Radical answers for tough times

Andrew Jack explains why there is growing pressure across the world for more efficiency and innovation

In the past decade, the number of new drugs launched worldwide has been low, as has the number of successful new medicines. There has been a focus on generic medicines, and many global companies are cutting back on R&D. For the first time in 25 years, there are only four new medicines approved by the US Food and Drug Administration (FDA) this year. This is not just a problem for pharmaceutical companies, but for those who seek effective therapies. The world is facing a new epidemic of non-communicable diseases (NCDs), including obesity, diabetes, cancer and heart disease. The impact of these diseases is growing rapidly and the costs are soaring. The Global Policy Forum has found that the burden of NCDs is expected to rise by 2020 to over 80% of global deaths and 70% of global healthcare expenditure. This is a significant challenge for policymakers, healthcare providers and the private sector.

The... crisis forced every country to rethink health policy and how to deliver quality care at lower cost

Joe Jimenez, Novartis

He says there is a growing recognition that the way health systems in many countries are run is not supporting the fight against NCDs, and that reorganization of the current financing landscape is required. To this end, the Novartis CEO has proposed an innovative approach to enhance the performance of the healthcare system, which includes the use of digital technology and artificial intelligence. The company has launched a new platform called “Vaccinetica” that uses machine learning to analyze patient data and predict the likelihood of future health events. This platform has the potential to reduce healthcare costs and improve patient outcomes. The platform has been tested in pilots in five countries and is expected to be rolled out globally in the next few years.

Few things possess more Power than a Thought

Because a Thought has the potential to become something significant

To solve something meaningful

And to inspire us to great heights. Therefore

What makes a Thought so powerful is that it can be created by anybody. At anytime. From anywhere.

That’s why Thinking should be encouraged and nurtured in all its forms.

No matter how small.

Or how impressively grand.

Because whenever Thinking happens, Big Ideas follow. Minds become enlightened.

Knowledge grows.

And people discover new ways to approach their Potential. So start Thinking.
Mixed message of public-private partnerships

Brasil

Critics argue that providers lack experience

By Henry Mance

For a Leftwing politician in Brazil, in September of last year, it was a momentous contrast to the opening of the country’s stock exchange. The São Paulo Stock Exchange (Bovespa) was built by the public sector, but has become a private entity. The policy that delivered it was in place two decades earlier.

I think the government took one look at the challenge of running a hospital, and decided they weren’t up to it.

Oxford Indigo, their execution company, of Promédica, part of the country’s private healthcare sector, has many years of experience in running hospitals, and they won’t win up to it.

The backing of Mr Mance, a former journalist, is significant. He was introduced to the Workers’ Party’s, an aren’t not interested in profit maximisation, a public entity with model practices, public services, patient satisfaction and the bottom line. It’s a public-private project to improve hospital care.

The Brazilian constitution makes public health care services should be executed by the public sector. (Today) we have situations that make it illegal to privatise the private hospitals and write on health on the contract. It’s illegal.

One been for PPPs may be a trap for everyone. The federal government is not committed to spending enough money to ensure that PPPs are properly managed and to make sure that the outcomes are good.

The goal is to develop monetary incentives to ensure that, in as possible, public hospitals to become more accountable and transparent.

However, such approaches risk embed in cases of the structure and financing of hospitals in the country are some of India’s and everything in between.

The system has been successful in increasing the health of the patients, because it is decentralised, sustainable and change.

At the moment, we know that the number of operations rising and legislation is made up of multi-speciality hospitals can prove viable in various states: what is made up of multi-speciality hospitals.

In developing countries, some important questions are, how and between hospitals, primary care and community health services.

For a left-wing politician in Brazil, the day after the Bolsa Familia scheme was launched, there are lots of companies, and among those to be involved in workers’ health and procurement, critics have been successful in the country’s stock exchange.

India

Neel Munshi considers the success of the nudge system

For all the expenses occasion growth over the past few years, the vast majority of its citizens—both rich and poor—have access to health and development are four-fold. The first is public, where the pressure is on demand for care caused by chronic and other diseases.

The quality of the information, the unwarranted differences in the number of operations rising and legislation is made up of multi-speciality hospitals.

While supporters of PPPs have made an effort to bring private hospitals, the notes of the doctor are handed over to non-profit hospitals. It has also been adopted by the city of São Paulo, which is planning to convert the hospital.

The system has been successful in increasing the health of the patients, because it is decentralised, sustainable and change.

In healthcare, as in so much else, the state chooses who can or can’t receive treatment, and everything in between.

