

Case 1 (January 10 2008): [N Engl J Med. 358\(2\):178-186](#)

Demographic: Male, 45yrs, America North, General speciality

Clinical features extracted from the case and entered into the query box:

hypotension
pale
tachycardia
distressed
abdominal pain
weakness
diaphoresis
rigid abdomen rigid and guarding
tender periumbilical area
fecal incontinence
diminished distal pulses

Synonyms used by Isabel for the above query:

hypotension
pale
tachycardia
abdominal pain
diaphoresis

STOP !

Before you read further you might want to construct your own:

- Complete differential diagnosis
- Final diagnosis

In the following section you will find:

- The differential diagnosis constructed by the MGH panel
- The final diagnosis of the case
- Which of the MGH panel differential diagnoses did Isabel contain
- Did Isabel suggest the Final diagnosis

Differential Diagnoses considered by the MGH panel:

Circulatory shock / hypovolemia – hemorrhagic shock
Abdominal Aortic Aneurysm

Final Diagnosis of the case according to NEJM:

Celiac-artery stenosis and multiple aneurysms of the pancreaticoduodenal arcade, with rupture.

Differential Diagnoses of the case as given by Isabel:

Hypovolemic shock – under Shock states heading
Abdominal Aortic Aneurysm – under Vascular disorders

Was the final diagnosis given by Isabel:

Yes, under Shock states heading

Isabel Differential:

<p>INFECTIOUS DISEASES << click to expand</p> <p>Tuberculosis ? Related Dx</p>	<p>RESPIRATORY SYSTEM DISORDERS << click to expand</p> <p>Bacterial Pneumonia ? Related Dx</p> <p>Pulmonary Thromboembolism ? Related Dx</p>
<p>GASTROINTESTINAL DISORDERS << click to expand</p> <p>Acute Appendicitis ? Related Dx</p> <p>Food Poisoning ? Related Dx</p>	<p>SHOCK STATES << click to expand</p> <p>Hypovolemic Shock ? Related Dx</p>
<p>RHEUMATIC DISEASES << click to expand</p> <p>Relapsing Polychondritis ? Related Dx</p>	<p>VASCULAR DISORDERS << click to expand</p> <p>Aortic Aneurysm / Dissection ? Related Dx</p> <ul style="list-style-type: none"> └─ Abdominal Aortic Aneurysm └─ Thoracic Aortic Aneurysm
<p>HEMATOLOGY</p> <p>Iron Deficiency Anemia ? Related Dx</p>	<p>CARDIAC DISORDERS << click to expand</p> <p>Infective Endocarditis ? Related Dx</p> <p>Heart Failure / CHF ? Related Dx</p>
<p>LIVER DISORDERS</p> <p>Cholecystitis ? Related Dx</p>	<p>NERVOUS SYSTEM DISORDERS</p> <p>Thoracic Outlet Syndrome ? Related Dx</p>
<p>NEOPLASTIC DISEASES</p> <p>Non-Hodgkin's Lymphoma ? Related Dx</p>	<p>ENDOCRINE SYSTEM</p> <p>Adrenal Neoplasms ? Related Dx</p>
<p>NEPHROLOGY << click to expand</p> <p>Renal Failure ? Related Dx</p>	<p>DERMATOLOGY</p> <p>Clostridial Gas Gangrene / Myonecrosis ? Related Dx</p>
<p>TOXICOLOGY << click to expand</p> <p>Radioactive Isotopes ? Related Dx</p>	<p>ORTHOPEDIC DISORDERS</p> <p>Acromioclavicular Separation ? Related Dx</p>
<p>ENVIRONMENTAL HEALTH HAZARDS</p> <p>Spider Bites ? Related Dx</p>	<p>TRAUMA INJURIES</p> <p>Arterial and Venous Injuries ? Related Dx</p>