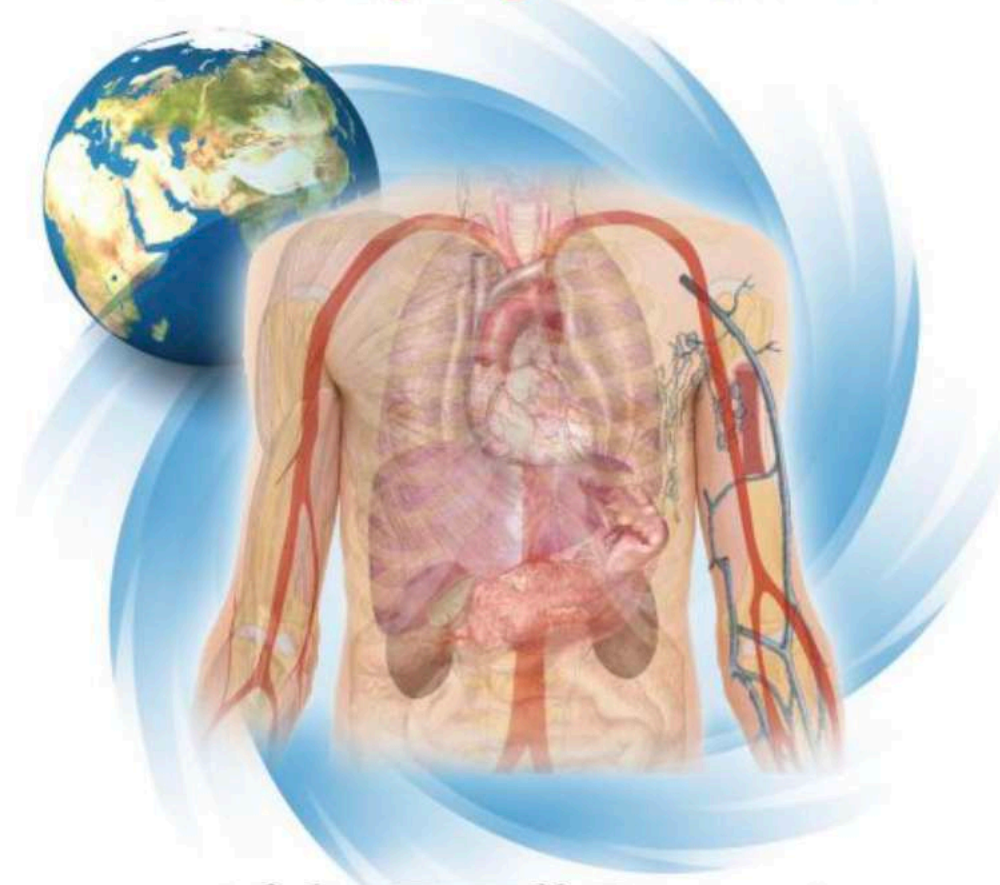


IN HOME HEALTHCARE HOME TELE - HEALTH

Chronic Diseases

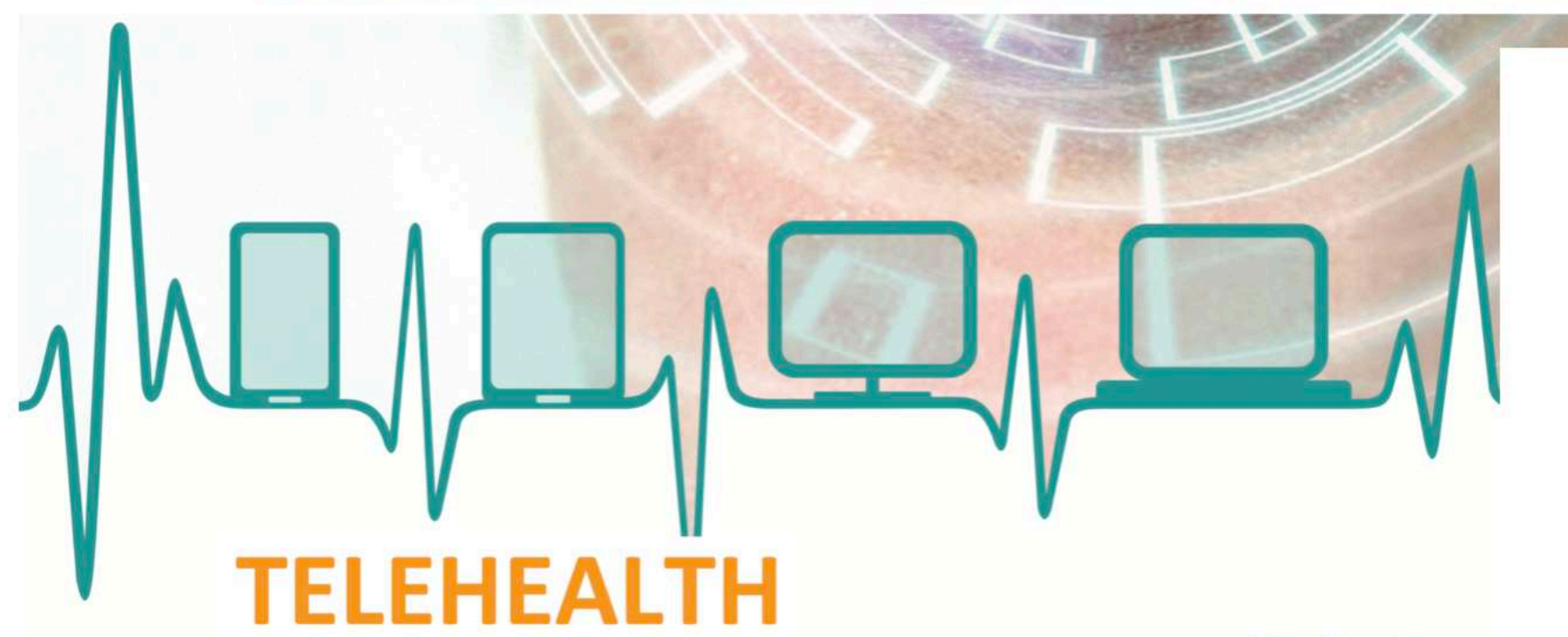
The Escalating Dilemma in
Developing Countries



Connected Health Is The Future OF Egypt Healthcare



In Home Healthcare



ImariMed CHRONIC DISEASE REHABILITATION CENTER

We Promotes The Art And Science Of Medicine and the betterment of public health.



CHRONIC DISEASES IN EGYPT



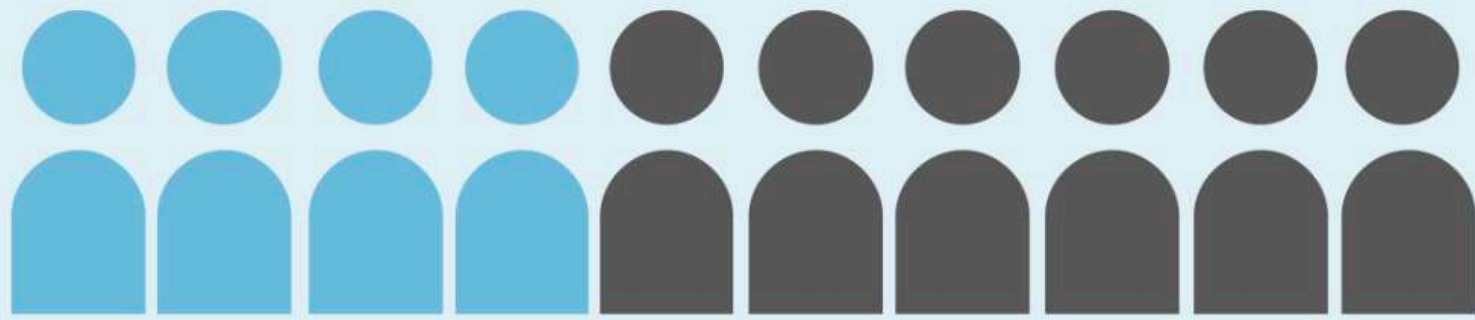
THE LEADING CAUSES OF DEATH AND DISABILITY

And one of the leading drivers in the nation, 75 billion EGP in annual health care

