

# Introduction To Health Economics :

- Scarcity  $\left\{ \begin{array}{l} \rightarrow \text{There will be enough resources to completely satisfy human desires (All resources are limited)} \\ \rightarrow \text{continuous} \\ \rightarrow \text{الفترة الطبيعية} \end{array} \right.$

## Scarcity $\neq$ Shortage

- Shortage  $\hookrightarrow$  Human-made (Temporary)
- Economics  $\left\{ \begin{array}{l} \rightarrow \text{Is the study of how society manages its scarce resources} \\ \rightarrow \text{Is the science of scarcity} \end{array} \right.$
- Making choices  $\hookrightarrow$  what to produce? How to produce? For whom produce? According to the budget
- Sacrifices = opportunity cost (تكلفة الفرصة)  $\hookrightarrow$  To achieve the maximum benefit for society
- Inputs  $\hookrightarrow$  Resources like: Money/Time/Human/Resources/Equipment/Transport/Infrastructure [مدخلات]
- Outputs  $\hookrightarrow$  Services like: Health care services
- Efficiency  $\hookrightarrow$  Optimal/Best use of available resources
- Effectiveness  $\hookrightarrow$  To what extent the defined objectives are achieved
- Cost-effectiveness  $\left\{ \begin{array}{l} \hookrightarrow \text{كيف نحافظ على نفس المستوى من الخدمات الصحية نتيجة ان الموارد قلت} \\ \hookrightarrow \text{كيف نسن الخدمات الصحية بنفس الموارد الموجودة} \end{array} \right.$
- Allocative efficiency = Pareto-efficient = Pareto-efficiency "كفاءة التوزيع"  $\left\{ \begin{array}{l} \hookrightarrow \text{مدونة توفّر نفس المستوى من الخدمات للبيع ثم مع الوقت يتم تطويرها (Priorities)} \\ \hookrightarrow \text{مدونة توفّر نفس المستوى من الخدمات للبيع ثم مع الوقت يتم تطويرها} \end{array} \right.$
- Pareto improvement  $\hookrightarrow$  A policy or action that makes at least one person better off without hurting anyone
- Health economics  $\hookrightarrow$  Is a branch of economics that study the functioning of the health care systems as well as health-affecting behaviors
- Microeconomics  $\hookrightarrow$  Individual and Institutions like: Hospitals
- Macroeconomics  $\hookrightarrow$  Country/ System/ Government
- Health  $\hookrightarrow$  A state of complete physical and mental and social wellbeing and not only absence of disease or infirmity
- Physical health [No disease] "Eat well and take exercise"
- Mental health [Psychological and Emotional health] "Be happy and cope with stress"
- Social health [The ability to live with other people] "well communication"
- Spiritual health [Principles and Ethics]
- Disease  $\hookrightarrow$  Failure of the adaptive mechanism of an organ in human body to counteract the stimuli and stresses resulting in abnormal structure and function of one or more parts of the body
- Health for all  $\hookrightarrow$  To achieve a level of health that lead every individual socially and economically productive
- Alma Ata Declaration [1978, Kazakhstan]  $\hookrightarrow$  Underlining the importance of primary health care to promote the health for all people
- Health is a human right

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