Small Group teaching

**Dissection and AAA**

Case 1

A 75 year old man presents with sharp chest pain that he describes as radiating to his back. He has a BP of 190/100, HR 95, is afebrile and O2 sats 96% RA. He has a history of hypertension but is on no medications. You suspect a diagnosis of aortic dissection

1. What features of history would support the diagnosis of acute aortic dissection
2. Please describe what features on clinical examination would support the diagnosis of acute aortic dissection
3. Please describe what investigations you would perform and justify why you would choose them
4. The patient has a CT performed – see below. Please describe the scan.
5. Please describe your ongoing management



Case 2

A 75 year old female presents to a peripheral hospital with severe abdominal pain through to her back. On assessment she has a BP of 75/40, HR 120 is pale and in obvious distress. She has a tender abdomen but you are unable to appreciate an abdominal mass.

1. Please list your differentials
2. Please describe your immediate management
3. Please describe what investigations you may perform and justify your choice
4. Please describe your understanding of hypotensive resuscitation (or low volume resuscitation) and how it potentially applies to this patient
5. You manage to perform a CT (see slice below). Please describe the CT
6. You are in a peripheral hospital (imagine you are at Casey ED and its 10pm on a Saturday night). Please describe how you would arrange for this patient to get their definitive management. How would this differ if you were at LaTrobe regional hospital?

