



I'm a Ticking Time Bomb Understanding Aneurysms and Dissection

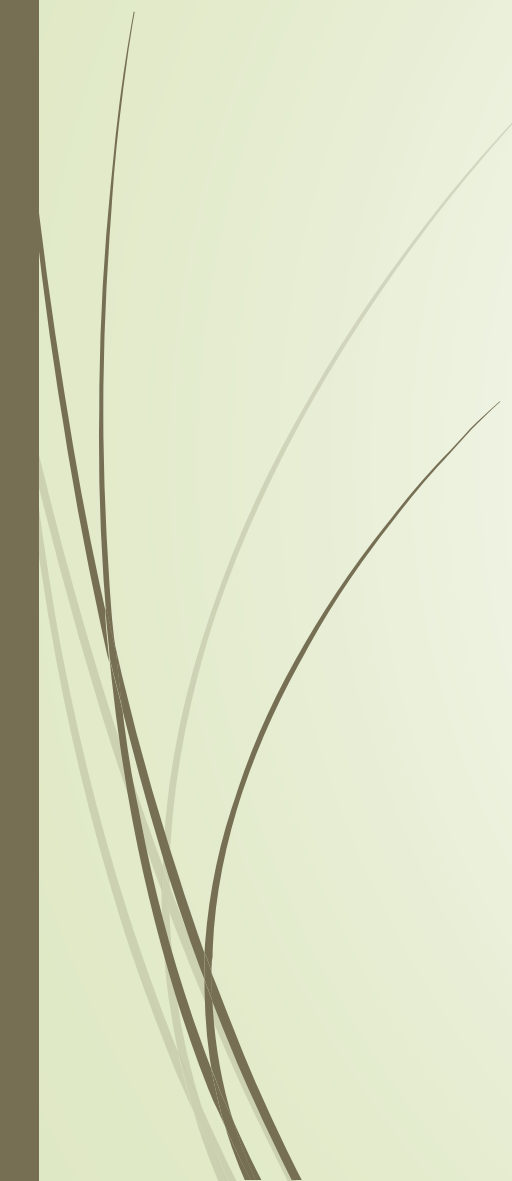
2017 Louisville Symposium on Heart Disease in Women

Ferenc Nagy M.D.