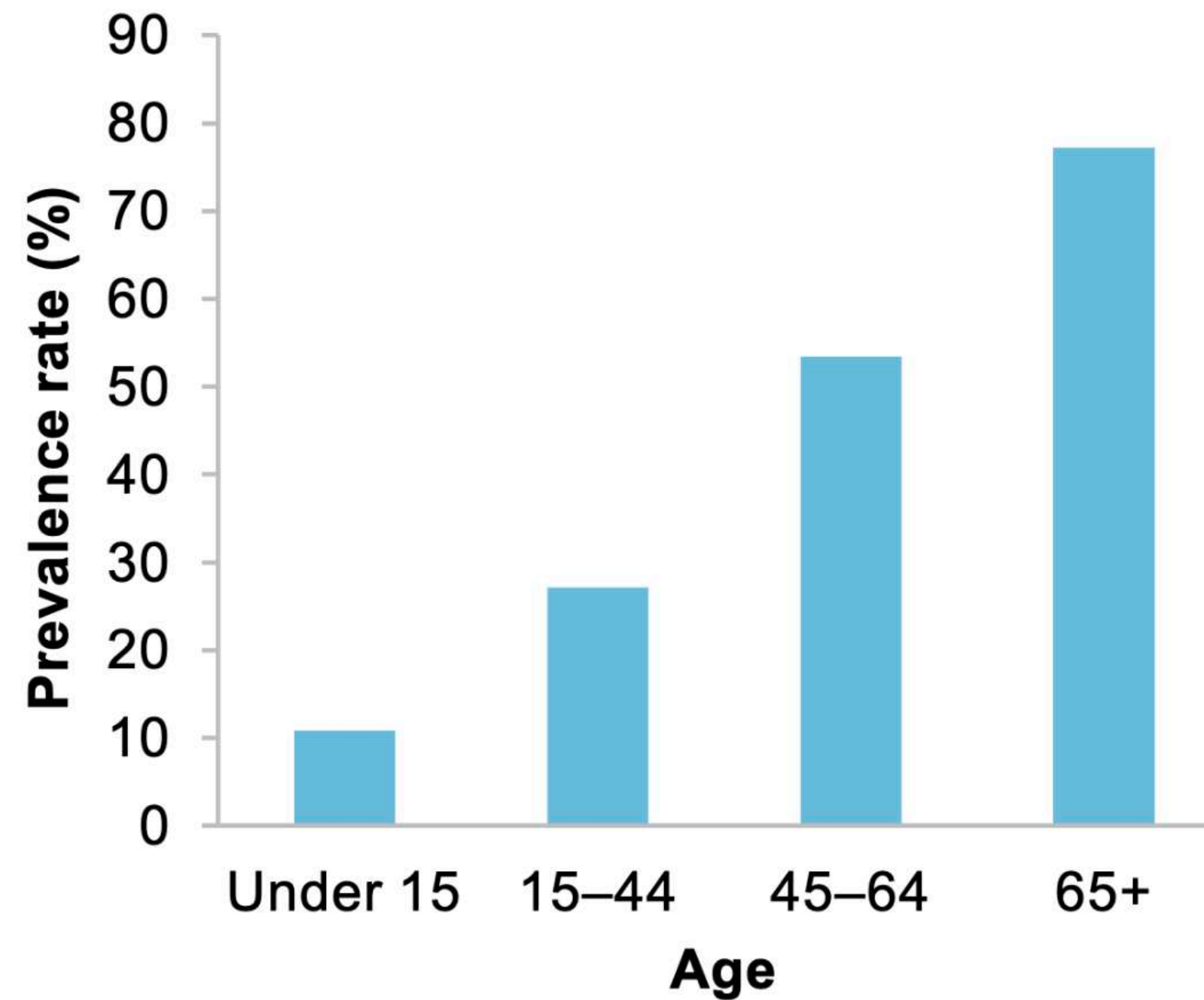


Chronic conditions are common and costly

Most Egyptians especially Older people
live with chronic conditions



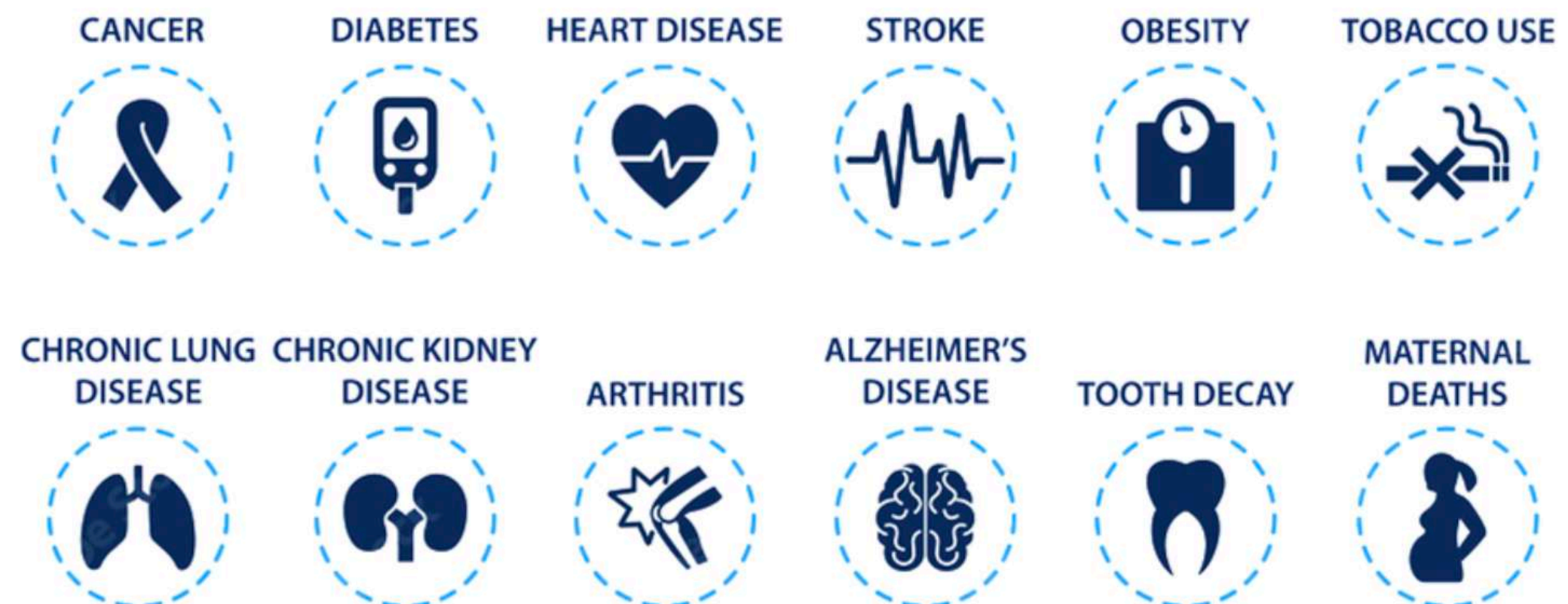
**38% Of Egyptians
40 million people - Have At Least
One Chronic disease**



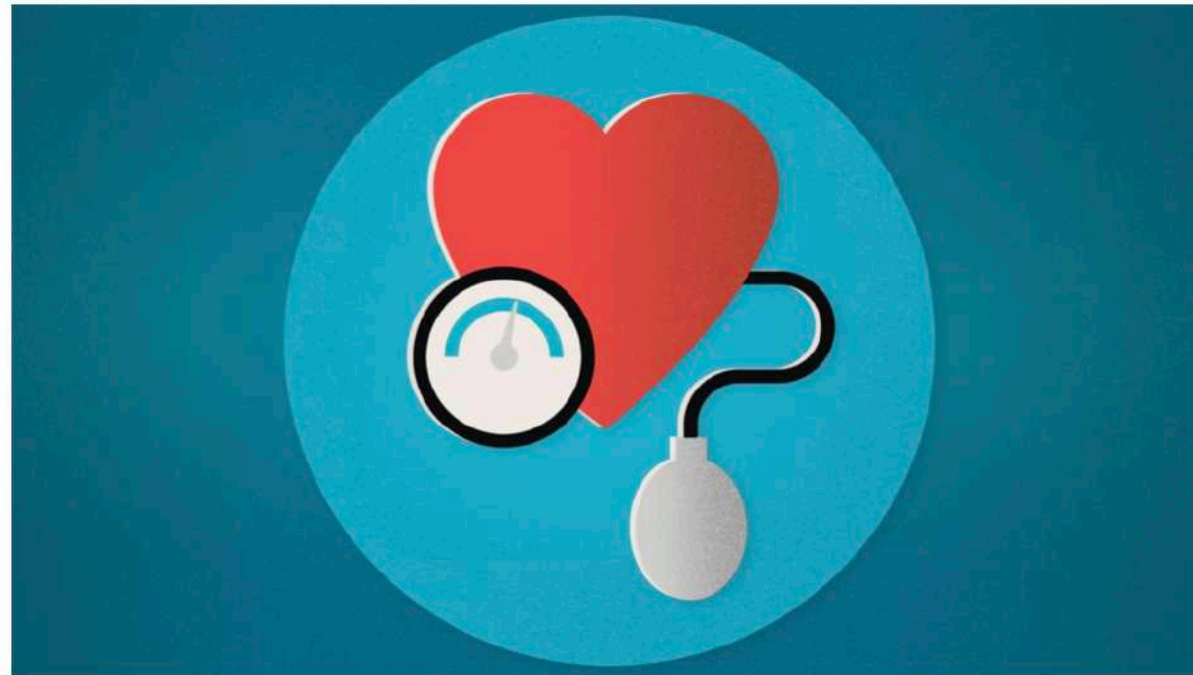
MANAGING CHRONIC DISEASES



CHRONIC DISEASES



First WHO report details devastating impact of hypertension



More Than 1.2 Billion People Worldwide Now Have Hypertension

Key facts

- An estimated 1.28 billion adults aged 30–79 years worldwide have hypertension, most (two-thirds) living in low- and middle-income countries
- **An estimated 46% of adults with hypertension are unaware that they have the condition.**
- Less than half of adults (42%) with hypertension are diagnosed and treated.
- Approximately 1 in 5 adults (21%) with hypertension have it under control.
- Hypertension is a major cause of premature death worldwide.
- One of the global targets for noncommunicable diseases is to reduce the prevalence of hypertension by 33% between 2010 and 2030.

The World Health Organization (WHO) released its first-ever report on the devastating global impact of high blood pressure, **along with recommendations on the ways to win the race against this silent killer.** The report shows approximately 4 out of every 5 people with hypertension are not adequately treated, but if countries can scale up coverage, 76 million deaths could be averted between 2023 and 2050.

Hypertension affects 1 in 3 adults worldwide. This common, deadly condition leads to stroke, heart attack, heart failure, kidney damage and many other health problems.

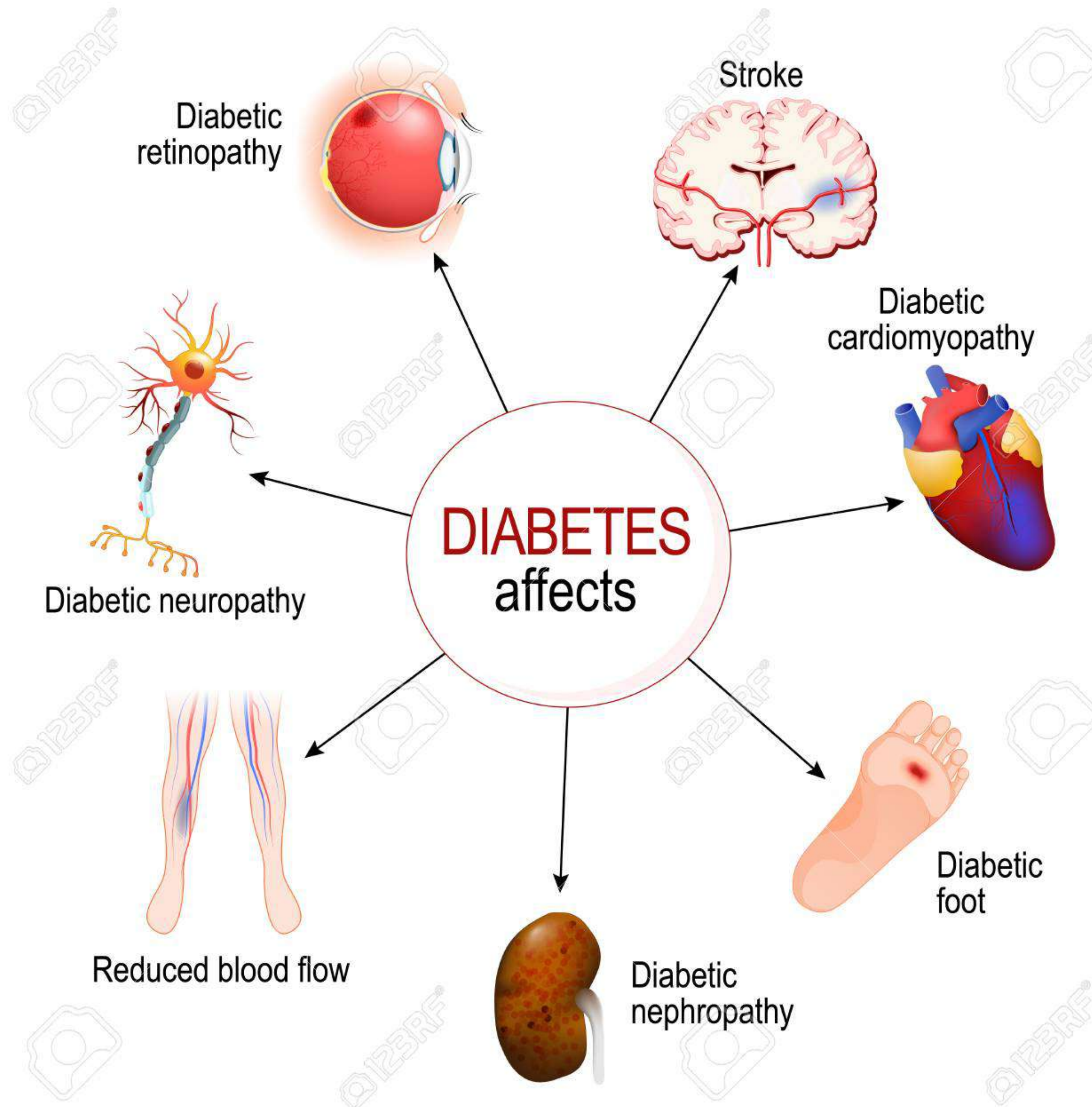
The prevention, early detection and effective management of hypertension are among the most cost-effective interventions in health care

