



 BODYWORKS | Eve<sup>®</sup>

Patient List

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## 1 - Cardiac

### 1.1 Tamponade

Age	33
Gender	Female
Existing diagnosis if known	None
Presenting complaint	Stab wounds to left side of chest
Relevant history	None
Symptoms and signs	Shortness of breath, dizziness, chest pain.
Blood pressure	65/29
Heart rate	125
Oxygen saturation	90
Respiratory rate	20
Relevant lab results	None available
Other	None available
	<ul style="list-style-type: none"> <li>• Cardiac Tamponade</li> </ul>

### 1.2 Right Ventricular Failure (Distended IVC)

Age	75
Gender	Female
Existing diagnosis if known	Emphysema
Presenting complaint	Lethargy, ankle swelling, reduced exercise tolerance (unable to climb stairs)
Relevant history	Heavy smoker for 50+ years
Symptoms and signs	Mildly short of breath and wheezing. Pitting edema to knees. Abdominal pain in right upper quadrant.
Blood pressure	140/95
Heart rate	90
Oxygen saturation	89
Respiratory rate	20
Relevant lab results	Haemoglobin 160g/l, normal urea and electrolytes
Other	CXR: hyper inflated lungs. ECG: right axis deviation
	<ul style="list-style-type: none"> <li>• Right Ventricular Failure (Distended IVC)</li> </ul>

### 1.3 Left Ventricular Failure

Age	69
Gender	Female
Existing diagnosis if known	None
Presenting complaint	2 day history of shortness of breath
Relevant history	Type I diabetes, smoker.
Symptoms and signs	Shortness of breath, wheezing, cold, clammy peripheries. Unable to lie flat.
Blood pressure	150/95
Heart rate	100
Oxygen saturation	88
Respiratory rate	25
Relevant lab results	Elevated Troponin, Blood glucose 12mmol/l, urea and electrolytes normal
Other	ECG: lateral T wave inversion. CXR awaited.
	<ul style="list-style-type: none"> <li>• Left Ventricular Failure</li> </ul>

### 1.4 Aortic Stenosis

Age	73
Gender	Female
Existing diagnosis if known	None
Presenting complaint	Syncope
Relevant history	6 month history of increasing shortness of breath, reducing exercise tolerance. Syncope precipitated hospital attendance.
Symptoms and signs	Systolic ejection murmur at left sternal edge, radiating to neck
Blood pressure	130/90
Heart rate	80
Oxygen saturation	95
Respiratory rate	15
Relevant lab results	nil abnormal
	<ul style="list-style-type: none"> <li>• Aortic Stenosis</li> </ul>

### 1.5 Mitral Regurgitation

Age	65
Gender	Female
Existing diagnosis if known	None
Presenting complaint	Shortness of breath
Relevant history	12 month history of increasing shortness of breath
Symptoms and signs	Apical pan systolic murmur
Blood pressure	140/75
Heart rate	75
Oxygen saturation	94
Respiratory rate	13
Relevant lab results	nil abnormal
	<ul style="list-style-type: none"> <li>• Mitral Regurgitation</li> </ul>

### 1.6 Mitral Stenosis

Age	55
Gender	Female
Existing diagnosis if known	None
Presenting complaint	Shortness of breath
Relevant history	Rheumatic fever as a young adult. Increasing shortness of breath over last 6 months, with reduction in exercise tolerance
Symptoms and signs	Breathlessness on exertion and orthopnoea.
Blood pressure	125/75
Heart rate	70
Oxygen saturation	95
Respiratory rate	15
Relevant lab results	nil abnormal
	<ul style="list-style-type: none"> <li>• Mitral Stenosis</li> </ul>

## 1.7 Pulmonary Embolism

Age	25
Gender	Female
Existing diagnosis if known	None
Presenting complaint	Sudden pleuritic chest pain, shortness of breath, collapse
Relevant history	Emergency admission via emergency department. Recent return from holiday abroad
Symptoms and signs	Clinically distressed and tachypnoeic
Blood pressure	85/45
Heart rate	110
Oxygen saturation	89
Respiratory rate	22
Relevant lab results	none available yet
	<ul style="list-style-type: none"><li>• Pulmonary Embolism</li></ul>



## 2 - Chest and Lung

### 2.1 Mild Right Pneumothorax

Age	36
Gender	Female
Existing diagnosis if known	Leukaemia
Presenting complaint	Mild shortness of breath, sharp right sided chest pain
Relevant history	Hickman line inserted 24 hours ago
Symptoms and signs	Examination of respiratory system normal
Blood pressure	115/70
Heart rate	80
Oxygen saturation	96
Respiratory rate	15
Relevant lab results	None available
Other	None available yet
	<ul style="list-style-type: none"> <li>• Small Right Pneumothorax</li> </ul>