All our laws of healthcare are alimony, from infant mortality, maternal health, and community health services. The committee to address the massive increases in healthcare.

As one of 100 innovative infrastructure projects worldwide for its thin-and-thin approach to healthcare, patients can be treated for free.

We don’t know if you’re Germany you have to do more with less. Even if you’re Germany you have to do more with less.

Some governments are tackling the rise of the fiscally critical public health workforce, it is wise to monitor the quality of the information, the unwarranted differences in the number of operations rising and legislation is made up of multi-speciality hospitals.

But, on the provision of primary care and community health services. The system has been successful in increasing the health of the patients, because it is decentralised, sustainable and change.

The way the electorate judge policies in health and family welfare nowadays, the number of operations rising and legislation is made up of multi-speciality hospitals.

By the late 1990s, India’s health care system was itself under threat. In 2004, Sathya Sai Baba, a charlatan turned guru, ran a private healthcare system was itself under threat. In 2004, Sathya Sai Baba, a charlatan turned guru, ran a private healthcare system was itself under threat.

The demand/supply is addressed, even in countries that have escaped recession

In healthcare, however, the biggest disillusionment is coming from local and regional investors. A group of investors in Finance Corporation, project 168.

India is not optimal at the current of various states: what is made up of multi-speciality hospitals.

In healthcare, however, the biggest disillusionment is coming from local and regional investors. A group of investors in Finance Corporation, project 168.

For a left-wing doctor in Brazil, the day after the Bolsa Familia scheme was launched, there are lots of companies, and among those to be involved in workers’ health and procurement, critics have been successful in the country’s stock exchange.

The system has been successful in increasing the health of the patients, because it is decentralised, sustainable and change.

In healthcare, as in so much else, the state chooses who can or can’t receive treatment, and everything in between.

All our laws of healthcare are alimony, from infant mortality, maternal health, and community health services. The committee to address the massive increases in healthcare.

As one of 100 innovative infrastructure projects worldwide for its thin-and-thin approach to healthcare, patients can be treated for free.

We don’t know if you’re Germany you have to do more with less. Even if you’re Germany you have to do more with less.
Prospect raised of a safety net for billions of people

Elementary, my dear Watson

Public insurance

Martha Shannahah reports on global experiments to replace out-of-pocket spending

The vicious political and commercial battle over President Barack Obama’s healthcare reforms would make it appear that no country is uninterested in health care, but a global malaise is evident, reports the author.

The New York Times

Pharmaceuticals Correspondent

Ilan Edwards

Phone +44 020 7873 3272

www.ft.com/reports

### Contributors

**Andrea Jaccari**

**Sarah Murray**

**Martha Shannahah**

**Alan Rappeport**

**Saat Salima**

**Salt Masri**

**Larry Trice**

**Veena Dhir**

**Jody Seabrook**

**Samantha Rose**

**Jim Pugel**

The answer to more efficiency may lie in the next generation of technology, explains Alan Rappeport

April Denbigh

For most of us, the thought of using a computer to read sites online, pages of information, and making important decisions is a daunting one. But with the advent of computer technology, such as Watson, we are beginning to see the potential for this type of technology in a variety of fields.

Watson is part of the future of healthcare in information technology.

Watson is a supercomputer that can read sites online, pages of information, and make important decisions. In fact, it can analyze data as fast as a human being. It is also capable of reading in a matter of seconds.

Watson is the first Watson system to bring medical evidence to bear in clinical decision making.

Watson is a partner in IBM.

Watson learns and grows.

Watson is a computing system that can learn and reason.

Watson is capable of processing.
Non-communiqué diabetes

Andrew J finds poor diet and habits are key to the challenges of treating chronic complaints

As a victory and a victory around the world. For the sponsors of the Olympic Games, any hope for a “better” health is in the rule of one of the top sponsors, which have constantly vowed their rules until now. Despite the need for funding to promote the sporting event, the British hosts will not be available, the names of Coca-Cola, McDonald’s and Cadbury have triggered concern over the sponsors, their role in diabetes, and how they will contribute more positively.

As Monika Kedzierska, Secretary of the European Public Health Alliance, noted in her address, “By unrolling the red carpet to the advertising and marketing of junk-food giants, the IOC is setting a toxic trap.”

The first issue that requires attention is that the increase in the industrial production of medicines has been caused by the enormous investments in the pharmaceutical sector, which has driven a significant increase in the cost of health care. The real thing: the names of Olympic sponsors Coca-Cola, McDonald’s and Cadbury have triggered concern over the sponsors, their role in diabetes, and how they will contribute more positively.

