUTION OF MODERN
HEALTHCARE SYSTEM"



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Abstract

"The provision of health services is the answer to the question of the kind of society we want in the future. The concept of health services, which is as old as human history itself, has changed over time depending on social dynamics. Previously, the only way to deal with disease was to let patients die. Demand for health care services began when this idea was replaced by the healing of patients. However, there was no organised provision of health care services until the industrial revolution. Health services gained the status of public goods due to the development of medical technology and the devastating effects of wars. Then, the process of the commodification of health care services began. The transformation of health services into private goods without regard for social benefits is a great danger in the framework of globalisation and neo-liberal policies".

1 what is Health Care system :-

A health system consists of all organizations, people, and actions whose primary intent is to promote, restore, or maintain health. This includes efforts to influence determinants of health as well as more direct health-improving activities. There is a wide variety of health systems around the world, with as many histories and organizational structures as there are nations. Implicitly, nations must design and develop health systems in accordance with their needs and resources, although common elements in virtually all health systems are primary healthcare and public health measures.

WORLD HEALTH ORGANIZATION DEFINITION:-

"A HEALTH SYSTEM CONSISTS OF ALL ORGANIZATIONS, PEOPLE AND ACTIONS WHOSE PRIMARY INTENT IS TO PROMOTE, RESTORE OR MAINTAIN HEALTH".



2 History of Health Care :-

in our past our health care system totally based on our baidh if we are studying India, in India Ayurveda is the famous technique to prevent any disease and also for health care that we have not any modern machines like "x-ray, MRI, ENDOSCOPY etc." for understanding what disease it is? they can use their own knowledge to predict and solve that.

7 OF THE MOST GRUESOME MEDICAL DEVICES IN HISTORY

- 1) Hernia tool :- Recognizing that the human body could often patch things up better than they could, doctors in the 1850s had a tool specifically for hernias.
- 2) Amputation saw :- used for this grisly purpose.
- 3) Ecraseur :- Used in the 19th century, this instrument strangled uterine and ovarian tumors as well as hemorrhoids. Its wire loop or chain was placed around the base of the unwanted growth and gradually tightened.
- 4) Arrow remover :- used in to remove arrow .
- 5) Artificial leeches;-
- 6) speculum :- tools for getting an intimate look at a woman's reproductive organs.
- 7) syringe :- It was used in the 1500s to inject mercury as a treatment for syphilis.

3 Evolution of Health Care system



Between the years 1750 and 2000, healthcare in the United States evolved from a simple system of home remedies and itinerant doctors with little training to a complex, scientific, technological, and bureaucratic system often called the "MEDICAL INDUSTRIAL COMPLEX."

Now we have many types of modern machines like Endoscopy, MRI and many advanced therapies which have enhanced our health care system. Now we have many vaccines to prevent Covid-19 like viruses and other advanced techniques like this is the evolution of our health care system.

* SOME ADVANCED TECHNIQUES IN OUR MEDICAL FIELD WHICH DEVELOPED BY TIME :-

1) CANCER NANOTHERAPY

2) BRAIN-MACHINE INTERFACES

* SOME ADVANCED MEDICAL DEVICES :-

C-ARM SCAN,

MRI, MOTORISED THROMBECTOMY SYSTEM,
EEG (ELECTROENCEPHALOGRAPHY)

4 conclusion

Health Care Comes Home reviews the state of current knowledge and practice about many aspects of health care in residential settings and explores the short- and long-term effects of emerging trends and technologies. By evaluating existing systems, the book identifies design problems and imbalances between technological system demands and the capabilities of users. Health Care Comes Home recommends critical steps to improve health care in the home. The book's recommendations cover the regulation of health care technologies, proper training and preparation for people who provide in-home care, and how existing housing can be modified and new accessible housing can be better designed for residential health care. The book also identifies knowledge gaps in the field and how these can be addressed through research and development initiatives. Health Care Comes Home lays the foundation for the integration of human health factors with the design and implementation of home health care devices, technologies, and practices. The book describes ways in which the Agency for Healthcare Research and Quality (AHRQ), the U.S. Food and Drug Administration (FDA), and federal housing agencies can collaborate to improve the quality of health care at home. It is also a valuable resource for residential health care providers and caregivers.