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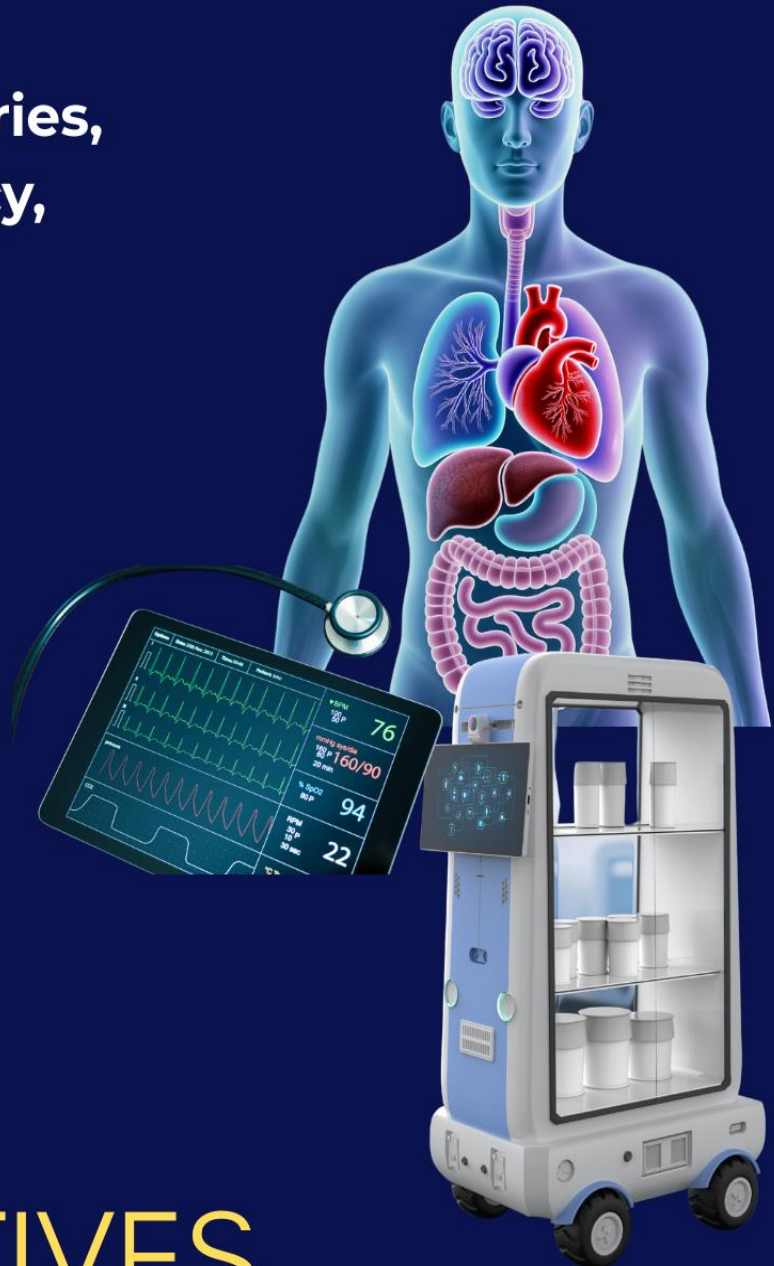
# The International Journal of

## SOCIAL GOOD AND INNOVATION FOR YOUTH

### **Patient Stories**

Sharing patient stories,  
cultural competency,  
biophilic design in  
healthcare spaces

### **Empowering Patients through Technology**



# FUTURE PERSPECTIVES IN MEDICINE

*Robotics and AI in Medicine*

“STEM opportunities, as provided through this journal, challenge the status quo by opening doors and breaking down walls. It is a call to action: to democratize science and ensure that every student, regardless of background, has the chance to participate.

This journal is designed to be a launchpad for student research, a place where young scientists can publish their findings, share their insights, and connect with a broader community. By providing access to publication and mentorship, the journal helps students navigate the often-intimidating world of academic science. It recognizes that brilliance isn't confined to elite institutions or expensive labs - it can be found in classrooms, garages, and even kitchen tables. All it needs is a platform.”

**Imran Allarakhia, Senior Editor, International Journal of Social Good and Innovation for Youth.**



**Engaging Teens Through Stem: Inclusion, Getting Beyond Apathy and Designing the Curriculum for Purposeful Learning**

**PRE-PRINT****Medicine: Transparency, Empathy, and Hope for Those in Need****By Mohammed Abdul Samad****Pre-Med Student, Georgia**

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*My grandparents' struggles have become my purpose-to become a healthcare provider who not only practices science, but also brings honesty, empathy, and hope to those who need it most.*

I never understood the fragility of life until I was thirteen and saw my grandfather gasping for breath. He collapsed in our living room, struggling to breathe and clutching his chest in pain. His face turned pale. All of us were filled with fear and anxiety. We rushed him to the nearest hospital, but a cardiologist was not available. As a result, we had to wait for considerable time for a surgeon to arrive from another city. That day, I realized the significant role doctors play in saving lives and the need for effective healthcare access.

When my grandfather was diagnosed with three blocked coronary arteries, he underwent bypass surgery. It was heartbreaking to see a strong and independent man now needing help with even simple tasks like sitting and walking. He had chest pain, swollen legs, and an open wound on his left leg from the surgery. We had to dress his wound daily, which I tended to. I truly valued helping him with whatever he needed. This sparked my interest in medicine and serving others. Watching him fight through pain each day taught me that healing is not only physical, but also emotional and mental.

Years later, we faced another challenging situation involving my grandmother. She had always been healthy, apart from kidney stones. Unexpectedly, she developed chills and a fever because of the kidney stones. We took her to our regular doctor. Instead of addressing the actual problem, he kept calling her back for repeated tests and unnecessary checkups. The underlying cause was ignored until it was too late. The untreated kidney stones led to complete kidney failure. She had to undergo dialysis and remained on it for seven years, which was incredibly hard for her and for our family both physically and financially. Sadly, she passed away at a very young age. Watching her suffering made me think about how devastating it is when patients do not receive the care they need, and how much families depend on doctors not only for treatment, but also for transparent engagement and a relationship based on trust.

These two experiences shaped who I am today. At first, I feared losing the people I loved most and not knowing how I could help them. But that fear turned into motivation. I started asking doctors questions and learning about the heart, the kidneys, blood flow, and healthy diets. I read articles, watched videos, listened to podcasts, and asked my science teachers for extra materials. I wanted to understand not only how the body works, but also how healthcare providers make decisions and care for their patients.

Since then, I have pursued my goals with determination. I want to be a doctor who can do more than help patients survive. I want to help them heal, live fully, and bring care to communities where healthcare is difficult to access including by engaging allied healthcare professionals and by leveraging emerging technology. My grandparents' struggles have become my purpose-to become a healthcare provider who not only practices science, but also brings honesty, empathy, and hope to those who need it most.