



HEALTH ECONOMICS

Title : Why Health Economics

Lecture no : 4

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وَقَلِّبْ قَلْبَكَ بِرَبِّكَ زَيْدُنِي عِلْمًا





Why Health Economics??



Dr. Omnia Elmahdy

Why is healthcare cost rising so quickly?

لماذا تكلفة الرعاية الصحية ترتفع بسرعة كبيرة؟

1- Increasing role of governments and social insurance,

because:

دور الحكومات

نظام التأمين الصحي (تأمين الطلبة الجامعة مثلاً)

- Health care services are **public goods** that should be available for everyone (**universal coverage**).
اكثر انتاجياً
- A **healthy population** is **certainly more productive** from economic point of view, (and this is very rational assumption to further justify government investment in health.)
من الوجود
من الناحية الاقتصادية
- A **private market** in the health care services is **expensive** and **profit maker** **هدفه ربحي** and thus **may deprive many people from using highly needed care.**
مكلف

القطاعات الخاصة قد تحرم الكثير من الناس من استخدام الرعاية اللازمة

Why is healthcare cost rising so quickly?

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- 1- Increasing role of governments and social insurance
- 2- Mechanization of health care services
- 3- Population increase in general and particularly the elderly
- 4- Chronic diseases.
- 5- Lifestyle factors
- 6- Hospital care
- 7- Cancer is on the up globally

في اسباب تانية وكون هذرك اللي بهجونا

2- Mechanization of health care services

which made care more sophisticated and costly. معقدة ومكلفة

هنا صار في كثير آلات واجهزة وماكينات (واللي سعرها غالي)

وحتى المستشفيات بطلت تعتمد على السجلات الورقية وصارت تعتمد على المعلومات اللي موجودة على اجهزة الكترونية

● Spending on new medical technology and prescription drugs.

● **Expansion** in medical knowledge with more and more addition of new drugs, new procedures and so on.



3- Population increase in general and particularly the elderly (Aging of the population, **65 years+**) who consume much more care than younger people,

Health expenses rise with age because of: ال elderly يحتاجو رعاية صحية اكثر من غيرهم

- Co-morbidity (more than one disease / person),
- elderly people have multiple health problem as getting older i.e. vision and hearing problems, joint problems, heart disease, hypertension, diabetes, all need treatment and assistive devices such as glasses, hearing aids, walking device,and all are expensive.



4- Chronic diseases: The nature of health care in all over the world has changed **dramatically** over the past century with :

بشكل كبير

-longer life spans and greater prevalence of chronic illnesses.

انتشار

الناس صارت تعيش أكثر فبالتالي ال chronic diseases صارت تظهر أكثر

هنا اللي عندو acute diseases يكون محتاج لرعاية صحية مؤقتة على

عكس اللي عندو chronic رح يضل محتاجها طول حياتو

- This has placed huge **demands** on the health care system, particularly an **increased need** for treatment of **ongoing illnesses** and **long-term care** services such as **nursing**;
- it is **estimated** that health care costs for chronic disease treatment account for **over 75%** of **national health expenditures**.

يقدر

النفقات

لو نقارن عدد الناس الي بتحصللها حوادث مثلا بعدد الناس اللي عندها chronic diseases في فرق كبير كثير

5- Lifestyle factors, such as :

- eating an **unhealthy diet**, نظام غذائي غير صحي
- **smoking**,
- **lack of exercise** or physical activity.

Obesity and poor lifestyle habits combined with an ageing population all lead to one inevitable conclusion – **more people with long-term health conditions and higher healthcare costs.**

6- Hospital care

➤ In order to **attract** patients, many hospitals **overspent** on **high-tech equipment**.

معدات التكنولوجيا الفائقة.

المستشفيات عشان تجذب المرضى لازم يكون عندها high technology devices

7- Cancer is on the up globally

This rise is attributed to:

True increase

1. Ageing populations
2. Unhealthy lifestyles.
3. Pollution and carcinogens.

التلوث و المواد المسرطنة

False increase

عشان احنا صرنا نكتشف بس هي دي الفكرة
زمان الشخص اللي كان بصير معو سرطان كان يموت بدون ما يكتشفو انو معو كائسر او انو الناس ما كانت
بتعيش كفاية عشان يظهر المرض

1. the rise of cancers in developing countries where they were previously unheard of,
2. In the past, for many a diagnosis of cancer was a death sentence. But now they are discovered and recorded.