### 2.2 Moderate Right Pneumothorax

Age	26
Gender	Female
Existing diagnosis if known	Marfan syndrome
Presenting complaint	Shortness of breath, sudden onset chest pain
Relevant history	History of left pleurodesis.
Symptoms and signs	Right hemithorax resonant to percussion with reduced breath sounds
Blood pressure	120/75
Heart rate	85
Oxygen saturation	94
Respiratory rate	18
Relevant lab results	None
Other	None available yet
	<ul style="list-style-type: none"> <li>• Medium Right Pneumothorax</li> </ul>

### 2.3 Severe Right Pneumothorax

Age	63
Gender	Female
Existing diagnosis if known	Motor vehicle collision
Presenting complaint	Right shoulder pain and shortness of breath
Relevant history	Road traffic accident
Symptoms and signs	Bruising and tenderness over right 3rd-5th ribs. Fractured clavicle. Surgical emphysema right hemithorax.
Blood pressure	90/50
Heart rate	115
Oxygen saturation	91
Respiratory rate	23
Relevant lab results	None
Other	CXR: marked surgical emphysema R hemithorax
	<ul style="list-style-type: none"> <li>• Large Right Pneumothorax</li> </ul>

### 2.4 Mild Left Pneumothorax

Age	58
Gender	Female
Existing diagnosis if known	Carcinoma of the bronchus
Presenting complaint	Breathlessness
Relevant history	Day 2 post op L thoracotomy and lung resection. Intercostal drains removed 4 hours ago
Symptoms and signs	Shortness of breath, L sided chest pain.
Blood pressure	110/60
Heart rate	85
Oxygen saturation	94
Respiratory rate	16
Relevant lab results	None
Other	CXR not yet available
	<ul style="list-style-type: none"> <li>• Small Left Pneumothorax</li> </ul>

## 2.5 Moderate Left Pneumothorax

Age	51
Gender	Female
Existing diagnosis if known	Alpha 1 antitrypsin deficiency
Presenting complaint	Shortness of breath
Relevant history	Multiple hospital admissions with respiratory failure
Symptoms and signs	Right hemithorax resonant to percussion with reduced breath sounds
Blood pressure	105/60
Heart rate	112
Oxygen saturation	86
Respiratory rate	20
Relevant lab results	None available
Other	None available
	<ul style="list-style-type: none"> <li>• Medium Left Pneumothorax</li> </ul>

## 2.6 Severe Left Pneumothorax

Age	58
Gender	Female
Existing diagnosis if known	Motor Vehicle Collision
Presenting complaint	Left shoulder pain and SOB
Relevant history	Motor vehicle collision
Symptoms and signs	Bruising and tenderness over left 3rd-5th ribs. Fractured clavicle. Surgical emphysema left hemithorax.
Blood pressure	90/50
Heart rate	90
Oxygen saturation	91
Respiratory rate	23
Relevant lab results	None
Other	CXR: marked surgical emphysema L hemithorax
	<ul style="list-style-type: none"> <li>• Large Left Pneumothorax</li> </ul>

## 2.7 Mild Left Pleural Effusion

Age	68
Gender	Female
Existing diagnosis if known	None
Presenting complaint	None
Relevant history	Routine pre-discharge echocardiography 5 days after elective aortic valve replacement
Symptoms and signs	Patient mobilising well. No abnormal findings on examination.
Blood pressure	125/83
Heart rate	77
Oxygen saturation	94
Respiratory rate	14
Relevant lab results	No abnormalities
	<ul style="list-style-type: none"> <li>• Small Left Pleural Effusion</li> </ul>

## 2.8 Moderate Left Pleural Effusion

Age	67
Gender	Female
Existing diagnosis if known	None
Presenting complaint	Collapse at home
Relevant history	Patient in resuscitation room in emergency department
Symptoms and signs	Severe chest pain for one hour prior to calling ambulance. Collapse at home.
Blood pressure	70/35
Heart rate	110
Oxygen saturation	87
Respiratory rate	22
Relevant lab results	None available
	<ul style="list-style-type: none"> <li>• Medium Left Pleural Effusion</li> </ul>

## 2.9 Severe Left Pleural Effusion

Age	59
Gender	Female
Existing diagnosis if known	Previous long term asbestos exposure
Presenting complaint	Breathlessness
Relevant history	Building project manager with previous asbestos exposure; worsening shortness of breath over previous 9 months.
Symptoms and signs	Dullness to percussion and reduced breath sounds over entire left hemithorax
Blood pressure	115/65
Heart rate	74
Oxygen saturation	91
Respiratory rate	16
Relevant lab results	None available
	<ul style="list-style-type: none"> <li>• Large Left Pleural Effusion</li> </ul>

