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COMMUNITY  
HEALTH CENTER

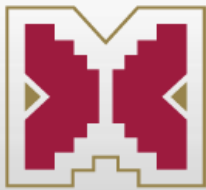


# Human Diagnosis Project, Mariposa

## *The Early Experience*

Eladio Pereira, MD, MBA, FACP, Chief Medical Officer  
Janet Olivarria, Manager of Quality Improvement  
Mariposa Community Health Center

**Best Practices Forum**  
**March 24, 2018 | New Orleans, LA**



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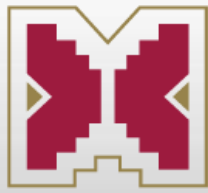
# Acknowledgments

- Human Diagnosis Project Staff



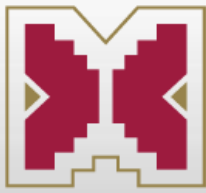
- NACHC (support, etc.)





# Human Diagnosis Project

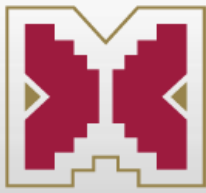
- A worldwide effort created with and led by the global medical community to build an open intelligence system that maps the steps to help any patient.
- The purpose: to increase diagnostic accuracy, reduce the need for specialty consults by providing curbside consultations, mentorship and peer review.
- Today, more than 7,500 doctors from over 80 countries, 40 specialties, and 500 medical institutions are involved in building the Project.
- Support from AMA, ABIM, NACHC, MCN, ACU and AAMC.



# The Human Diagnosis Project

Use for clinical purposes by clinicians

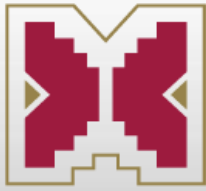
- Easy to use
- Participation of multiple collaborators
- Enhance learning, support and retention
- Web or smartphone application