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Aortic Aneurysm

- What is an aortic aneurysm?
 - Are there different kinds of aneurysms?
 - Why worry about them?
 - How can they be fixed?
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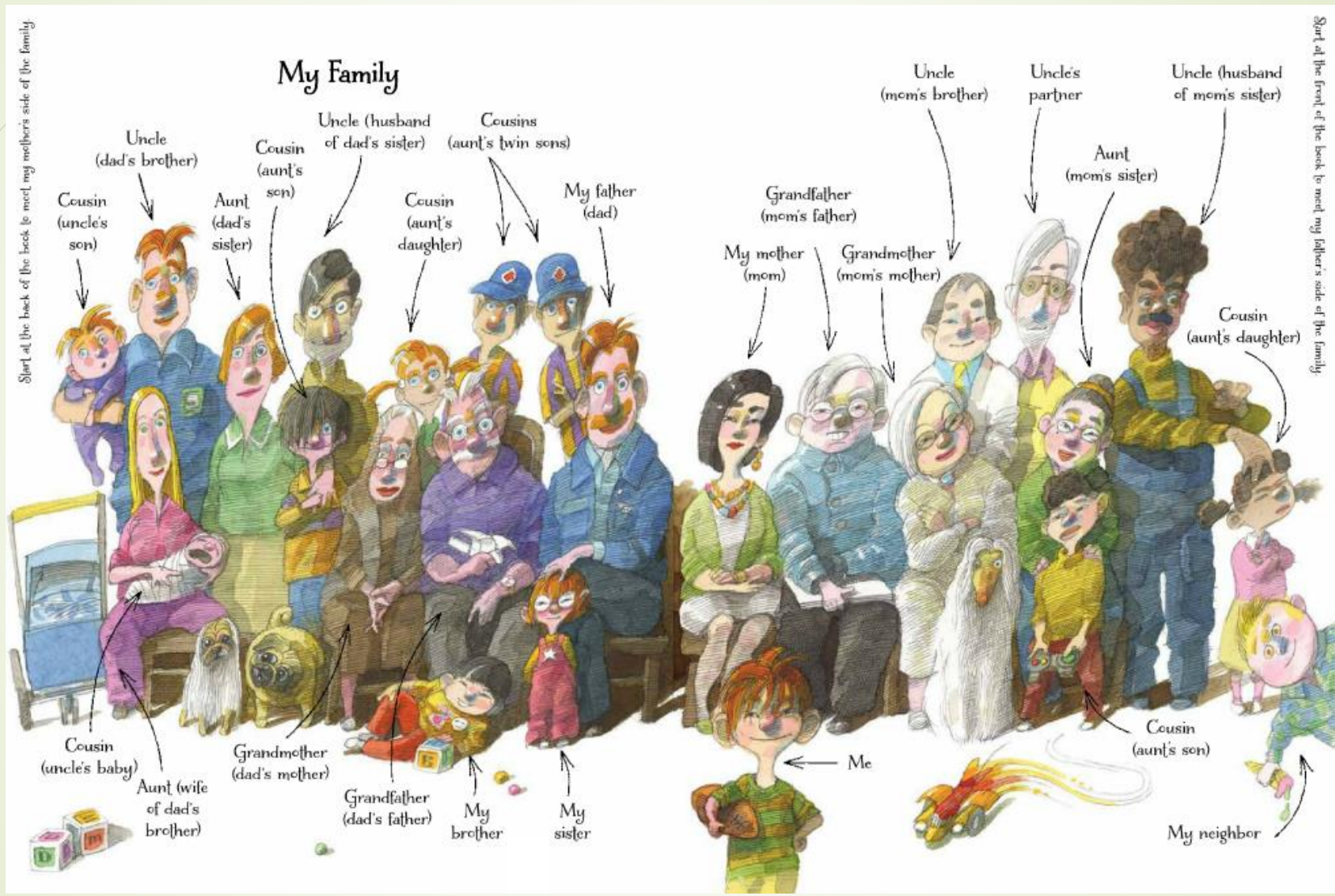






How do you get an
aneurysm?





Start at the back of the book to meet my mother's side of the family

Start at the front of the book to meet my father's side of the family

My Family

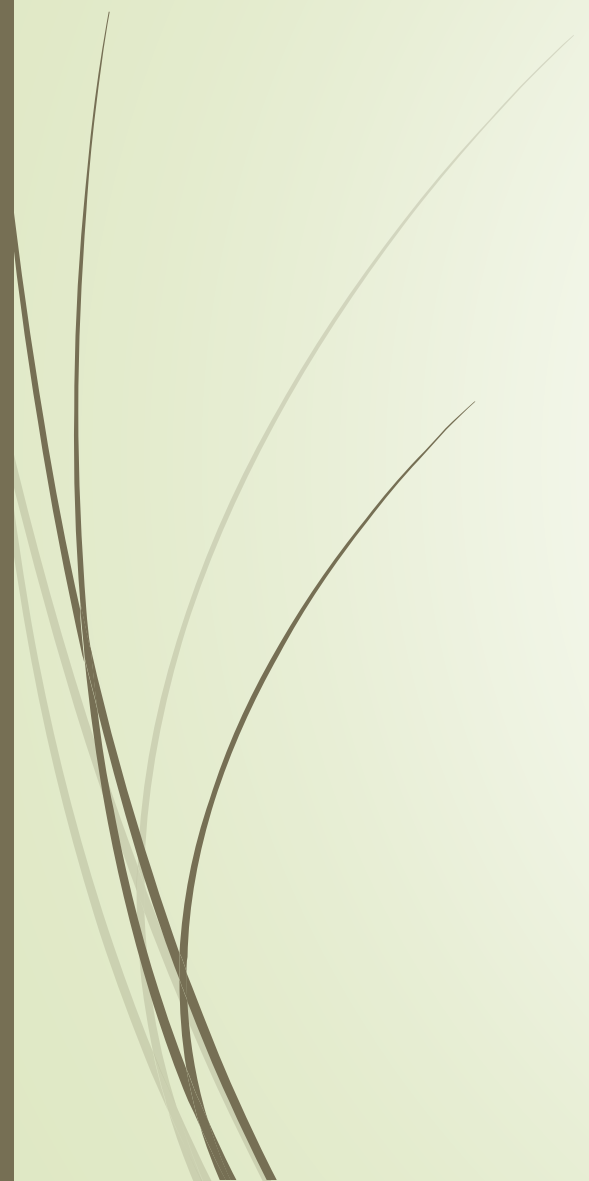





I LOVE BACON!



