

Technological change and the growth of health care spending

Nova Science Publishers - 5 Ways Technology is Transforming the Healthcare Industry

Table 1.3 Medical Technology and Spending Growth, Residual and Related Studies

| Study | Study Period | Method | Findings |
|-------------------------------|--------------|--|--|
| (Newhouse, 1992, 1993b) | Varied | Residual approach, reviewing non-technology cause of spending growth | "The principal cause of increased costs appears to be the increased capabilities of medicine." |
| (Schwartz, 1987) | 1977-1984 | Residual approach, reviewing non-technology cause of spending growth | Medical innovation and diffusion is the primary, controllable factor contributing to the underlying, upward trend in health care expenditures. |
| (Poles and Freedland, 1998) | 1960-1993 | Regression analysis using the level of insurance coverage and non-commercial research spending as proxies for technology | 70% of spending growth is attributable to medical technology (much of which was induced by insurance coverage). |
| (Newhouse, 1981, Varol, 1988) | Varied | Regression analysis examining the change in price as a function of the level of, and changes in, insurance coverage and gross national product (GNP) | The most important explanation of medical price inflation is that high levels of insurance coverage induced high rates of new product development and use. |

Description: -

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 Technology, Medical -- trends -- United States
 Technology, Medical -- economics -- United States
 Health Expenditures -- trends -- United States
 Medical innovations -- Economic aspects -- United States
 Medical technology -- Economic aspects -- United States
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Snapshots: How Changes in Medical Technology Affect Health Care Costs

Better anesthetic agents and practices have reduced the burden of surgery on patients, producing faster patient recoveries, shorter hospital stays, and fewer medical errors. Remarkable powers reside at the state level to reduce health costs and improve quality. The positive feedback loop between investment and innovation results in the success of some of the top countries in the table below, which shows the three most innovative countries in each income group.

Affordable Care Act and EHR: How It Is Boosting Growth : UIC Online

Amidst this growth, there are challenges to digitization in health care—posed by outdated legacy platforms, cost and complexity of new technologies, and constantly evolving business needs and scenarios—and cybersecurity will continue to remain a prime concern. According to the Bureau of Labor Statistics, the health sector employed 6. This morning, CBO released a new report,.

Technological Change and the Growth of Health Care Spending

Disadvantages of Electronic Health Records Theoretically, shifting to EHRs should change everything for the better. In looking at the impact on cost per patient, consideration needs to be given to whether the direct costs of the new technology include any effect on the use or cost of other health care services such as hospital days or physician office visits. Meanwhile, inpatient care, which includes skilled nursing rehabilitation and non-surgical dental interventions, makes up 4.

5 Ways Technology is Transforming the Healthcare Industry

As one of the fastest-growing markets in mobile application development, there are a plethora to choose from—perhaps the greatest downside! They found that more availability of the technologies was frequently associated with higher use and spending on the services. All of those are going to be pretty expensive in any system.

2020 US and Global Health Care Outlook

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by James A. Kent Clemens, Mark Zezza, and Christopher Truffer, 11 February 2004. Several groups have asked the BMJ to retract it.

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