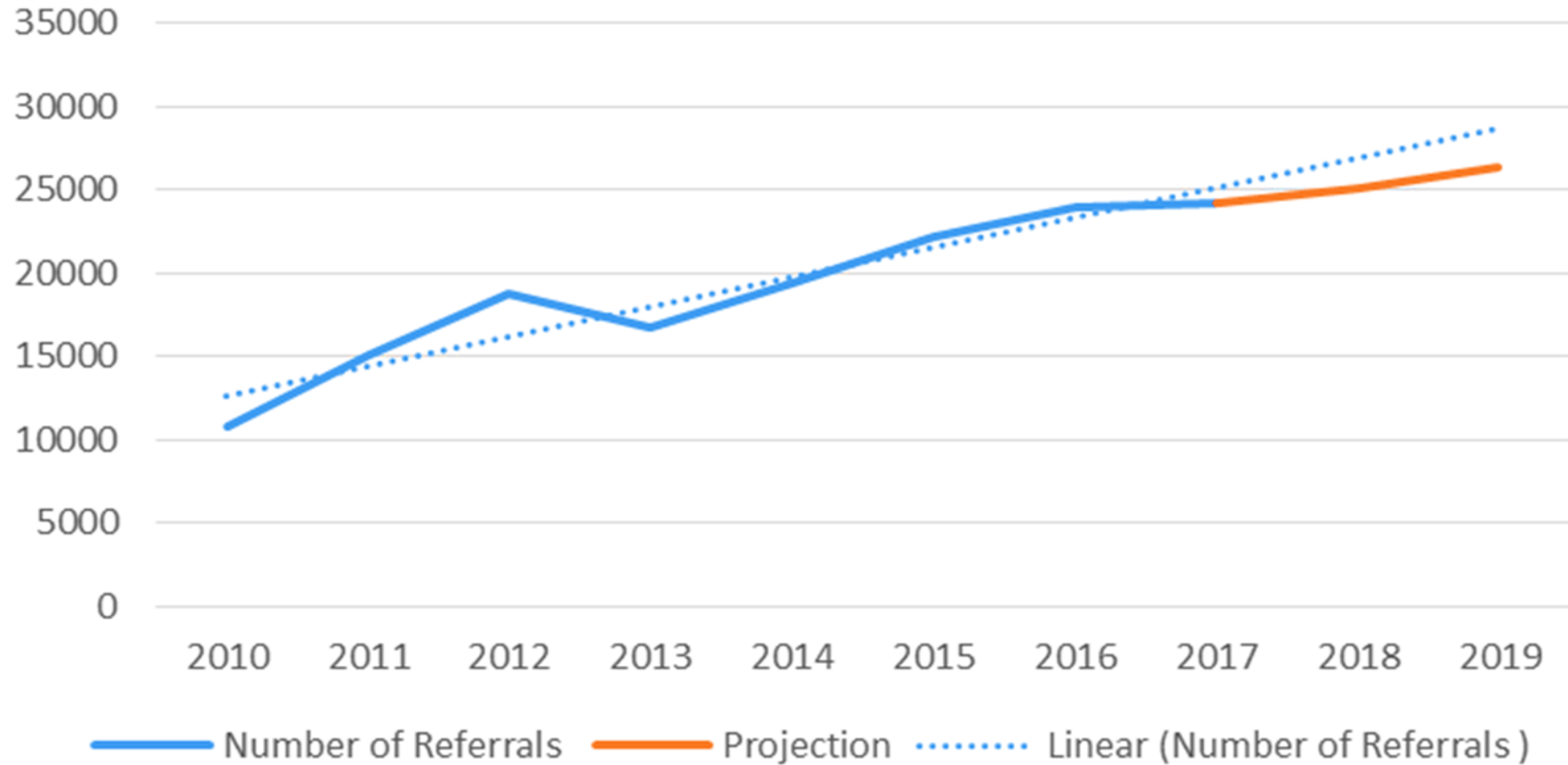
# The Human Diagnosis Project

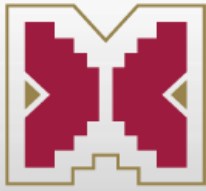
## Curbside consults:

- Real-time or asynchronously
- Remotely
- Enhance the quality of care
- Reduce the number of referrals
- Enhance the patient experience
- MOC credit from the American Board of Internal Medicine
- Diagnostic accuracy



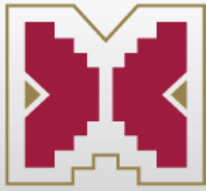
## Referrals Data





# Mentor and support new providers

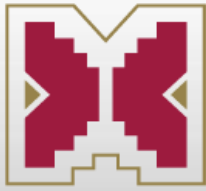
- Provides tools and guidance on cases
- Support during difficult times
- Reduce stress and anxiety



# Integrate Peer Review

- Submission of complex cases for input
- Participation of multiple peers
- Electronic tracking