IMARI WILL MONITOR YOUR HYPERTENSION 24/7 HELPING TO SAVE YOUR LIFE



1 OUT OF **3** PEOPLE
has prediabetes.

IMARI WILL MONITOR YOUR DIABETES 24/7 HELPING TO SAVE YOUR LIFE



Chronic respiratory diseases in Egypt

Chronic respiratory diseases (CRDs) affect the airways and other structures of the lungs. Some of the most common are chronic obstructive pulmonary disease (COPD), asthma, occupational lung diseases and pulmonary hypertension. In addition to tobacco smoke, other risk factors include air pollution, occupational chemicals and dusts. CRDs are not curable; however, various forms of treatment that help open the air passages and improve shortness of breath can help control symptoms and improve daily life for people living with these conditions. The aim of the WHO Chronic Respiratory Diseases Programme is to support Member States in their efforts to reduce the toll of morbidity, disability and premature mortality related to chronic respiratory diseases, specifically asthma and chronic obstructive pulmonary disease.

The prevalence of COPD (Chronic Obstructive Pulmonary Disease) in Egypt is relatively high, with estimates suggesting that the disease affects approximately 7.5% of the population. The prevalence of COPD is higher among men than women, and it increases with age. Several factors contribute to the high prevalence of COPD in Egypt, including smoking, air pollution, and occupational exposure. Smoking is the most significant risk factor for COPD in Egypt, with approximately 25% of the population being smokers.



IMARI WILL MONITOR YOUR COPD 24/7 HELPING TO SAVE YOUR LIFE

IMARI TOTAL VITAL SIGNS HEALTH MONITORING 24/7 TO SAVE YOU LIFE

VITAL SIGNS



Heart Rate



Blood Pressure



Respiratory Rate



Health Risks



Cardiovascular
Disease Risk



Stroke Risk



Heart Attack Risk



HbA1c



Blood Glucose



Red Blood
Cell/Hemoglobin



Connected Egypt

Transforming Health Care Toward Decentralized And Connected Care Our Existing Health Care System Will Fall

Emerging challenges are threatening to destabilize our cherished healthcare system:

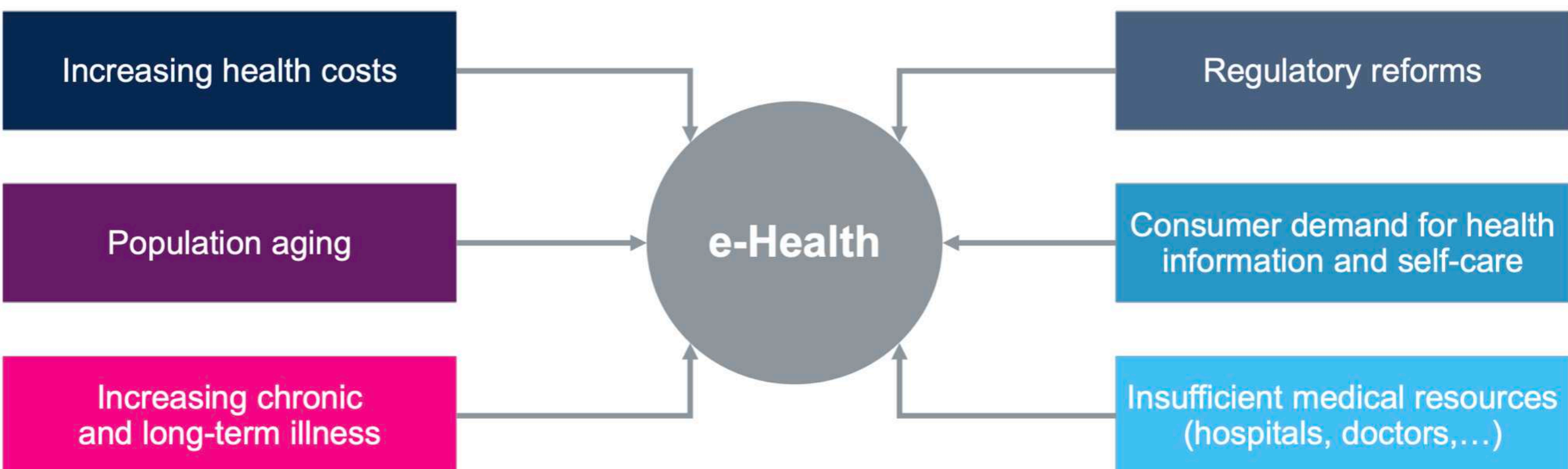
- Chronic conditions
- Aging population
- Increasing cost of labour
- Adoption of new, expensive medical technologies

Over the long term, our existing health care system Will not be able to meet Egyptians's demands



ImariMed e-Health Technology For Total Health Care Solution

Technology can help achieve more efficiency and cost reduction



Personalized
Health News

Curated. Customized.
Relevant.



