

PATHOLOGY GRAND ROUNDS and DIAGNOSTIC SLIDE SEMINARS



Hooman H. Rashidi, MD

Professor, Pathology & Lab Medicine; Vice-Chair
Informatics and Computational Pathology; Vice-Chair,
Graduate Medical Education, Path & Lab Medicine
UC Davis School of Medicine

GRAND ROUNDS LECTURE

“Automated Machine Learning & the Introduction of the MILO” (Machine Intelligence Learning Optimizer)

Thursday, September 17, 2020

12:30 p.m.

Zoom Meeting ID: 961 3215 8524

Password: emailed separately

Host: John Sinard, MD, PhD



There is no corporate or grant support for this activity. This course will fulfill the licensure requirement set forth by the State of Connecticut.

ACCREDITATION

The Yale School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

TARGET AUDIENCE

Attending physicians, researchers, house staff, fellows, residents, medical students, nurses.

NEEDS ASSESSMENT

This talk will focus on supervised machine learning and automated machine learning within the health care discipline. The presenter will show studies which demonstrate how such platforms guide translational studies in various clinical context.

LEARNING OBJECTIVES

At the conclusion of this activity, participants will be able to:

- Understand supervised Machine Learning (ML)
- Describe how different algorithms within supervised ML platforms are used to build predictive models.
- Understand how such algorithms can be automated with a mix of unsupervised and supervised ML methods and algorithms, respectively through the MILO Auto-ML platform.

DESIGNATION STATEMENT

The Yale School of Medicine designates this live activity for 1 AMA PRA Category 1 Credit(s)™. Physicians should only claim credit commensurate with the extent

of their participation in the activity.

FACULTY DISCLOSURES

Speaker Name: Hooman Rashidi, MD - IP rights MILO
Course Directors: Manju Prasad, MD - NONE

Kurt Schalper, MD, PhD - NONE
Gopal Pallavi, MD, PhD - NONE

It is the policy of Yale School of Medicine, Continuing Medical Education, to ensure balance, independence, objectivity and scientific rigor in all its educational programs. All faculty participating as speakers in these programs are required to disclose any relevant financial relationship(s) they (or spouse or partner) have with a commercial interest that benefits the individual in any financial amount that has occurred within the past 12

months; and the opportunity to affect the content of CME about the products or services of the commercial interests. The Center for Continuing Medical Education will ensure that any conflicts of interest are resolved before the educational activity occurs.