JAYNE ROCKMILL





Risk Factor Increases Chance of Aneurysm

- Smoking (5.1)
- Family history of AAA (1.9)
- Increased risk of AAA in Caucasian vs. non-Caucasian (1.6)
- CAD (1.5)
- High cholesterol (1.4)
- AAA rupture in women relative to men for a given diameter was increased fourfold



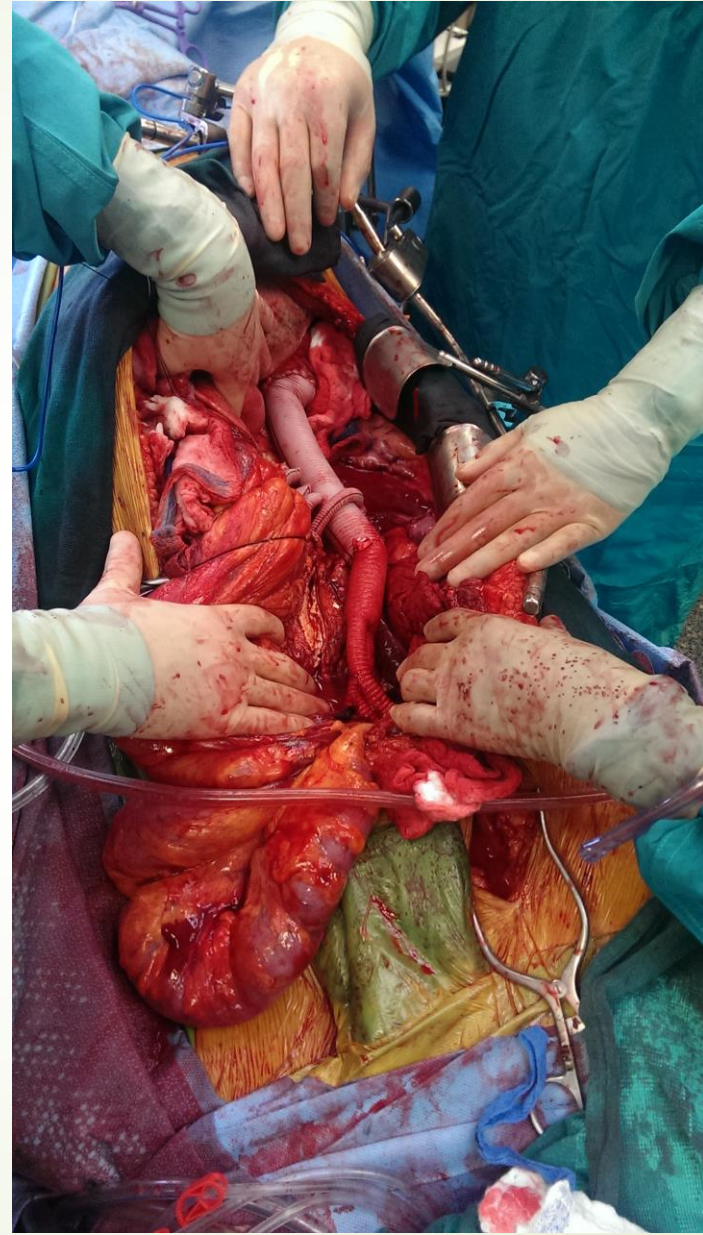
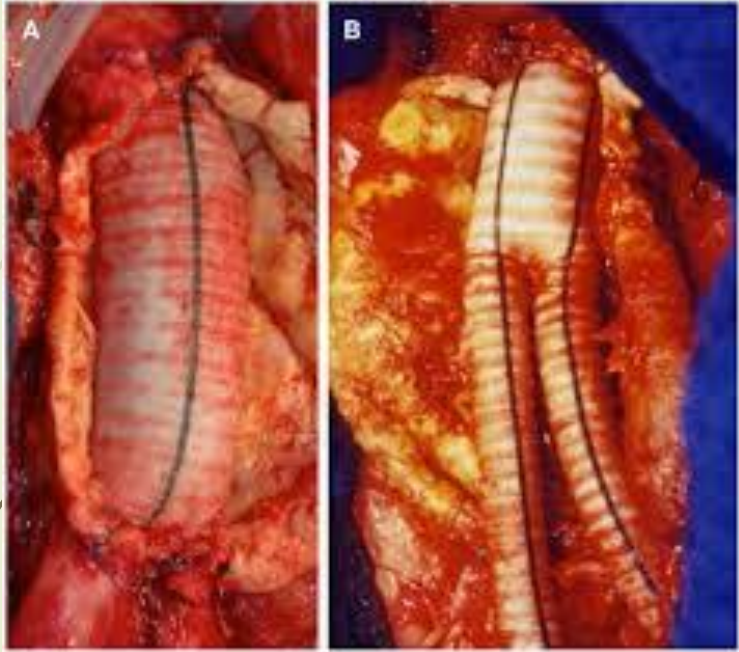
When to Repair