Health &
Wellness
Products &
Services



Integrative
Healthcare
Team

You Choose Your Team



Individualized
Health
Programs

Step-by-Step Guidance

ImariMed New Tele-Health Virtual Integrated Care



Explore the Enabling Technology Behind Our Medical Solutions





TELE-HEALTH FOR CHRONIC DISEASES



Back Pain



Disc Injuries



Neck Pain



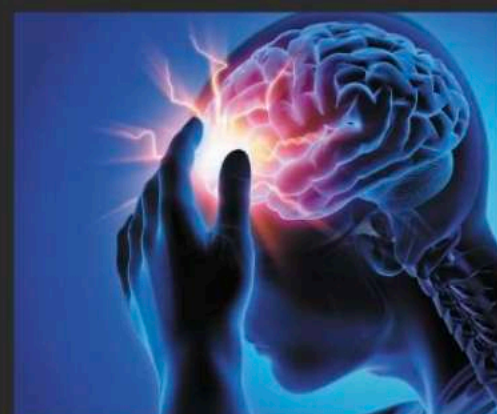
Shoulder
Pain



Sciatica



Limb Injuries



Headaches



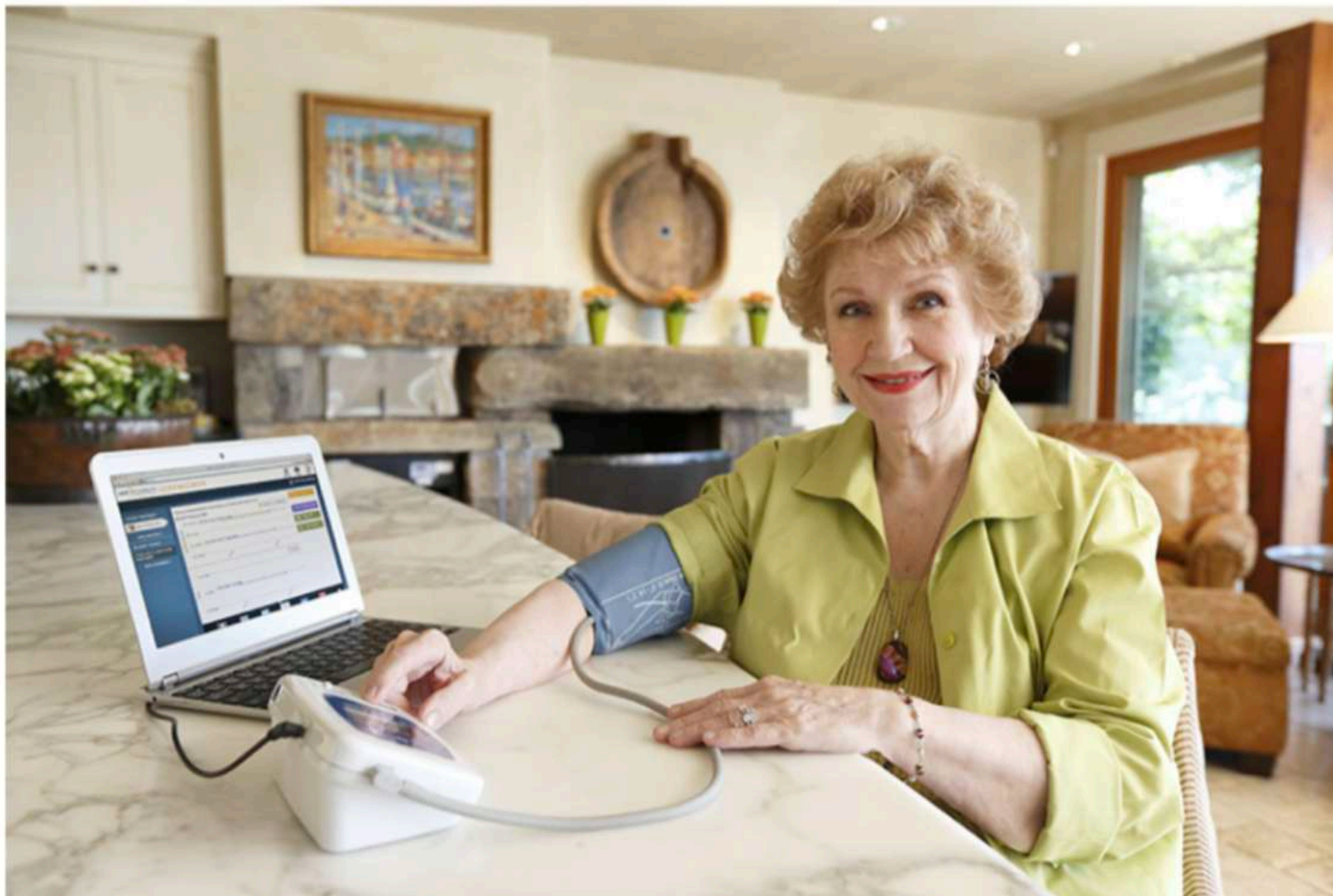
Sports
Injuries



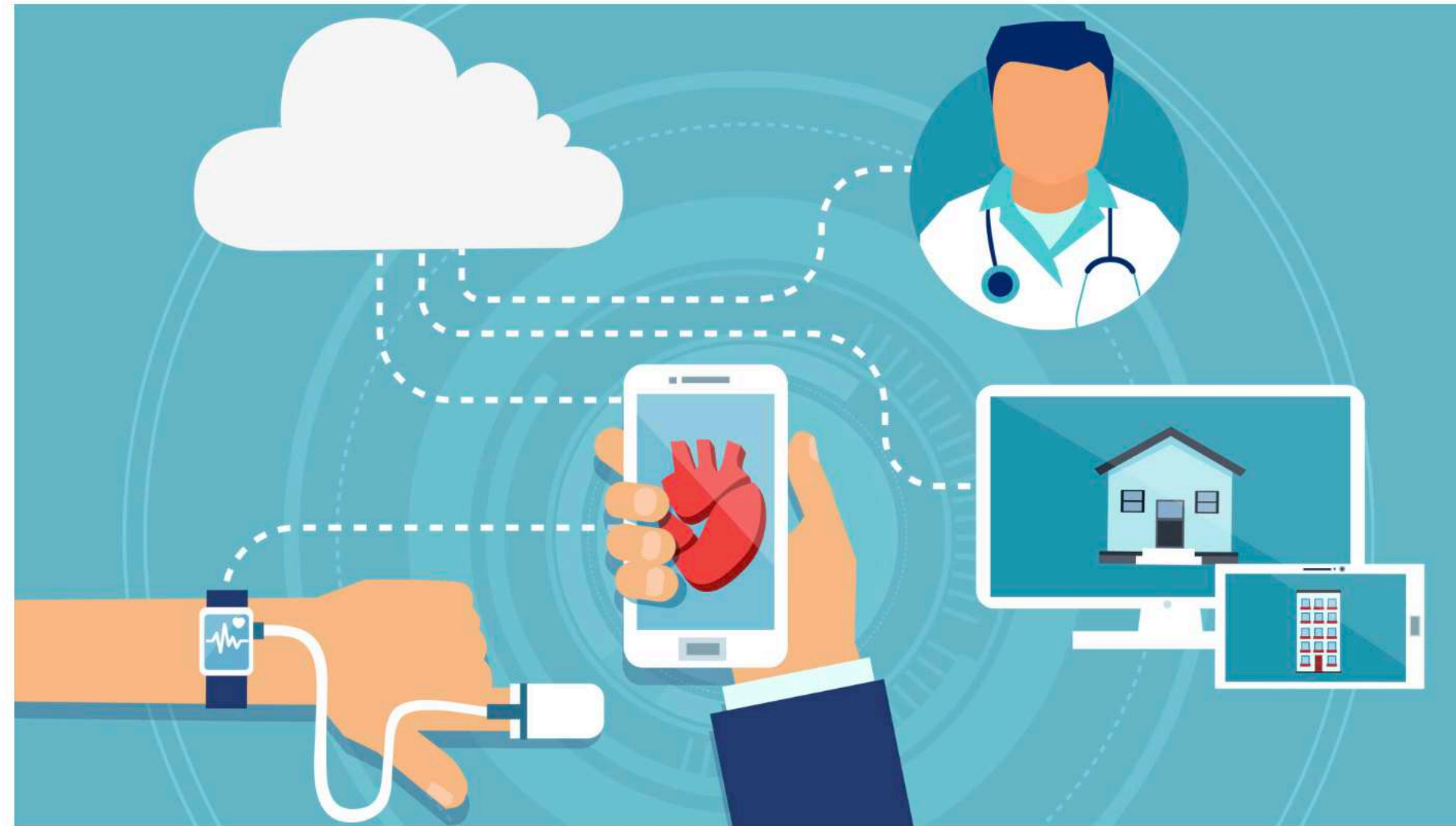
Work
Injuries

Home Telehealth

Improving patient care and critical outcomes.
Reducing readmissions and costs.



IMARI 24/7 HEALTH MONITORING



Benefits of IoT Remote Patient Monitoring



Prevention and Detection

remote patient monitoring realizes online diagnosis, follows the medication process, effectively record and analyze changes in the condition, and performs chronic care remote physiologic monitoring.



Real Time Monitoring

Based on the Internet of Medical Things technology and IoT medical devices, remote patient monitoring collects data of human body characteristics and home environment, so as to realize real-time monitoring of the health status and abnormalities of the elderly.



Remote Patient Monitoring Wearables

Wearable patient monitoring devices like wearable temperature measuring device is effectively used for tracking and protecting suspected cases of Covid-19.

By the numbers



Here are some critical facts to consider:

- According to the [National Council on Aging](#), 80% of adults age 65 and older have at least one chronic disease, and 68% have 2 or more chronic diseases.
- Chronic diseases account for 95% of healthcare costs in Americans 65 and older.
- Chronic diseases account for over 2/3 of all healthcare costs in the US.

By the numbers

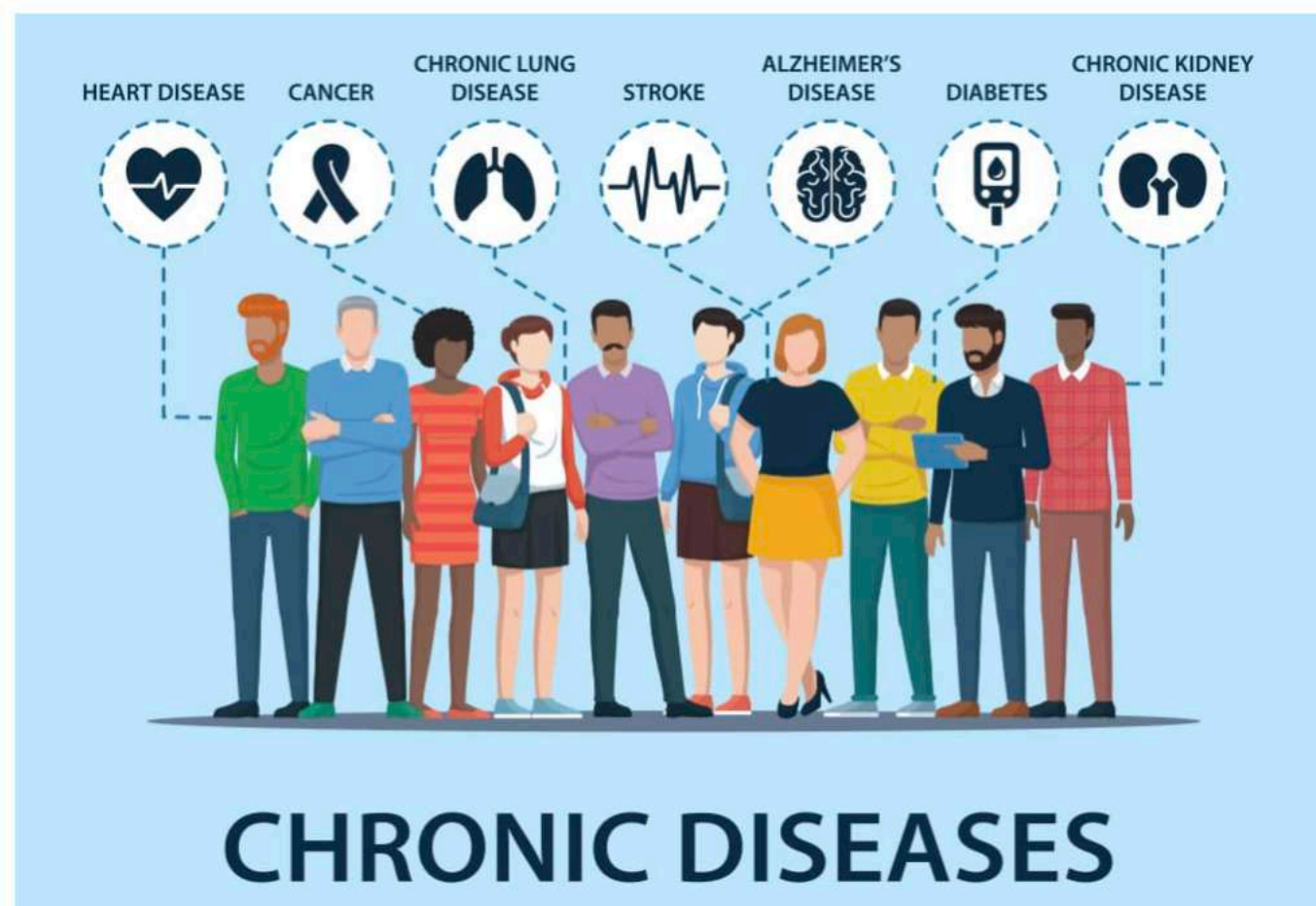
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Chronic diseases like diabetes, heart disease, stroke, and cancer have been and continue to be some of the major causes of worldwide morbidity and mortality. Now, as individuals live longer, the prevalence and cost of chronic disease continue to grow. **The estimated cost of chronic disease is expected to reach \$47 trillion worldwide by 2030, with Egypt cost 80 billion EGP.**

Despite overall health progress, WHO said that the increasing toll of NCDs meant that if the trend were to continue, by around 2050, chronic diseases such as cardiovascular diseases, cancer, diabetes and respiratory illnesses – will account for 86 per cent of the 90 million deaths each year: a staggering 90 per cent

ImariMed USE TELE - HEALTH TO MANAGE CHRONIC DISEASES



The promise of technology to help solve chronic disease management challenges

What is a Chronic Disease?

Chronic diseases persist for an extended period and may worsen over time. They can affect any part of the body and have a wide range of chronic disease symptoms, depending on the type of disease. Common chronic disease symptoms include diabetes, hypertension, heart disease, chronic obstructive pulmonary disease (COPD), cancer, and chronic skin diseases like eczema and dermatitis.

Smartwatches Move From Tracking Fitness to Monitoring Health

Wearable technology in health care: Getting better all the time

ImariMed smart watches help people monitor their health 24/7. People use smartwatches to monitor heart health, sleep quality, and chronic conditions. Over \$38 billion per year is spent on care for people with chronic diseases, such as cardiovascular disease, type 2 diabetes, and cancer.

Smartwatches generate real world data, and their popularity has exponentially increased — one in three people now own a smartwatch. These devices are marketed by the health and fitness industry as a positive lifestyle choice, referencing their ability to provide health information in real time.