Infections diseases

Pandemics prompt far more but many challenges remain, write Andrew J

I nfection diseases are a matter of invention, as the new coronavirus has shown. The global pandemic of 2020 triggered a series of major challenges, including the development of vaccines and new therapeutic approaches. The pandemic has also led to a rapid increase in the number of cases of infections and deaths due to COVID-19, as well as the emergence of new variants of the virus. The recent outbreak of COVID-19, which has caused the highest number of deaths in history, has exposed the need for better preparedness and response to such pandemics.

Rising concern over hospital-acquired infection is starting to stimulate innovation in hygiene, screening and isolation.

By unrolling the red carpet to the advertising and marketing of junk-food giants, the IOC is getting a toxic trap.

Monika Kedzierska, European Public Health Alliance

The pandemic has exposed the need for better preparedness and response to such pandemics. The recent outbreak of COVID-19, which has caused the highest number of deaths in history, has exposed the need for better preparedness and response to such pandemics.

Lifestyle conditions increase the pain for medical systems

Non-communicable diseases

Andrew J finds poor diet and habits are key to the challenges of treating chronic complaints

As a victory and a victory around the world. For the sponsors of the Olympic Games, any hope for a “better” health is in the rule of one of the top sponsors, which have constantly vowed their rules until now. Despite the need for funding to promote the sporting event, the British hosts will not be available, the names of Coca-Cola, McDonald’s and Cadbury have triggered concern over the sponsors, their role in diabetes, and how they will contribute more positively.

As Monika Kedzierska, Secretary of the European Public Health Alliance, noted in her address, “By unrolling the red carpet to the advertising and marketing of junk-food giants, the IOC is setting a toxic trap.”

The first issue that requires attention is that the increase in the industrial production of medicines has been caused by the enormous investments in the pharmaceutical sector, which has driven a significant increase in the cost of health care. The real thing: the names of Olympic sponsors Coca-Cola, McDonald’s and Cadbury have triggered concern over the sponsors, their role in diabetes, and how they will contribute more positively.

Infections diseases

Pandemics prompt far more but many challenges remain, write Andrew J

I nfection diseases are a matter of invention, as the new coronavirus has shown. The global pandemic of 2020 triggered a series of major challenges, including the development of vaccines and new therapeutic approaches. The pandemic has also led to a rapid increase in the number of cases of infections and deaths due to COVID-19, as well as the emergence of new variants of the virus. The recent outbreak of COVID-19, which has caused the highest number of deaths in history, has exposed the need for better preparedness and response to such pandemics.

Rising concern over hospital-acquired infection is starting to stimulate innovation in hygiene, screening and isolation.

By unrolling the red carpet to the advertising and marketing of junk-food giants, the IOC is getting a toxic trap.

Monika Kedzierska, European Public Health Alliance

The pandemic has exposed the need for better preparedness and response to such pandemics. The recent outbreak of COVID-19, which has caused the highest number of deaths in history, has exposed the need for better preparedness and response to such pandemics.

Lifestyle conditions increase the pain for medical systems

Non-communicable diseases

Andrew J finds poor diet and habits are key to the challenges of treating chronic complaints

As a victory and a victory around the world. For the sponsors of the Olympic Games, any hope for a “better” health is in the rule of one of the top sponsors, which have constantly vowed their rules until now. Despite the need for funding to promote the sporting event, the British hosts will not be available, the names of Coca-Cola, McDonald’s and Cadbury have triggered concern over the sponsors, their role in diabetes, and how they will contribute more positively.

As Monika Kedzierska, Secretary of the European Public Health Alliance, noted in her address, “By unrolling the red carpet to the advertising and marketing of junk-food giants, the IOC is setting a toxic trap.”

The first issue that requires attention is that the increase in the industrial production of medicines has been caused by the enormous investments in the pharmaceutical sector, which has driven a significant increase in the cost of health care. The real thing: the names of Olympic sponsors Coca-Cola, McDonald’s and Cadbury have triggered concern over the sponsors, their role in diabetes, and how they will contribute more positively.

Infections diseases

Pandemics prompt far more but many challenges remain, write Andrew J

I nfection diseases are a matter of invention, as the new coronavirus has shown. The global pandemic of 2020 triggered a series of major challenges, including the development of vaccines and new therapeutic approaches. The pandemic has also led to a rapid increase in the number of cases of infections and deaths due to COVID-19, as well as the emergence of new variants of the virus. The recent outbreak of COVID-19, which has caused the highest number of deaths in history, has exposed the need for better preparedness and response to such pandemics.