- Generally aortic aneurysm $> 5 - 5.5$ cm is repaired
 - Thoracic aneurysm repair initiated at larger sizes than abdominal
- Aneurysm growth greater than 0.5 cm over 6 months
- Women may be repaired at lower sizes as compared to men due to average smaller native aortas than men



Fixing Aneurysms







Aortic Dissection

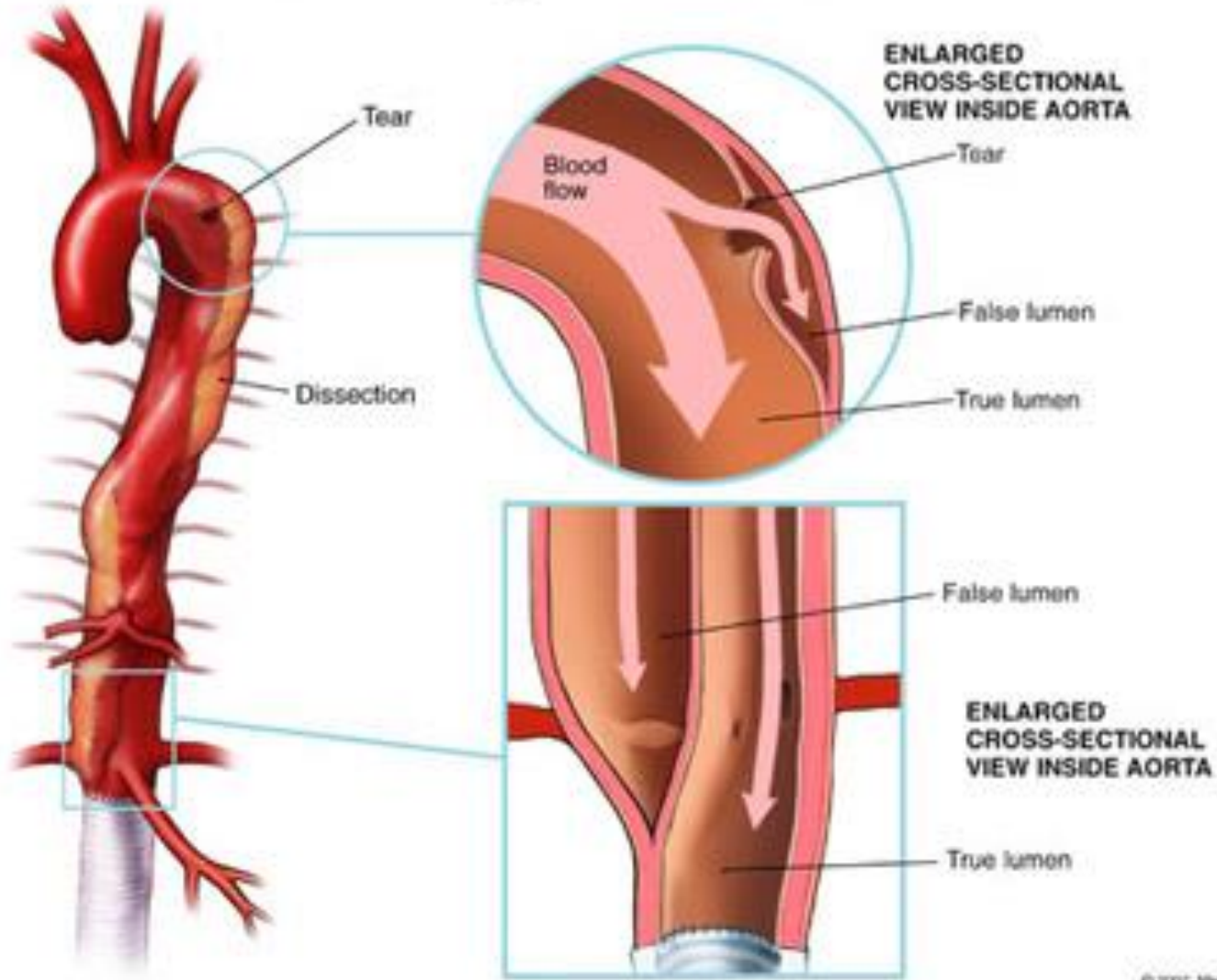


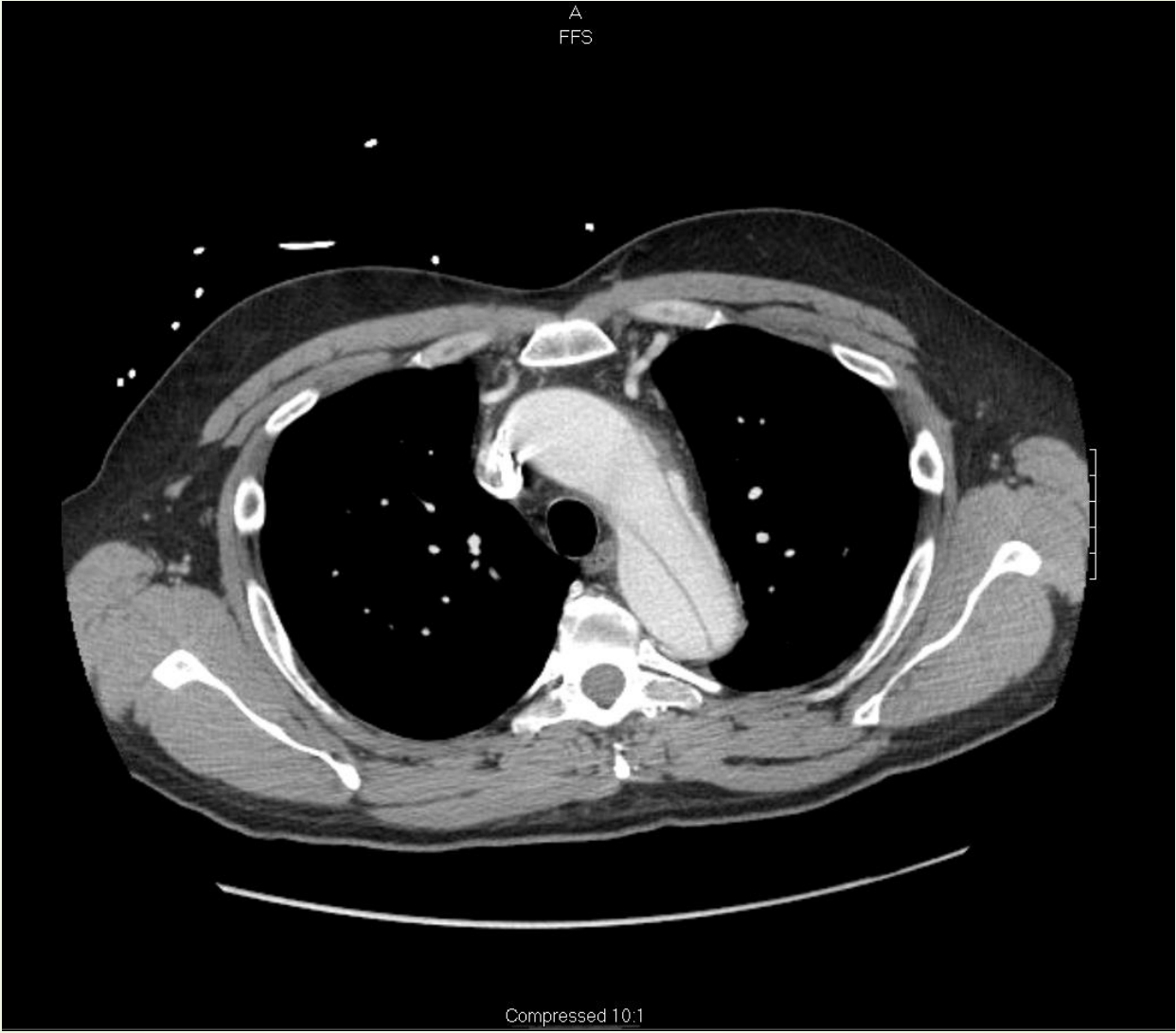


Aortic dissection involves tearing of the inner layers of the aorta

- Pain
 - Anterior chest vs back
 - Ripping/tearing pain vs sharp stabbing pain