Healthcare Utilization and Costs

People with multiple chronic conditions have complex health needs and therefore need more health care services than those without chronic conditions. Accordingly, persons with multiple chronic conditions are also the costliest patients, and costs increase with the number of chronic conditions. The cost of caring for complex patients strains the budgets of patients and families and health insurance plans.





Virtual Health

Virtual Health

For many employers, the COVID-19 pandemic created a more dispersed population, as the flexibility to work remotely became a new reality for many workers. This shift led companies to reevaluate their benefits, recognizing that employees need the ability to access care when, where, and how it's most convenient for them. In order to continue providing employees with easy access to high-quality care, many companies have turned to [virtual health](#).

In 2022, organizations are taking healthcare into their own hands by investing in integrated digital and in-person healthcare. By focusing on virtual health technology that interacts seamlessly with in-person offerings, employers can offer their people healthcare that guides them through every step of their care journey.

Virtual care that's always there

Virtual doctor visits are a cornerstone of virtual care management programs. These consultations enable patients to interact with healthcare providers via video calls, phone calls, or secure messaging platforms. The convenience of virtual consultations means that patients can schedule appointments that fit their schedules without the need for travel. Virtual consultations also facilitate quicker access to medical advice, which can lead to earlier diagnosis and intervention.

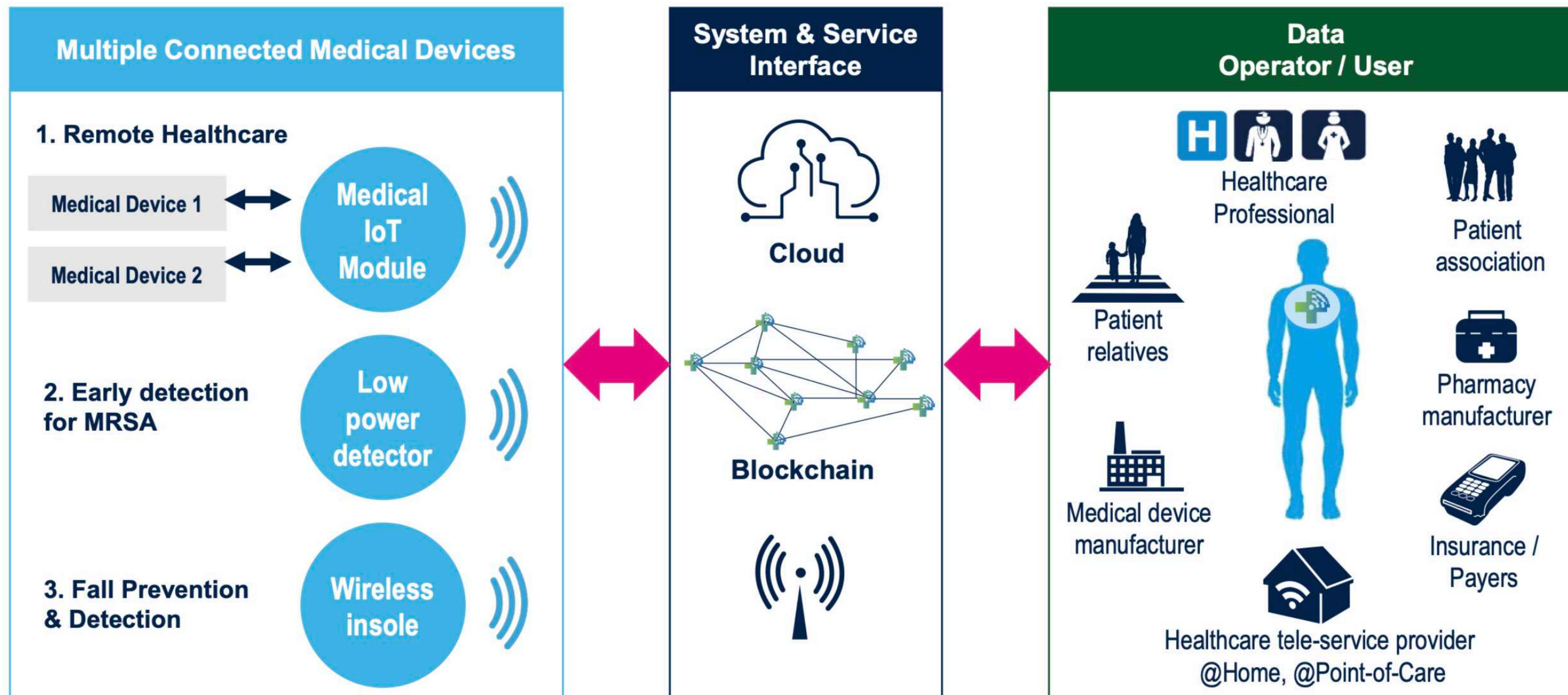
Remote Patient Monitoring

Remote Patient Monitoring (RPM) is a critical component of virtual care management. Patients can use wearable devices such as ImariMed smart health watches and other monitoring tools to track vital signs and health metrics, such as blood pressure, glucose levels, heart rate, oxygen level and more. This data is transmitted in near real-time to healthcare providers, allowing for continuous monitoring and immediate response to any abnormalities. Remote monitoring ensures that healthcare providers can keep a close watch on patients' health status, adjust treatment plans as necessary, and intervene early to potentially prevent exacerbations of chronic conditions.

Telehealth Services

Telehealth services extend beyond consultations and monitoring to include various aspects of healthcare delivery. These services can encompass virtual check-ins, remote therapy sessions, digital health education, and more. Telehealth platforms provide a comprehensive suite of tools that enable healthcare providers to deliver holistic care remotely. This broad range of services ensures that patients have access to the care they need without the logistical challenges associated with traditional healthcare visits.

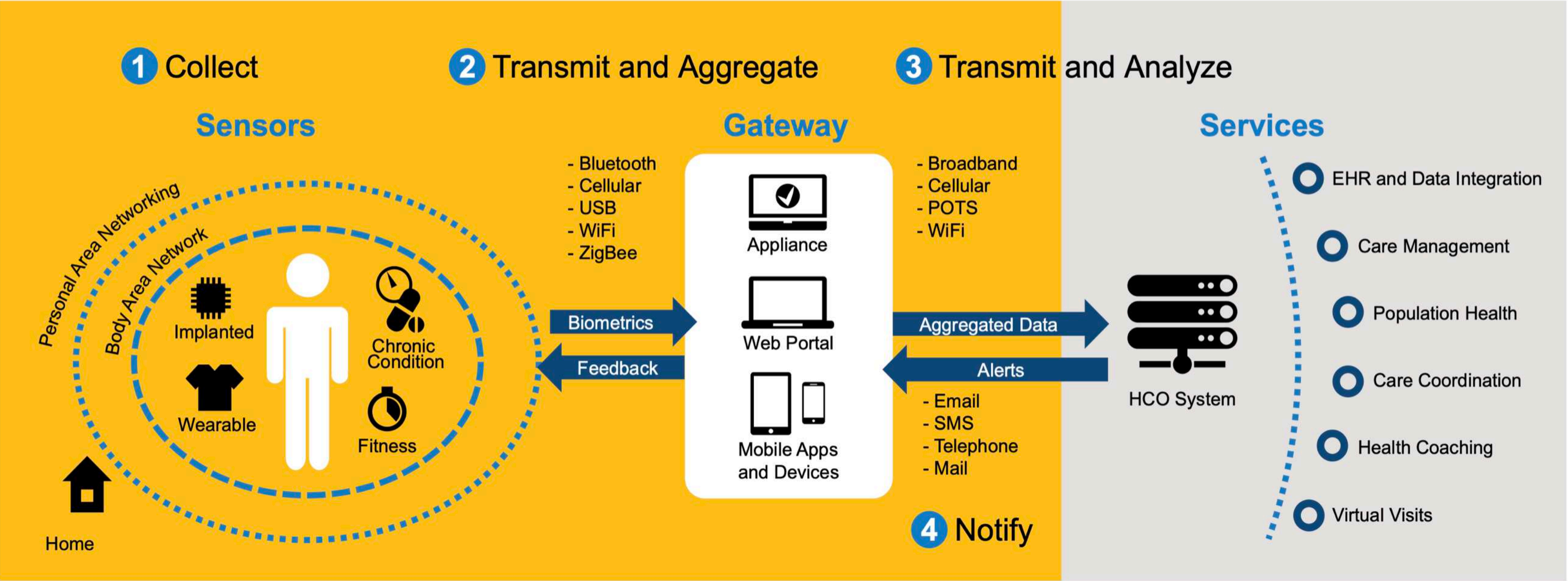
ImariMed Application Scenario For Virtual Connected Health Care



