Abstract Submission Form 2019 #9

**Salutation: ** *	Dr.
**First Name: ** *	vikrum
**Last Name: ** *	malhotra
**Clinic/Company: ** *	Rp-automation Inc
**Role: ** *	Founder
**Phone Number ** *	
**Email Address: ** *	

**Type: ** *	Concurrent Session

**Salutation: ** *	Dr.
**First Name: ** *	vikrum
**Last Name: ** *	malhotra
**Role: ** *	Founder
**How long have you been using an EMR? ** *	15 yrs

Salutation:	Dr.
First Name:	Arjun
Last Name:	Malhotra
Role:	Founder
How long have you been using an EMR?	5 yrs

Salutation:	
First Name:	
Last Name:	
Role:	
How long have you been using an EMR?	

Who is your target audience? *	New EMR Users Intermediate EMR Users Advanced EMR Users
Abstract Title: *	Using AI Automation to Improve the Health Costs, Revenue and Outcomes
Learning Objectives: *	1. Practice management
	2. Ontario Health Team Process Automation
	3. Artificial Intelligence Healthcare Implementation

Abstract: *

The application of artificial intelligence in the medical field holds great potential for improving patient health. AI can be instrumental in the process of diagnosing, treating and preventing disease. The major priorities for the healthcare industry are to decrease cost and improve efficiency. An important contributor to improving performance is automating manual tasks. Robotic process automation (RPA) is a novel form of AI which automates repeatable tasks
It creates efficiencies through software robots to streamline clinical and administrative workflows to allow for more time for frontline care. This results in reduced costs, increased efficiency and enhancing patient care.

As we move towards consolidation of care, process automation robots solve interoperability problems as they are given a username and password to work behind firewalls. We believe that using a combination of approaches, such as operational AI, can connect patient data and allow organizations to utilize it effectively. These process robots can be considered care extenders which have been proven to reduce costs, improve productivity, improve access while maintaining quality of care.

Ontario Health Teams (OHT) is a new model of integrated care delivery that will allow

patients, communities, providers and leaders to evolve into a value based health care system. Healthcare providers will be able to work together as a team and be able to deliver coordinated standardized care for patients through OHTs. As the population grows, the providers have higher volumes of work and are seeking solutions for this workload. Patients can correspond and automation can improve patient communication and accountability due to 24/7 real time responses. This form of operational AI has also emerged as a real solution to physician burnout.

Physicians and healthcare systems have different operating systems and this solution allows for a practice management tool to operate above all layers of existing software workflows to improve adoption rates. These programs have the ability to decrease the time it takes to complete administrative tasks, thus reducing staff turnover and decreasing burnout. These programs have the ability to allocate staff to more meaningful frontline care. This ultimately leads to an improved user experience for workers, as well as increasing engagement and retention.

The use of digital health applications is continuing to expand beyond the traditional means of providing healthcare. We believe that reimbursement policies will aid in expanding this application and allow us to improve management of patient care. We are creating the correct tools and environment to improve the quality of care we provide to patients and make OHTs a successful model of care.

How did you hear about the Call for Abstracts *   OntarioMD Staff

Please Specify *

Who referred you? *