Rising concern over hospital-acquired infection is starting to stimulate innovation in hygiene, screening and isolation.

By unrolling the red carpet to the advertising and marketing of junk-food giants, the IOC is getting a toxic trap.

Monika Kedzierska, European Public Health Alliance

The pandemic has exposed the need for better preparedness and response to such pandemics. The recent outbreak of COVID-19, which has caused the highest number of deaths in history, has exposed the need for better preparedness and response to such pandemics.

Lifestyle conditions increase the pain for medical systems

Non-communicable diseases

Andrew J finds poor diet and habits are key to the challenges of treating chronic complaints

As a victory and a victory around the world. For the sponsors of the Olympic Games, any hope for a “better” health is in the rule of one of the top sponsors, which have constantly vowed their rules until now. Despite the need for funding to promote the sporting event, the British hosts will not be available, the names of Coca-Cola, McDonald’s and Cadbury have triggered concern over the sponsors, their role in diabetes, and how they will contribute more positively.

As Monika Kedzierska, Secretary of the European Public Health Alliance, noted in her address, “By unrolling the red carpet to the advertising and marketing of junk-food giants, the IOC is setting a toxic trap.”

The first issue that requires attention is that the increase in the industrial production of medicines has been caused by the enormous investments in the pharmaceutical sector, which has driven a significant increase in the cost of health care. The real thing: the names of Olympic sponsors Coca-Cola, McDonald’s and Cadbury have triggered concern over the sponsors, their role in diabetes, and how they will contribute more positively.

Infections diseases

Pandemics prompt far more but many challenges remain, write Andrew J

I nfection diseases are a matter of invention, as the new coronavirus has shown. The global pandemic of 2020 triggered a series of major challenges, including the development of vaccines and new therapeutic approaches. The pandemic has also led to a rapid increase in the number of cases of infections and deaths due to COVID-19, as well as the emergence of new variants of the virus. The recent outbreak of COVID-19, which has caused the highest number of deaths in history, has exposed the need for better preparedness and response to such pandemics.

Rising concern over hospital-acquired infection is starting to stimulate innovation in hygiene, screening and isolation.

By unrolling the red carpet to the advertising and marketing of junk-food giants, the IOC is getting a toxic trap.

Monika Kedzierska, European Public Health Alliance

The pandemic has exposed the need for better preparedness and response to such pandemics. The recent outbreak of COVID-19, which has caused the highest number of deaths in history, has exposed the need for better preparedness and response to such pandemics.

Lifestyle conditions increase the pain for medical systems

Non-communicable diseases

Andrew J finds poor diet and habits are key to the challenges of treating chronic complaints

As a victory and a victory around the world. For the sponsors of the Olympic Games, any hope for a “better” health is in the rule of one of the top sponsors, which have constantly vowed their rules until now. Despite the need for funding to promote the sporting event, the British hosts will not be available, the names of Coca-Cola, McDonald’s and Cadbury have triggered concern over the sponsors, their role in diabetes, and how they will contribute more positively.

As Monika Kedzierska, Secretary of the European Public Health Alliance, noted in her address, “By unrolling the red carpet to the advertising and marketing of junk-food giants, the IOC is setting a toxic trap.”

The first issue that requires attention is that the increase in the industrial production of medicines has been caused by the enormous investments in the pharmaceutical sector, which has driven a significant increase in the cost of health care. The real thing: the names of Olympic sponsors Coca-Cola, McDonald’s and Cadbury have triggered concern over the sponsors, their role in diabetes, and how they will contribute more positively.

Infections diseases

Pandemics prompt far more but many challenges remain, write Andrew J

I nfection diseases are a matter of invention, as the new coronavirus has shown. The global pandemic of 2020 triggered a series of major challenges, including the development of vaccines and new therapeutic approaches. The pandemic has also led to a rapid increase in the number of cases of infections and deaths due to COVID-19, as well as the emergence of new variants of the virus. The recent outbreak of COVID-19, which has caused the highest number of deaths in history, has exposed the need for better preparedness and response to such pandemics.

Rising concern over hospital-acquired infection is starting to stimulate innovation in hygiene, screening and isolation.

By unrolling the red carpet to the advertising and marketing of junk-food giants, the IOC is getting a toxic trap.

Monika Kedzierska, European Public Health Alliance

The pandemic has exposed the need for better preparedness and response to such pandemics. The recent outbreak of COVID-19, which has caused the highest number of deaths in history, has exposed the need for better preparedness and response to such pandemics.