We're now living more with cancer, the situation has changed :

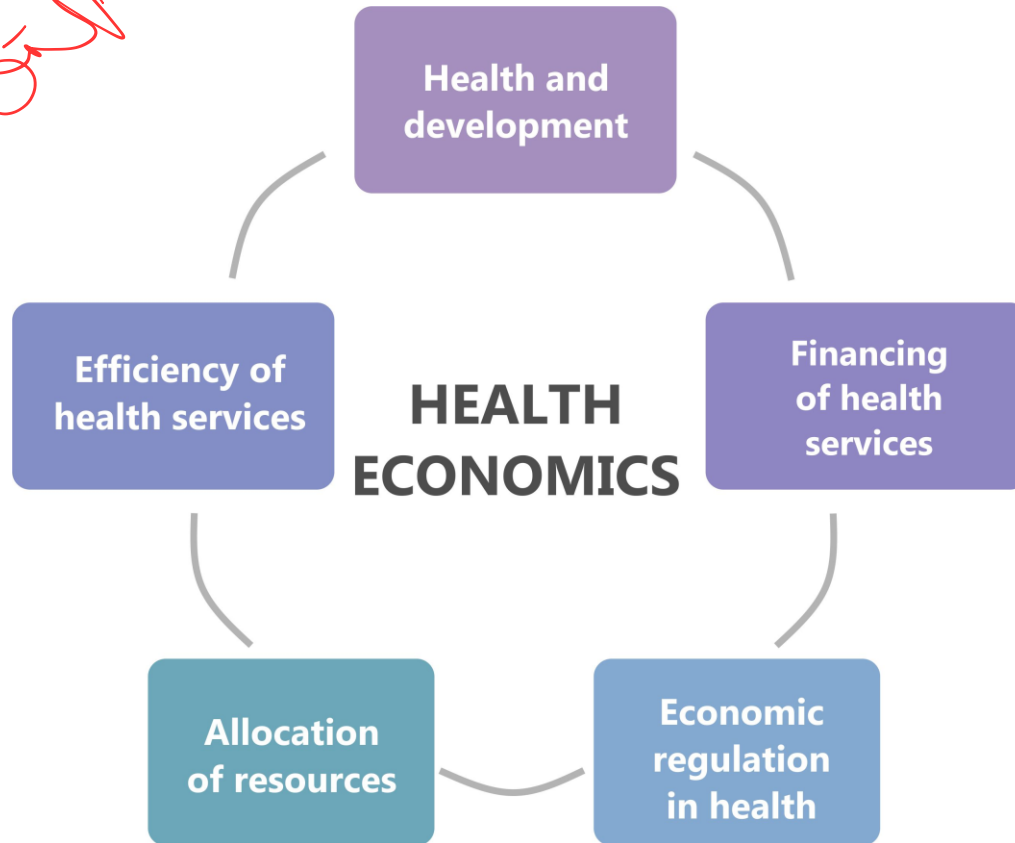
الحاجات اللي منستخدمها عشان نكتشف الكانسر ونعالجه

- ✓ Chemotherapy,
- ✓ radiotherapy,
- ✓ innovative drug therapies and
- ✓ radical surgical techniques,

have meant that over half of people who develop cancer now survive. These treatments are extremely costly and often long courses of therapy are needed.

Health and the economy: A vital relationship

العلاقة بين
الصحة والاقتصاد



- Healthcare performance is strongly dependent on the economy, but also on the health systems themselves. This link should not be underestimated.

الاستثمار في الصحة

- Investment in health is not only a desirable, but also an essential priority for most societies.

الاستثمار في الصحة مش معناه اني حاخذ من الناس مبلغ اقل من الحكومة هتدفعه

However, our health systems face tough and complex challenges, such as:

1. ageing populations, ↑
2. growing prevalence of chronic illnesses, ↑ and
3. intensive use of expensive vital health technologies. ↑
4. higher expectations of citizens ↑
5. resolve persistent inequities in access and in health conditions among different groups. احنا محتاجين نقل ال inequities بين مناطق ومناطق اخرى

❑ **Health conditions** (mortality, morbidity, disability) depend not just on **standards of living**, but on the **actual performance** of health systems themselves. So, **health performance and economic performance are interlinked.**

فترا بطله

❑ **Wealthier** (richer) countries have **healthier** populations for a start.

انصقي

يوأتي سلباً

❑ And **poverty, adversely** affects life expectancy by affecting nutrition, morbidity and mortality ↑

الاطفال ممكن تموت بسبب ال poor nutrition

❑ **National income** has a direct effect on the **development** of health systems, through **insurance coverage** and public spending,

❑ **health expenditures** **النفقات الصحية** are determined mainly by **national income**. **الدخل القومي**

- Countries with **weak health and education conditions** find it **harder to achieve sustained growth**.
 health الدول اللي ما بتستثمر و بتعتبر ال
 education حاجة ثانوية اكيد مش رح تحقق
 growth عالي بعد كده رح تكون طول الوقت بتحاول تحافظ على ال situation الي هيبه فيه
- Economic evidence confirms that **improvement in life expectancy** at birth is associated with **a rise in economic growth**.
- **Disease lower life expectancy** damages productivity.
- High economy means **good health financing** which leads to **universal provision of insurance coverage**

Good health care spending is reflected in a healthier

population by:

ما هي العلامات التي تعرفني اني انا فعلا قدمت good health care system

1. **increased life expectancy**
2. **lower mortality for diseases** such as **cancer** and **chronic diseases**.
3. **lower infant mortality**
4. **lower maternal mortality**
5. **lower morbidity**
6. **improving health outcome**

لو كانت نسبة ال mortality لل infant او maternal عالية فده يعني انو عندي مشكله في ال PHC

Universal coverage

تعرّفونها
↓

All people have access to the full range of quality health services they need, when and where they need them, without financial hardship

مش حفظ لانو هو نفسو ال critria of PHC ممتعة

It is inclusive شامل. It unifies يوحد services and delivers them in a comprehensive ممتكاملة and integrated way and ensure financial protection to all citizens based on primary health care.”

