Our first YPI fellows and leaders in Clarkston High School.

Prepare Early
Be Successful

The Young Physcians Initiative provides early and interactive guidance to high school students who have an interest in a career in medicine.

Future Doctor

Young
Physicians Initiative

Young

Physicians

Initiative

High School Pre-Medical Program

Do you want to be a doctor?

We are here to help

Getting into medical school can be a long and arduous process, especially if students wait until college to start. The Young Physicians Initiative provides early and interactive guidance to high school s tudents with academic potential, a commitment to completing college and who have an interest in medicine.

Our program leaders are professors, clinical physicians and medical students.

We are
Invested in
Your
Success

Join

Our Sessions

Medical School Preparation
We introduce high school students to the requirements for medical school admission and the importance of tailoring their college education plans to enhance their overall chance of acceptance into medical school.

Medical Cases
Students engage in experiential learning sessions explore the daily life of a physician. They are introduced to the more common diseases likely to be encountered and most importantly how physicians approach a patient's symptoms and how they think through the diagnostic process.

Careers in Medicine
Physicians from various disciplines and career paths share their experiences that help shape and inform a student's medical career exploration.

Experiences in Medicine
This is an optional activity. Students are given an opportunity to work in a non-profit local health clinic and health fair.

Prepare Early
Be Successful

"I enjoyed speaking with different doctors, solving medical cases, listening to students talk about their experiences in college to become a doctor."
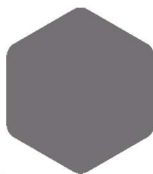*YPI Fellow*

Join us
www.ypiprogram.com

Fellows & Leaders

Our Program

- One session a month
- 45-60 minutes per session
  After school
- Medical student as your leader
- Solve medical cases
- Learn about medical school
- Experience the life as a doctor
- Become a YPI fellow

YPI Fellow

The YPI fellow is a high school student who is hard-working, dedicated and interested in becoming a doctor.
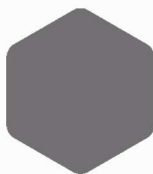
Fellow represents:
Hard work
Professionalism
Dedication
Community Service

YPI Leader

The YPI leader is a medical student who is dedicated to service and mentorship of high school students in underserved communities.

Leader represents:
Community Service
Compassion
Mentorship
Leadership

WWW.YPIPROGRAM.COM

YPI

6 Steps for Medical School Preparation

Step 1: Perform well in high school
- Take challening classes
- Find mentors
- Take on responsibility and leadership positions outside of school

Step 2: Apply to College
- Do well on ACT or SAT
- Meet with college counselor
- Have as many people as possible read your essay

Step 3: Take pre-med classes early
- Meet with Pre-Med Advisor early
- Plan harder pre-med classes for easier semesters

Step 4: Explore new interests
- Intern, do research, or work over the summer
- Find a supervisor or mentor for research
- Beecome a leader in an area you care about

Step 5: Take the MCAT
- Can take before or after graduation
- Do many practice questions and tests

Step 6: Apply to medical school
- Discuss list with pre-med advisor
- Get letters of recommendation
- Write personal statement

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Medical School
Applicant

During your medical school application session, you will learn about the process of applying to medical school and review strengths and weaknesses of applicants through our activity.

Qualities of a Strong Applicant

- Be Successful in school
- Be Engaged in your community
- Be Involved outside of classroom
- Be Exposed to medical practice
- Be Motivated

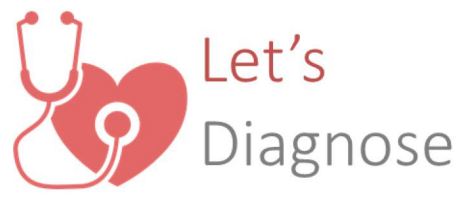Feel free to answer the following questions during and after the session:

My strengths and interests that make me strong and unique:

Things I would like to improve and explore more in the future:

Share Your Dreams & Goals

Write your goals, vision, and dreams for the future. You will learn about the career of medicine every session during the program. Try to reflect on your YPI experience and how it shapes your thinking about the future.

Team:_____

History of Present illness

Past medical history

_____
_____
_____

Family history

_____
_____
_____

Social history

_____
_____
_____

Medications

_____
_____

Allergies

_____

Physical exam
Vitals

Temperature	Blood pressure	Heart rate	Respiratory Rate	Oxygenation
_____	_____	_____	_____	_____

General: Normal   or   abnormal:_____
HEENT: Normal   or   abnormal:_____
Heart: Normal   or   abnormal:_____
Lung: Normal   or   abnormal:_____
Abdomen: Normal   or   abnormal:_____
Neuro: Normal   or   abnormal:_____
Extremity: Normal   or   abnormal:_____

Abnormal Labs:
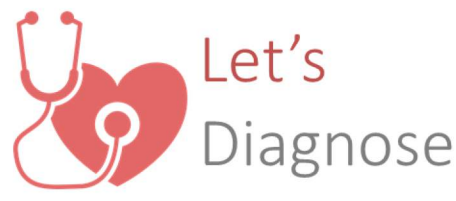
Imaging:

ECG:

Differential Diagnosis

1. _____

2. _____

3. _____

Diagnosis

Let's Diagnose

History of Present illness

Past medical history
_____
_____
_____

Family history
_____
_____
_____

Social history
_____
_____
_____

Medications
_____
_____

Allergies
_____

Physical exam
Vitals

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Abnormal Labs:

Imaging:

ECG:

Differential Diagnosis

1. _____

2. _____

3. _____

Diagnosis

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Emergency Triage

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Cases	Admit	Discharge	Diagnosis
1.	○	○	
2.	○	○	
3.	○	○	
4.	○	○	
5.	○	○	

Temperature
97.7-99.5 F

Blood pressure
120/80 – 140/90

Heart rate
60-100

Respiratory rate
12-20

Oxygenation
90-100%

Labs	Patient	Normal range
Complete blood count		
White blood cell	14	5-10
Hemoglobin	7	12-15
Platelets	175,000	150,000 – 450,000
Basic metabolic panel		
Sodium	140	135-145
Potassium	4.0	3.5 -5.0
Blood urea nitrogen	15	5-25
Creatinine	1.0	0.5-1.2
Glucose	90	70-120
Heart markers		
Troponin	0.02	<0.01
Brain natriuretic peptide	90	<100
D-dimer	100	<250

Emergency Triage

oung
Physicians Initiative

Cases	Admit	Discharge	Diagnosis
1.	◯	◯	
2.	◯	◯	
3.	◯	◯	
4.	◯	◯	
5.	◯	◯	

Temperature
97.7-99.5 F

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