ImariMed CRONIC DESEASE CENTER

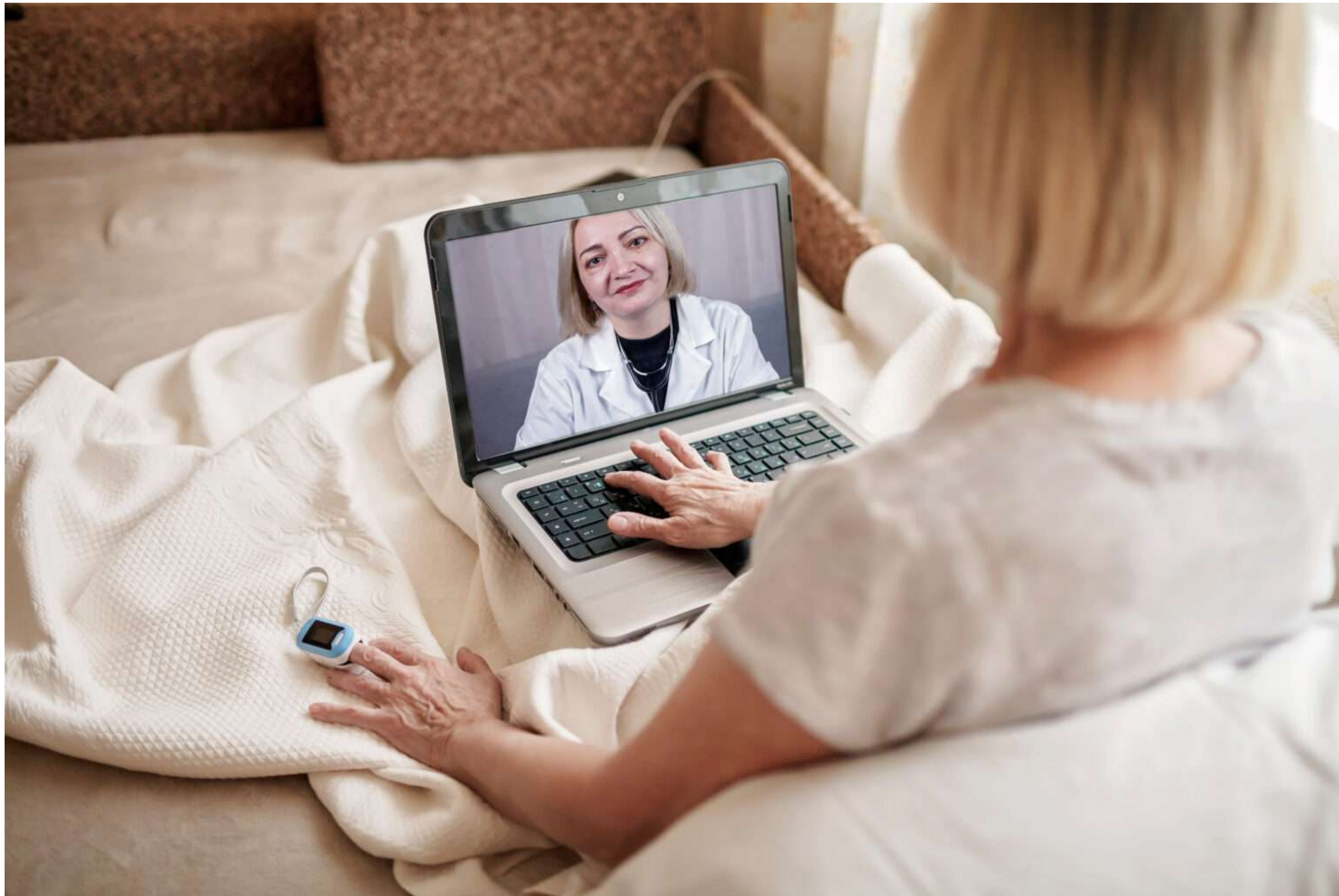
Consumer

Healthcare Organization



HOME TELE-HEALTH

IMAIMED HOME CONNECTED HEALTH



Our Mission

The mission of **ImariMed** chronic Disease Control center (CDCC) is to prevent and optimally manage chronic diseases to ensure all people can experience good health and well-being.

Many people have multiple chronic conditions which put them at greater risk for other chronic conditions, limits their ability to exercise or be a member of the workforce, and can lead to an early death. Forty percent of world population live with at least one chronic condition.

ImariMme CDCC has identified high blood pressure and diabetes control as a priority focus. CDCC will supports ongoing initiatives and activities to improve cardiovascular health by supporting evidence-based programs that promote healthy behaviors and healthy communities, and improves the prevention, diagnosis, and management of chronic disease.

Our CDCC staff will collaborate with local health departments, state and federal agencies, universities, non-government organizations and community-based organizations to prevent chronic disease from occurring as well as decreasing the severity and impact of a condition once it occurs.

Division of Chronic Disease and Injury Control

Chronic diseases are long-term illnesses that do not get better and do not go away on their own. They include diseases such as heart disease, asthma, diabetes, lung disease, cancer, kidney disease, stroke, arthritis, Injuries are caused by accidents (such as car crashes, falls, and sports injuries) or violence (such as gunshot wounds, suicides, and assaults).

A person's lifestyle and environment, in combination with genetics and other factors, can increase or decrease his or her chances of developing a chronic disease or suffering an injury. Both chronic diseases and injuries have a big impact on our lives. Chronic diseases consume more than 75 cents of every dollar spent on health care, and nine out of the top 10 causes of death can be linked to chronic diseases and injuries.

ImariMed Virtual Chronic Diseases Tele-Rehabilitation Center



PUSH ImariMed CHRONIC DISEASE CENTER



IMARIMED CHRONIC DISEASE REHABILITATION CENTER

**We Promotes The Art And Science Of Medicine and disease
Prevention for the betterment of public health.**

Your best protection is knowledge, management and prevention

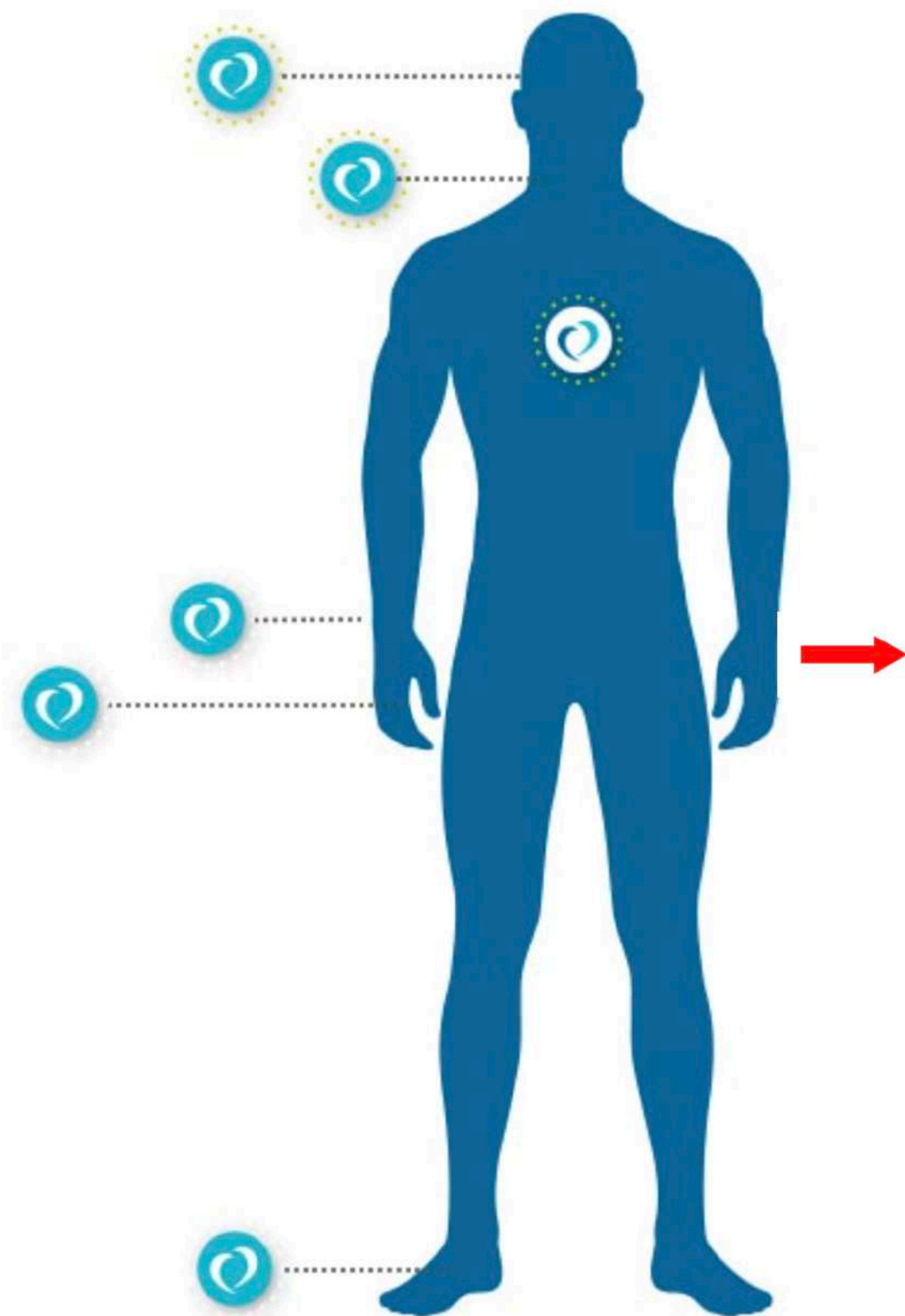
ImariMedCenter for
ConnectedHealth



*ImariMed Doctors Connected With Patients
In Our Re-habilitation center*



Connected Health
Human Health Monitoring Devices To Be Sent To
ImariMed Chronic Disease Center



WHY PHARMACISTS AND PRIMARY CARE PROVIDERS ARE BETTER TOGETHER



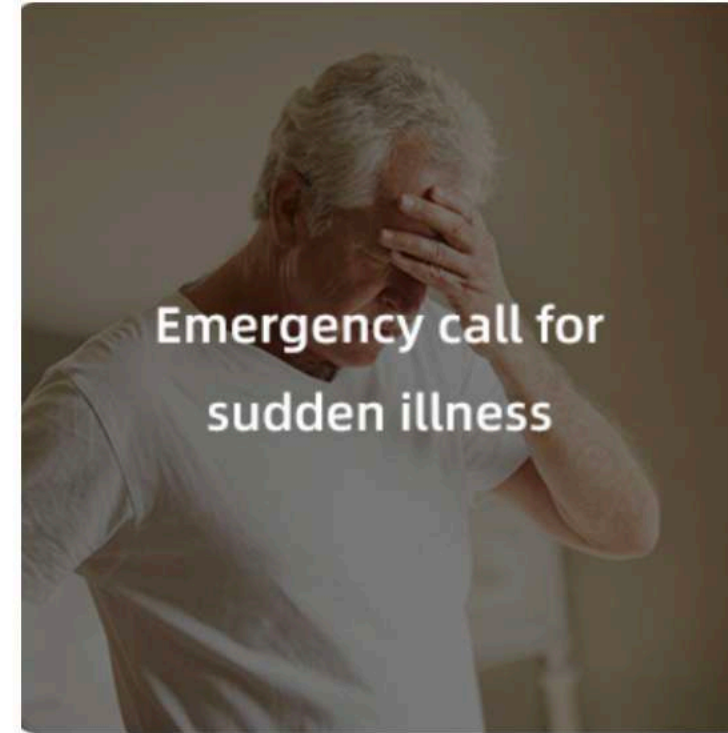
Behind the scenes at our health center, two highly trained groups are working together help you get the most out of your benefits. They're leveraging their expertise to find ways to save you money, using a wide array of data to understand your health, and strategizing the easiest way to help you start feeling better faster.

This two groups are pharmacists and our care providers and it's all made possible by the powerful integration between pharmacy and ImariMed.