Primary health care is :

مستورسي نبي جميع لياذا السلايد
ضمنا نفس HC : p

- essential health care
- practically, scientifically and socially acceptable
- universally accessible to individuals and families in the community
- through their full participation and
- at an affordable cost .



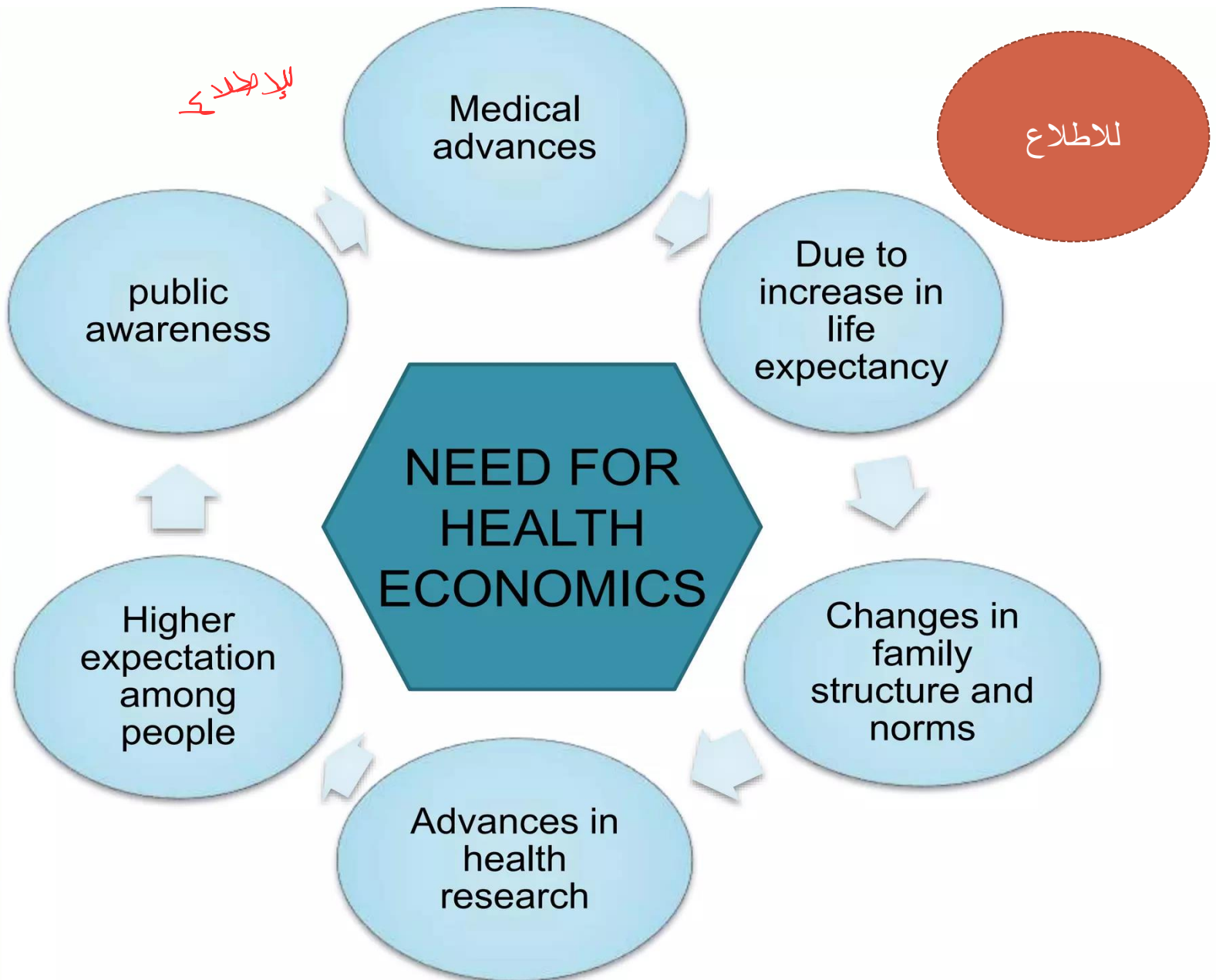
It means:

1. **Access** to health care when people **need** it.
Need driven use of care.
2. **Availability** at **affordable cost: equity**
in access.
3. Such system will **lead to equity in health**

احفظ اللي من خطر بس

Primary health care is a critical foundation for universal health coverage.





تم بحمد الله 