

## Healthcare without health insurance: a progress report on the peer to peer healthcare payment platform architecture

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### Abstract

A complete review of literature on healthcare policy and cost analysis is beyond the scope of this report. The lecture notes (HBS) are useful in understanding the fundamental difference between healthcare market and other consumer services markets. We observe the prevalence of externalities in healthcare: "In the presence of externalities, society's interest in a market outcome extends beyond the well-being of buyers and sellers who participate in the market to include the well-being of bystanders who are affected indirectly". These externalities can call for government action to remedy the market failure. In his controversial book (Goldhill), Goldhill questioned the inherent contradictions in the present healthcare system in US. He proposed a Catastrophic Insurance model where the role of surrogated agents (private insurance and Medicare) will be diminished. However, at this time, there is no model of healthcare where patients can directly negotiate with the providers.

M. L. Bose Memorial Health Foundation, Inc., "Foundation", was established on the belief that "healthcare is a human right". It looks for innovative ways to provide healthcare to underserved population. In 2019, there are 28.9 million people in the USA who cannot qualify for Medicare, Medicaid or Private insurance (Tolbert). Even Affordable Care Act does not help them. The Foundation tries to identify this group by interacting with hospitals/Emergency Department (ED), community service providers, and then coordinates with service providers to ensure uninsured patients obtain necessary services.

### Biography

Ashoke Bose is a member of the cohort alpha (2020) of Executive Master of Health Administration, Sloan Program of Health Administration at Cornell University. He is also the founder of M. L. Bose Memorial Health Foundation, Inc. ([www.mlbosememorial.org](http://www.mlbosememorial.org)) in USA. Prior to joining Cornell University, he was a Senior Manager at IBM Corporation (2007-2015) where he managed a team of developers for data storage systems. In 2016, he focused his research interest on health economics. He proposed the theorem of "Pairing Members" which is the foundation of "Peer to Peer Healthcare Payment System" in 2018 when he was working at United Health Group as an independent consultant. He is actively engaged in developing P2P healthcare payment system for a public healthcare project in Syracuse, NY, USA.

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