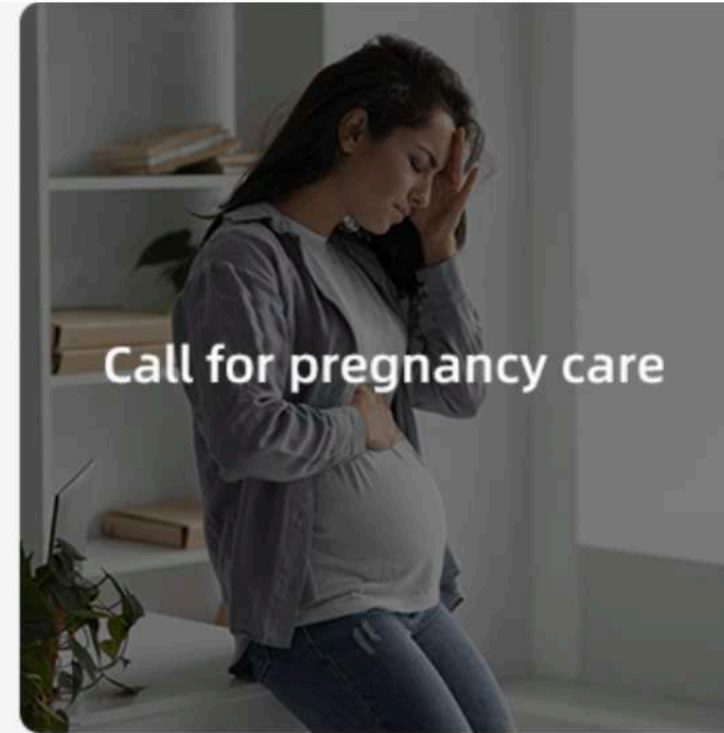
What we mean when we talk about integration

integration happens when different types of providers collaborate and share information to maximize the benefit for both the patient and the hole family This collaboration is important: While each provider might focus on different aspects of a person's health, each facet impacts the others in a domino-effect of health and wellness. Care teams can share patient records via an electronic health record (EHR), discuss a patient's health challenges in person to find an affordable solution, and make warm hand-offs to make sure that a member is never left to fend for themselves on their care journey.

ALERTS



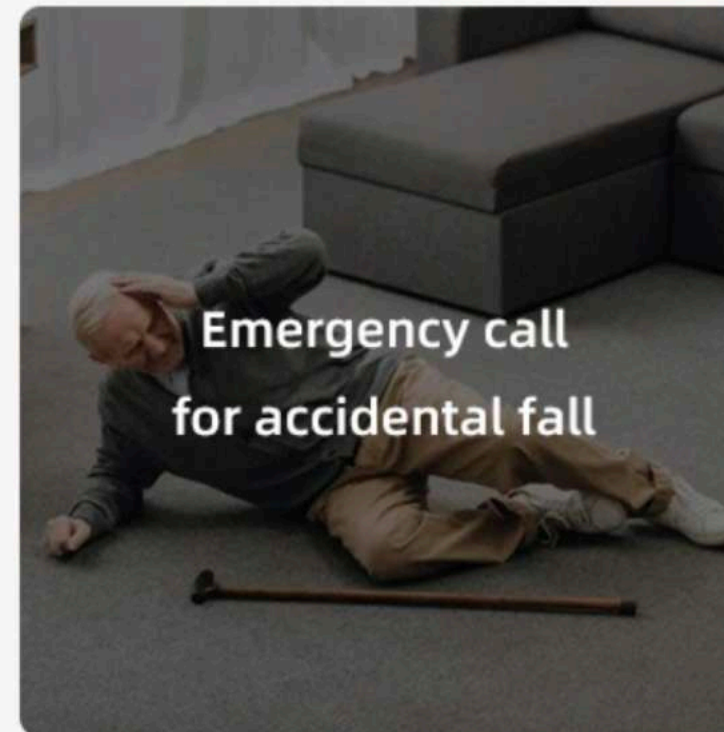
Emergency call for
sudden illness



Call for pregnancy care



Emergency call
for bed care



Emergency call
for accidental fall

***When You Have Health alert
Do Not call Multiple Resources
Just call single Source ImariMed***

WE WILL MANAGE YOUR HEALTH 24/7 WE WILL KNOW ANY ALERT AS IT HAPPENS

Home E-Health

Use Your TV For E-Health With Your Doctor



**Our Health Monitors Will Provide The Doctor
With The Main Information Of Your Health**

***Using ImariMed Connected In Home Health Care Solution
Will save You Up To 60% Of Hospital Admissions***

Personal health guidance

60%

reduction in
hospital admissions



***Using ImariMed Connected In Home Health Care Solution
Will save You Up To 60% Of Hospital Admissions***

ImariMed Family Physicians

Our family physicians are trained to provide comprehensive care. They care for all types of patients, often throughout their patients' entire lives. Family Medicine is the logical foundation for the Patient-Centered Medical Home.

Family physicians excel in helping patients prevent the onset of complex diseases. However, they are also trained to recognize and manage complicated acute and chronic diagnoses such as diabetes, heart disease, depression, obesity and cancer. Patients and their families, confronted with such illnesses, usually turn first to their family physician for help.

Family physicians are trained to seek to know the whole person, to know how family patterns and imbalances might affect the patient's well-being.



Family physicians are important because they:

- Care for a wide variety of medical problems. Coordinate care with other health professionals. Prioritize their patients' needs. Provide care to individuals within the context of family and community. Develop relationships over time and through multiple patient visits. Provide patient education. Use patient visits as opportunities for prevention and to identify problems.



Making Care More Affordable

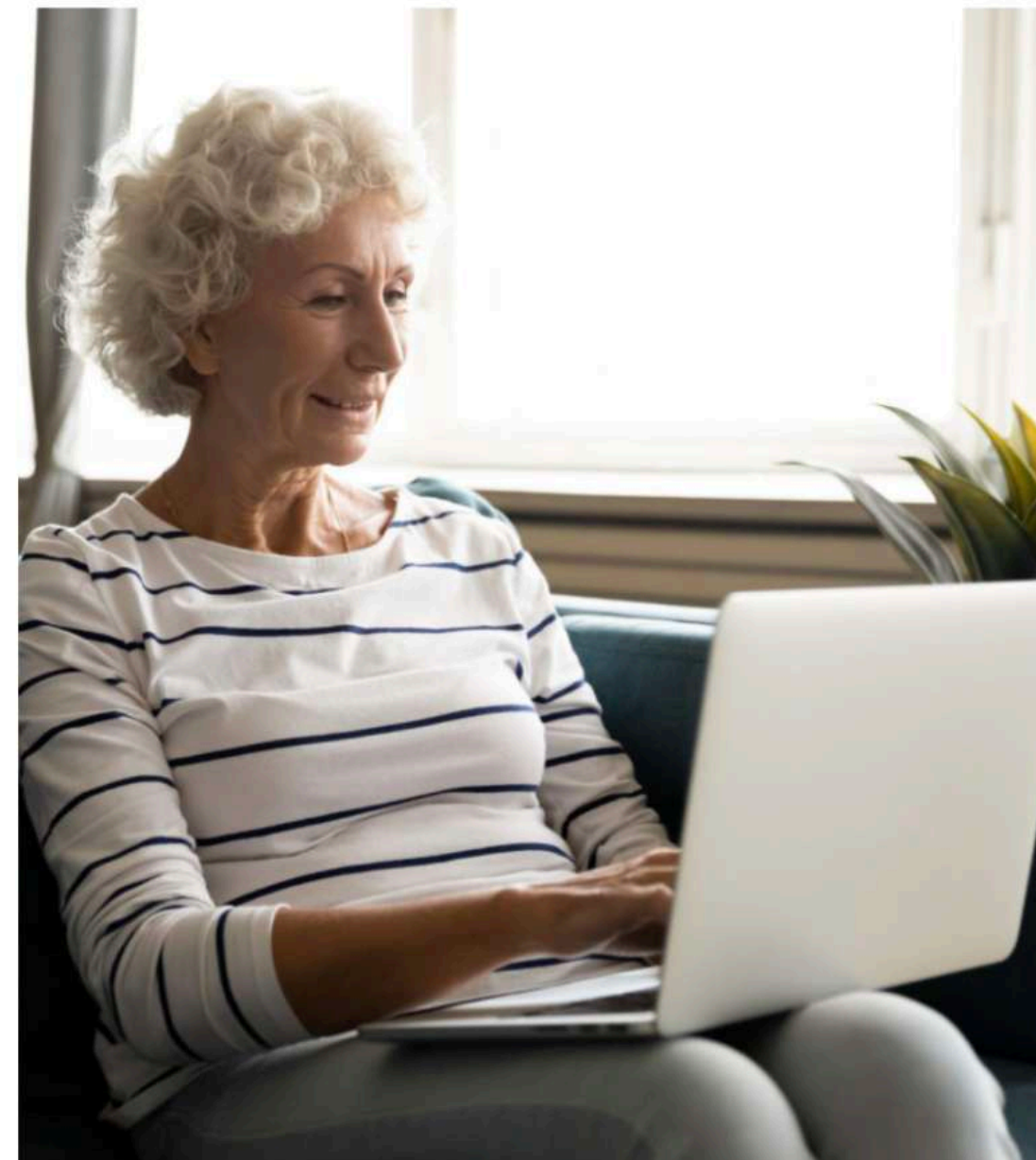
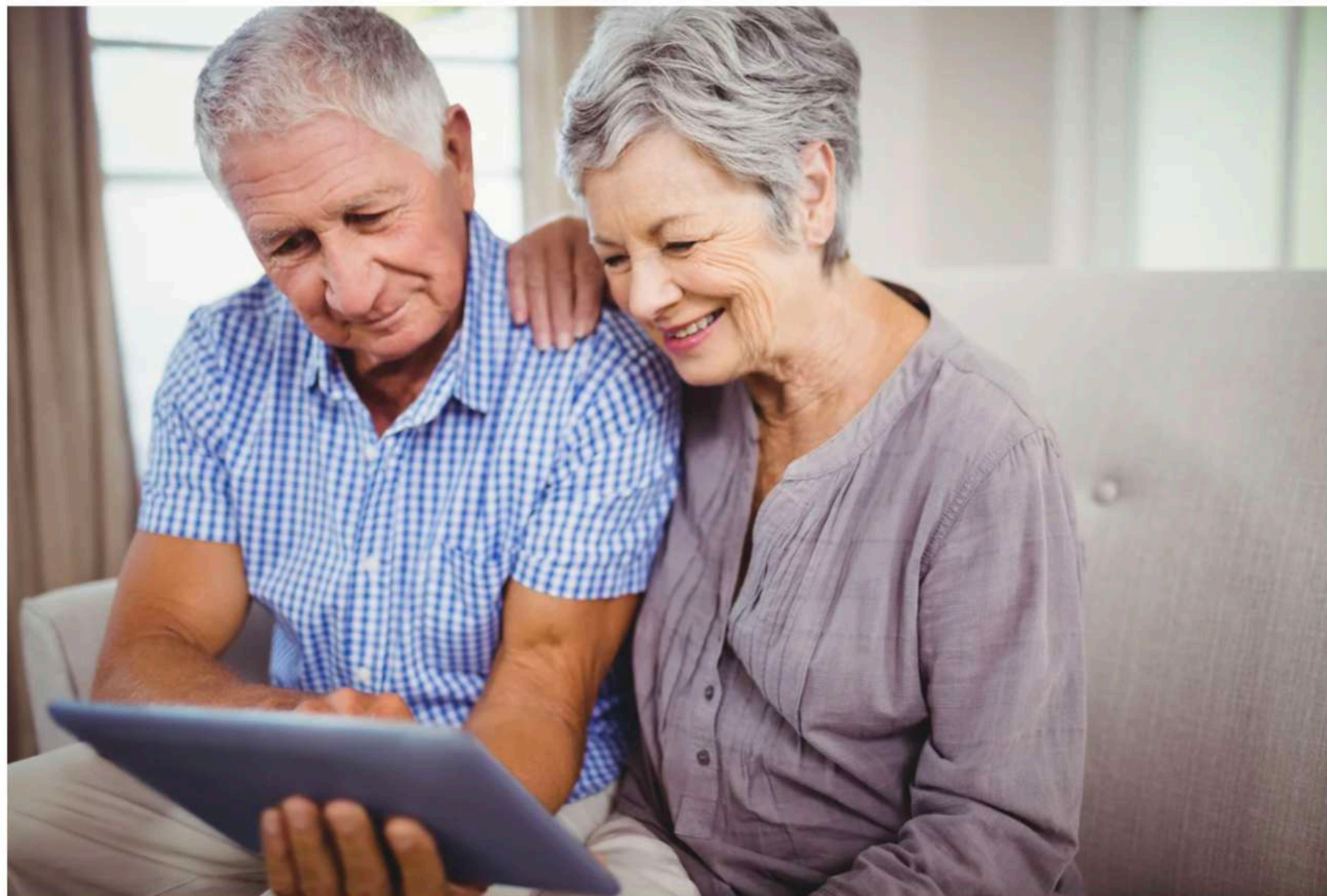
Telehealth Services

