

Health Career Display  
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Middle School Division - Chapter # 40071  
Mount Airy Middle School  
North Carolina  
Interventional Cardiologist

## References

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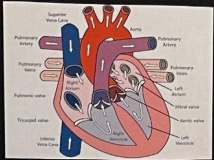
# INTERVENTIONAL CARDIOLOGIST

**What must you do to become an Interventional Cardiologist?**  
 To become an Interventional Cardiologist you are required to graduate from a licensed medical school with an MD or DO degree, complete a three year internal medicine residency, complete a three year cardiology residency, and finally, complete a cardiology fellowship for two to five years.

**What are Interventional Cardiologists trained to do?**  
 Interventional Cardiologists are trained to intervene with minimally invasive procedures which help to treat the problem. An example of a type of procedure Interventional Cardiologists perform is an angioplasty. Interventional Cardiologists are also trained to place stents in clogged arteries that help the heart to function properly.

**Average Salary:**  
 The average yearly salary for an Interventional Cardiologist ranges from around \$243,700 to \$291,700 in North Carolina.


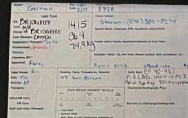
**Why did we choose this?**  
 We chose the health career, Interventional Cardiologist, because of my grandpa, German Ruiz. On May 17th, 2021, he had a "widowmaker" heart attack. Only twelve percent of people who have "widowmaker" heart attacks survive. My grandpa was told if he had waited another five to ten minutes he would not be with us today.





**Heart attack symptoms:**  
 Heart attack symptoms can be different for male and females.

**Female**  
**Heart attack symptoms in females:**  
 Some female heart attack symptoms are uncomfortable pressure, squeezing, pain in the arms, neck, stomach, back, or jaw. Shortness of breath, nausea, lightheadedness and cold sweat are some other symptoms of heart attacks in women.

**Male**  
**Heart attack symptoms in Males:**  
 Some male heart attack symptoms are chest, neck, jaw, or back. Additional symptoms are indigestion, abdominal pain, breath, cold sweats, shortness of breath, lightheadedness and sudden dizziness.



Normal Coronary Arteries      Fatty Streak Coronary Arteries      Atherosclerotic Coronary Arteries      Coronary Artery







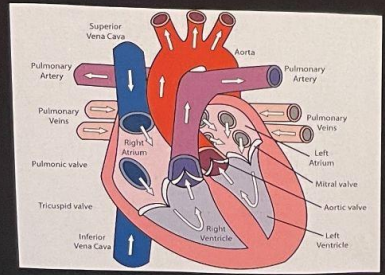
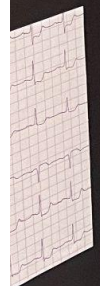
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**What is an Interventional Cardiologist?**  
 An Interventional Cardiologist is a branch of cardiology that deals with catheter based treatment of structural heart diseases. They also specialize in diagnosing and treating conditions and diseases of the heart and blood vessels. Interventional Cardiologists use nonsurgical methods. Interventional Cardiologists also specialize in imaging techniques and catheter-based procedures.

**What causes heart attacks?**  
 Heart attacks occur when blood flow to the heart is blocked. Blockage is caused by fatty deposits that form substances called plaque. Plaque builds up in the coronary arteries and can block the blood flow to and from the heart.



|                 |                           |                        |                           |                       |
|-----------------|---------------------------|------------------------|---------------------------|-----------------------|
| Name:           | German Ruiz               | DOB:                   | 05/17/2021                | 3728                  |
| CARE TEAM:      | Dr. Pradeep               | Specialty:             | Interventional Cardiology | Phone: (540) 320-2174 |
| Test No:        | 1415                      | Charge:                | DR. PRADEEP               |                       |
| Case Number:    | 064                       | Responsible Therapist: | DR. PRADEEP               |                       |
| Diagnosis:      | 74.91                     | Procedure:             |                           |                       |
| Order Date:     | 05/17/2021                | Order Time:            | 08:00 AM                  |                       |
| Order Status:   | Completed                 | Order Type:            | Outpatient                |                       |
| Order Location: | Interventional Cardiology | Ordering Physician:    | DR. PRADEEP               |                       |



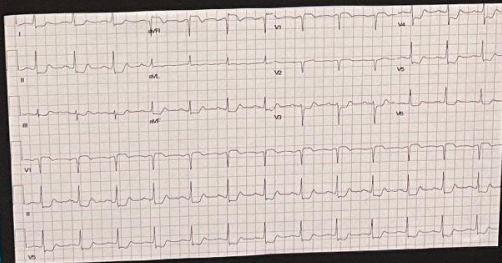
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**Heart attack symptoms:**  
Heart attack symptoms can be different for male and females.



**Female**  
**Heart attack symptoms in females:**

Some female heart attack symptoms are uncomfortable pressure, squeezing, fullness, or pains in the chest. Discomfort or pain in the arms, neck, stomach, back, or jaw. Shortness of breath, nausea, lightheadedness, and cold sweat are some other symptoms of heart attacks in women.

**Male**  
**Heart attack symptoms in Males:**

Some male heart attack symptoms are tight, squeezing pains or pressure in the chest, neck, jaw, or back. Additional symptoms are indigestion, abdominal pains, heartburn, nausea, shortness of breath, cold sweats, fatigue, lightheadedness, and sudden dizziness.