



Biomedical Informatics Grand Rounds
Wednesday, September 14th, 2022 3:00 pm – 4:00 pm

**Healthcare AI: Augmenting Clinical Workflows,
A Trend Towards Zero-Click**

Benson A Babu, M.D., MBA, FACP
Hospital Medicine Physician at Good Samaritan Medical Center,
A Westchester Network in New York.

Remote Access: Join Zoom Meeting

<https://stonybrook.zoom.us/j/95617197636?pwd=KytzZ2pVRG9SZGpKZUtpNXJISjNjZz09>

Meeting ID: 956 1719 7636 Passcode: 924293

Bio: Dr. Babu has been a hospital medicine physician for 15 years and is currently at Good Samaritan Medical Center, a Westchester Network in New York. He has a physician executive MBA from the University of Tennessee that focuses on Lean Six Sigma and hospital operations. He's studied AI system design for healthcare and machine learning at Harvard and MIT and enrolled in their data science master's program. He also completed Coursera courses in natural language processing and computer vision. He is certified by the American Board of AI in Medicine. He speaks at various AI-based international conferences on the current state-of-the-art applications of AI for healthcare and is a reviewer for several research journals for AI. He has recently published a book titled "Autonomous Healthcare: Advanced Provider- Assistance Systems the Age of Intelligence". His AI interests are manual process automation, augmenting clinical workflows, computer vision, and ambient intelligent applications for healthcare.

Abstract: Healthcare delivery is complex, and it consumes a substantial part of the US GDP costs. Provider workflows are challenging and chaotic at times. There is a large demand to provide value-based care, which delivers high value at a lower cost. We are currently in the "Data" "Healthcare 4.0" era of care, though nascent AI is an emerging technology that can provide this value, improve patient outcomes and experience, and reduce provider burnout by eliminating manual data entry tasks.

Learning Objects: Upon completion, participants should be able to:

- Identifying the emerging trends in healthcare AI innovations
- Understanding its potential uses case in healthcare
- Outlining the need for ROI and improvement in clinical outcomes in the real world
- Challenges
- Future AI applications
- Industry use case

Disclosure Statement: The speaker Dr. Babu has a relevant financial relationship with AIdoc use cases, VizAi use cases, Enlithic use cases, Advanced Provider Assistance Systems: Autonomous AI, The Age of Intelligence Book royalty.

Continuing Medical Education Credits: The School of Medicine, State University of New York at Stony Brook, is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians. The School of Medicine, State University of New York at Stony Brook designates this live activity for a maximum of **1 AMA PRA Category 1 Credits™**. Physicians should only claim credit commensurate with the extent of their participation in the activity.