

Kalitheerthalkuppam, Madagadipet, Puducherry- 605107



The official podcast of SMVMCH

Name of Resource person: Miss. Sucharita S Sinhasan

Podcast Title : Startups in Medical field

SUCHARITA: Category: Research and Innovation

Department: Institute Innovation Council

TRANSCRIPT

Greetings everyone

Myself Sucharita Sinhasan currently a 2nd year MBBS student at manakula vinayagar medical College.,

Today, I would like to talk to you about the exciting world of startups in the medical field. The intersection of technology and healthcare has led to a wave of innovation that is changing the way we think about medicine and patient care. In the next few minutes, I will discuss the significance of medical startups, some key examples, and the potential impact on healthcare.

Medical startups have become a driving force for innovation in the healthcare sector. They are tackling some of the most pressing challenges in medicine, ranging from diagnostics and treatment to patient engagement and administrative efficiency. These startups often bring fresh perspectives, nimbleness, and a willingness to challenge the status quo, which can be a catalyst for positive change.

One of the significant areas of innovation is in diagnostics. Startups are developing cutting-edge technologies such as AI-powered diagnostic tools that can quickly and accurately detect diseases from medical imaging and lab results. For instance, PathAI, a startup, is working on improving the accuracy of pathology interpretations using artificial intelligence. This can lead to earlier and more precise diagnoses, potentially saving lives.

Kalitheerthalkuppam, Madagadipet, Puducherry- 605107

Telemedicine is another area where startups are making a huge impact. Companies like Teladoc and Doctor on Demand are providing virtual consultations, making healthcare more accessible and convenient, especially in remote or underserved areas. The COVID-19 pandemic accelerated the adoption of telemedicine, and startups played a pivotal role in meeting the increased demand for remote healthcare services.

Healthcare wearables and health tracking apps are also gaining popularity. Startups are creating devices and apps that allow individuals to monitor their health, from heart rate and blood pressure to sleep patterns and daily activity. These tools empower patients to take control of their health and provide valuable data to healthcare professionals for more personalized care.

Pharmaceutical innovation is not left behind either. Startups are working on novel drug delivery methods and therapies. One groundbreaking example is Moderna, a startup that developed one of the first mRNA vaccines for COVID-19, demonstrating the potential for rapid development of vaccines and treatments using this technology.

In addition to diagnostics and treatment, startups are improving administrative processes in healthcare. Companies like Zocdoc are simplifying appointment scheduling, while others are using blockchain technology to enhance the security and transparency of medical records.

The impact of medical startups goes beyond technology. They are contributing to the growth of the healthcare economy, creating job opportunities, and attracting investment. By fostering a culture of innovation, these startups are pushing larger healthcare institutions to adapt and evolve.

However, it's important to acknowledge the challenges that medical startups face. They often need to navigate complex regulatory processes, secure funding, and gain the trust of both healthcare providers and patients. The high stakes in healthcare also mean that failures can have significant consequences.

In conclusion, startups in the medical field are shaping the future of healthcare. Their innovations have the potential to make healthcare more accessible, accurate, and patient-centered. As we look to the future, we should support and encourage these startups to continue their work in revolutionizing the medical field, improving the lives of patients, and advancing the state of healthcare worldwide.

Thank you for your attention.

I hope I could shed some light on the topic Start ups in medical field.



Signature of the Resource Person

Signature of the HOD