ImariMed offer you access to Telehealth Services – remote care through your desktop, mobile device or ALEXA voice activation. ***Available through our physicians tele-health enables connection and consultation with our best qualified physicians to address any number of health concerns, questions and issues you may have.***

The Right Care When You Need It Most

ImariMed gives you 24/7/365 access to chronic disease doctors through the convenience of your home using phone, video consultations ALEXA voice activation . It's an affordable alternative to urgent care and ER visits when you need care now.

Services that you receive from ImariMed are available in the convenient of your home But is not your only option for tele-health. You may also receive these services on an in-person basis or via tele-health,



ImariMed Assisted Seniors Living



ELDERLY CARE



In Home healthcare



Assisted living



**Community
Assistive Caregivers**



In-home Nursing



Delivery service

CONNECTED HEALTH

Hospital-at-home and care delivery outside of the hospital.

The IMARI concept of **hospital-at-home** and care delivery outside of the hospital. With the rise of telehealth and remote monitoring technologies, it is now possible to provide many types of care in a patient's own home. This not only helps to reduce costs, but also offers a more comfortable and convenient experience for patients.

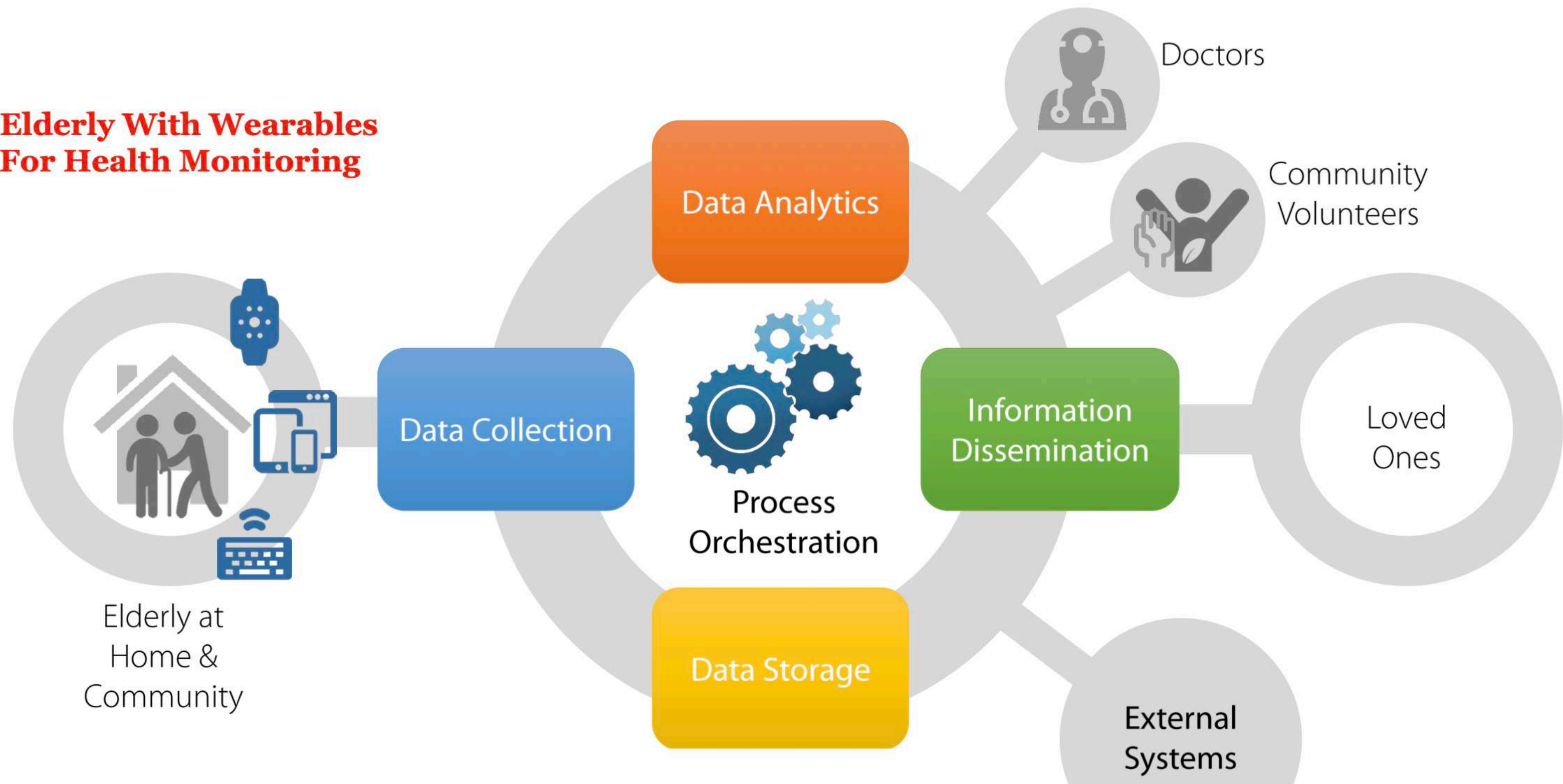
The **hospital-at-home** model is growing in popularity, as it has been shown to decrease readmissions and improve patient satisfaction. This model also allows for more efficient use of hospital resources, as patients can be discharged earlier and still receive the necessary care at home. In addition, **hospital-at-home** program have been shown to reduce healthcare costs by up to 50% compared to traditional hospital stays.

Telehealth technologies are also playing a key role in care delivery outside of the hospital. With the use of remote monitoring devices and virtual visits, patients can receive ongoing care and support from healthcare professionals without having to leave their homes. This is especially important for patients with chronic conditions, who require ongoing care and monitoring to manage their health effectively.

Wearable technologies can prevent, reduce or delay the exacerbation of chronic conditions through real-time monitoring. The use of wearable devices means that symptoms can be picked up earlier, and that patients can monitor their own health and capture data to aid physicians in their treatment and prevention plans.

ImariMed New All In One Connected Health Care Technology

ImariMed Tele-rehabilitation Center



ImariMed After the Hospital, A Post-Acute Care



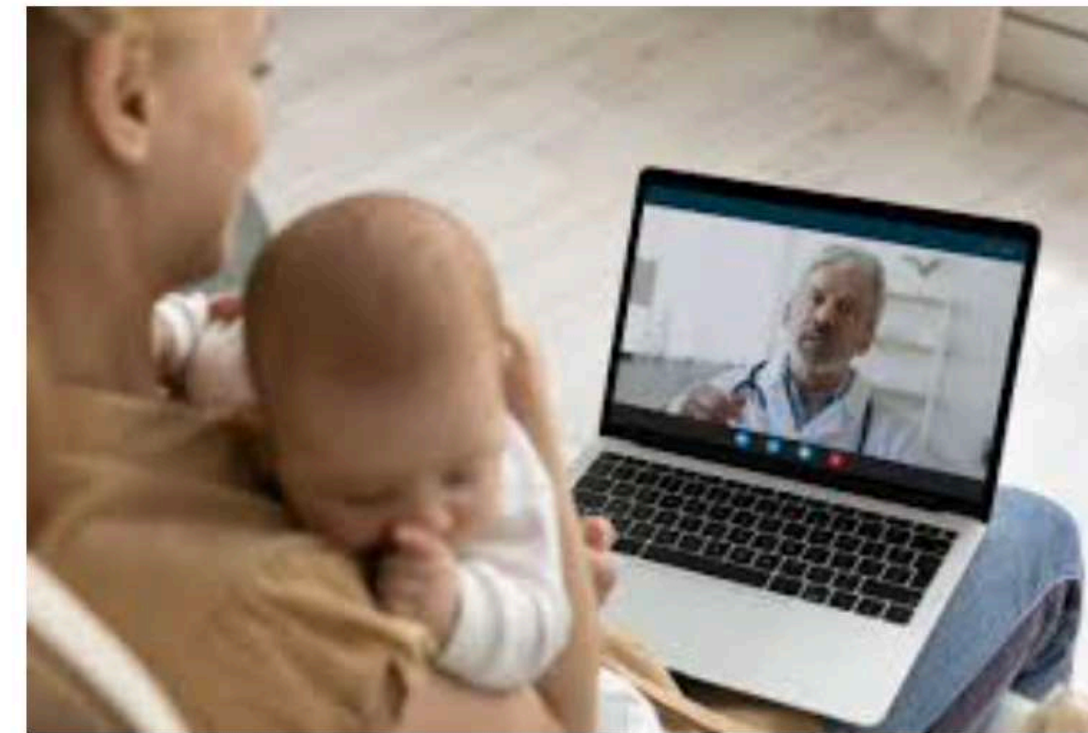
Following a hospitalization for injury or illness, many patients require continued medical care, either at home or in a specialized facility. Post-acute care refers to a range of medical care services that support the individual's continued recovery from illness or management of a chronic illness or disability. Post-acute care includes rehabilitation services that beneficiaries receive after a stay in an acute care hospital. Depending on the intensity of care the patient requires, treatment may include a stay in a facility, ongoing outpatient therapy, or care provided at home.

Hospital-at-home and care delivery outside of the hospital.

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SAVE LIVES

Customisable solution

Investing in prevention and focusing on outcomes over volume will reduce more costly types of care, while at the same time create financial incentives to reinvest in upstream prevention efforts. ImariMed designed and implemented the total tele-rehabilitation projects that work to prevent chronic disease development and progression in order to reap short- and long-term health and financial benefits.