- Syncope
- Hypertension
- Neurologic
- Peripheral vascular complication
- Male to female ratio for dissection 4:1

Descending Aortic Dissection

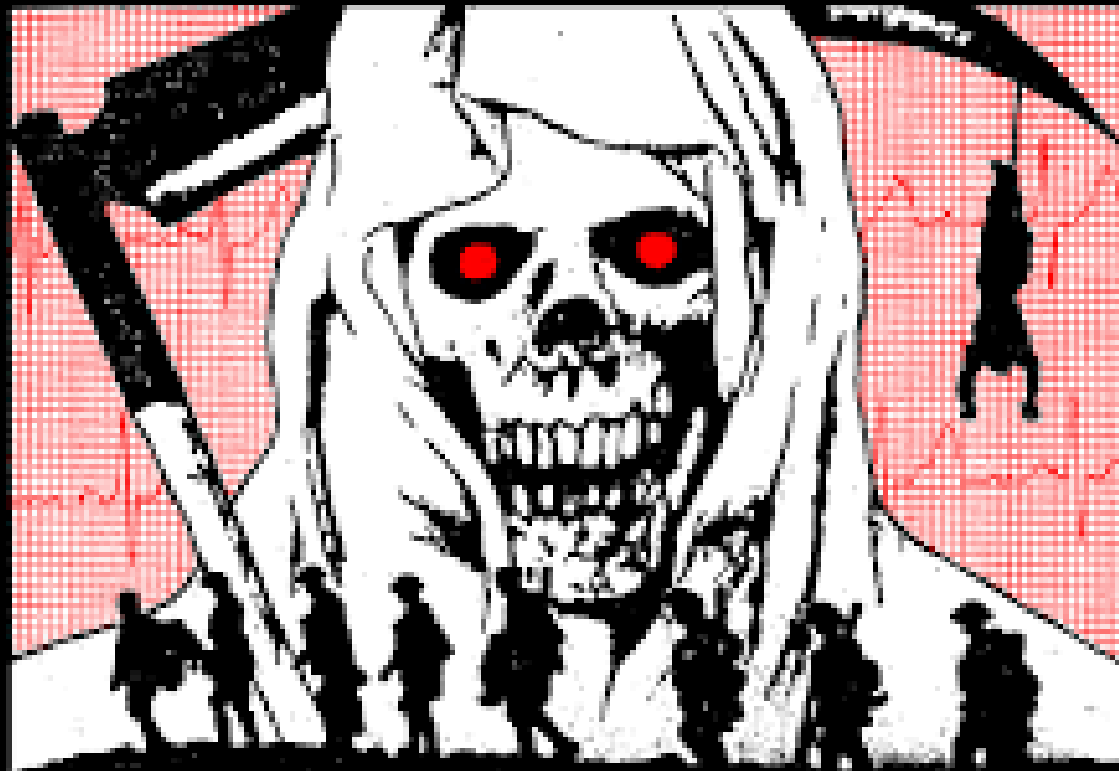






Dissection treatment

BLOOD PRESSURE



"NEED TO CONTROL"



What if you get worse?