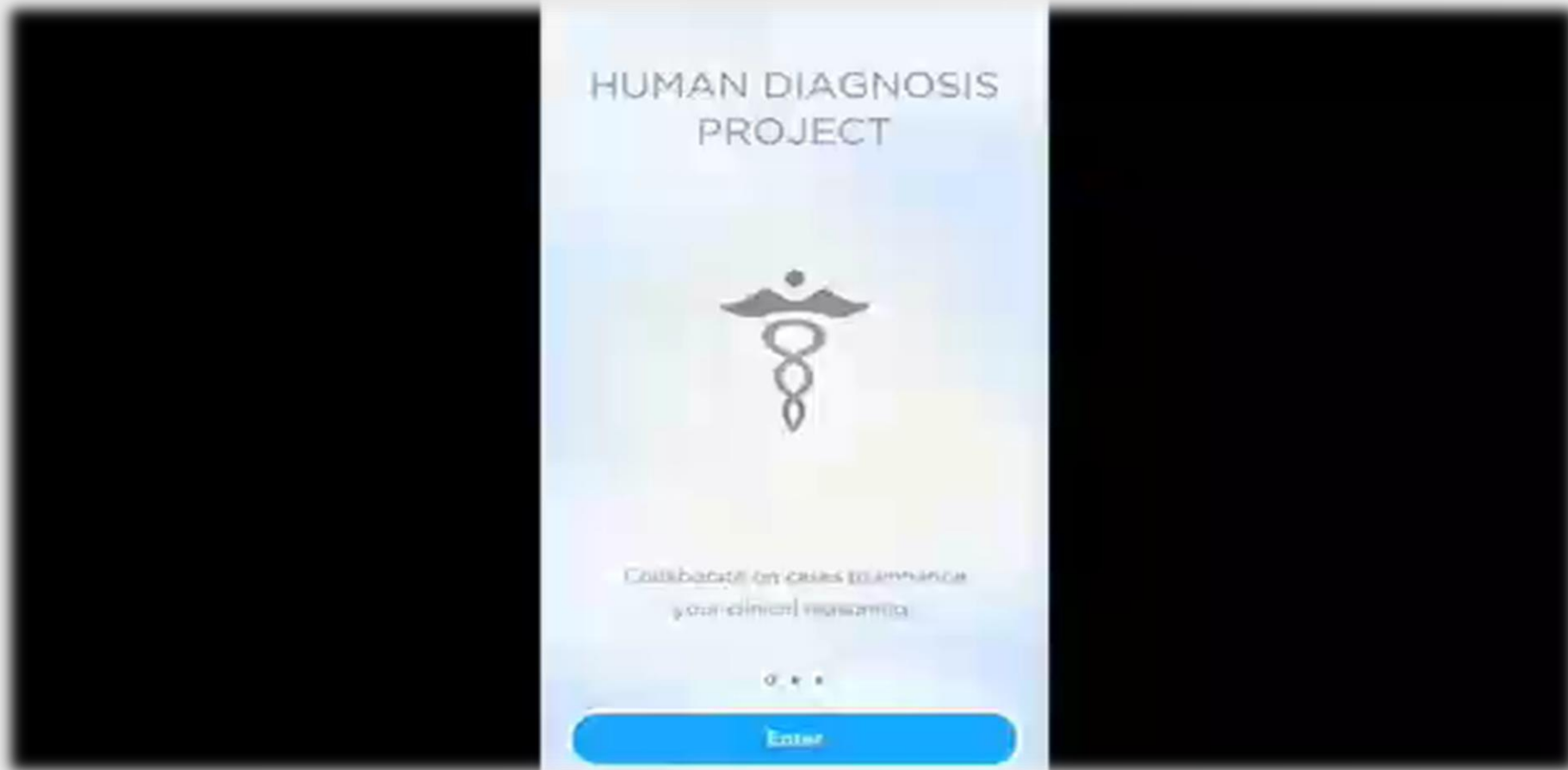




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# The Human Diagnosis Project



Home



Feed

Inbox



UTI

Wednesday

Emily Roth & Janet Olivarria

Janet: sent an image



Test prac tomorrow

02/28/18

Human Dx Support & Janet Olivarria

You created a case chat



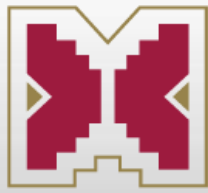
Getting started

02/28/18

Human Dx

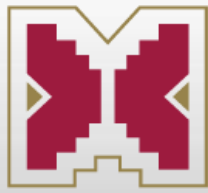
You've been invited to collaborate





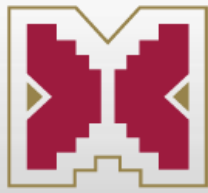
## Summary

- Another tool for consults, support and peer review
- Accurate, affordable, accessible
- Real-time, multiple participants
- Labs, imaging and other tests
- Enhance knowledge, accuracy, collaboration



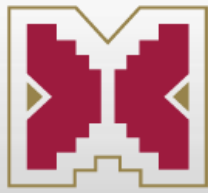
## Future and Uncertainties

- Access to patients as a comprehensive map to health
- Integration into medical training
- Answers available in a single, open system that is universally available
- Facilitate care of the complex patient
- Access and use of real-time data
- One billion people lack access to healthcare - its role in closing this gap
- Mobile device concentration
- Initial support to medical professionals



## Future and Uncertainties

- No definite endpoint to the Project
- Available to many geographies and socioeconomic classes
- How to we manage the interaction between medicine & machines?  
Synergy?
- Creation of structured data based on contributions, complex data analysis
- Validation: collective insights vs. stored data, contributor dispute
- Focus on diagnosis, not triage, treatment or discharge
- Doctor remains the single point of contact
- No PHI

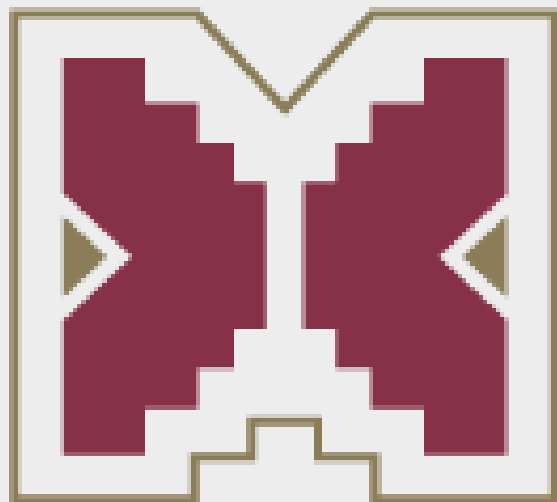


## Future and Uncertainties

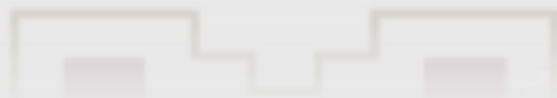
- Collective intelligence better than an individual physician
- Intent to be open source
- Use by all



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