## 2.10 Mild Right Pleural Effusion

Age	69
Gender	Female
Existing diagnosis if known	Post operative
Presenting complaint	Breathlessness
Relevant history	3 days post op open biopsy of right lung
Symptoms and signs	Persistent breathlessness since surgery. Dullness to percussion and reduced breath sounds right lower zone
Blood pressure	110/60
Heart rate	85
Oxygen saturation	94
Respiratory rate	15
Relevant lab results	No abnormalities
	<ul style="list-style-type: none"> <li>• Small Right Pleural Effusion</li> </ul>

## 2.11 Moderate Right Pleural Effusion

Age	73
Gender	Female
Existing diagnosis if known	Preoperative investigations prior to right mastectomy
Presenting complaint	Mild breathlessness
Relevant history	Right breast lump; biopsy positive for carcinoma
Symptoms and signs	Dullness to percussion and reduced breath sounds right mid and lower zones
Blood pressure	165/95
Heart rate	78
Oxygen saturation	94
Respiratory rate	14
Relevant lab results	None available
	<ul style="list-style-type: none"> <li>• Medium Right Pleural Effusion</li> </ul>

## 2.12 Severe Right Pleural Effusion

Age	69
Gender	Female
Existing diagnosis if known	Chronic lung disease
Presenting complaint	Breathlessness, haemoptysis
Relevant history	Lifelong smoker with chronic obstructive lung disease. Recent haemoptysis.
Symptoms and signs	Dullness to percussion and reduced breath sounds over entire right hemithorax
Blood pressure	120/65
Heart rate	80
Oxygen saturation	90
Respiratory rate	17
Relevant lab results	None available
	<ul style="list-style-type: none"> <li>• Large Right Pleural Effusion</li> </ul>

### 2.13 Mild Bilateral Pleural Effusion

Age	83
Gender	Female
Existing diagnosis if known	Ischaemic heart disease
Presenting complaint	Chest pain
Relevant history	SOB
Symptoms and signs	symptoms stable
Blood pressure	108/71
Heart rate	74
Oxygen saturation	94
Respiratory rate	13
Relevant lab results	None available
	<ul style="list-style-type: none"> <li>• Small Left Pleural Effusion</li> <li>• Small Right Pleural Effusion</li> </ul>

### 2.14 Moderate Bilateral Pleural Effusion

Age	55
Gender	Female
Presenting complaint	Abdominal discomfort and swelling, mild breathlessness
Symptoms and signs	Bilateral dullness to percussion and reduced air entry both lungs. Abnormal LFT's
Blood pressure	110/55
Heart rate	72
Oxygen saturation	92
Respiratory rate	15
Relevant lab results	None available
	<ul style="list-style-type: none"> <li>• Medium Left Pleural Effusion</li> <li>• Medium Right Pleural Effusion</li> </ul>

## 2.15 Severe Bilateral Pleural Effusion

Age	62
Gender	Female
Existing diagnosis if known	bronchopneumonia
Presenting complaint	Ventilator dependence
Relevant history	Severe bronchopneumonia; failure to wean from ventilator on intensive care unit.
Symptoms and signs	dullness to percussion and reduced air entry in both lungs
Blood pressure	83/46
Heart rate	94
Oxygen saturation	93
Respiratory rate	14 (mechanical ventilation)
Relevant lab results	inflammatory markers raised
	<ul style="list-style-type: none"><li>• Large Left Pleural Effusion</li><li>• Large Right Pleural Effusion</li></ul>



### 3 - Aorta

#### 3.1 Small Fusiform Aneurysm

Age	66
Gender	Female
Existing diagnosis if known	None
Presenting complaint	Abdominal swelling
Relevant history	Abdominal swelling 3 months
Symptoms and signs	Pulsatile abdominal mass
Blood pressure	130/90
Heart rate	80
	<ul style="list-style-type: none"> <li>• Small Fusiform Aortic Aneurysm</li> </ul>

#### 3.2 Medium Fusiform Aneurysm

Age	72
Gender	Female
Existing diagnosis if known	None
Presenting complaint	Abdominal swelling
Relevant history	Abdominal swelling 4 months
Symptoms and signs	Pulsatile abdominal mass
Blood pressure	130/90
Heart rate	80
	<ul style="list-style-type: none"> <li>• Medium Fusiform Aortic Aneurysm</li> </ul>

### 3.3 Large Fusiform Aneurysm

Age	78
Gender	Female
Existing diagnosis if known	None
Presenting complaint	Abdominal swelling
Relevant history	Abdominal swelling 8 months
Symptoms and signs	Pulsatile abdominal mass
Blood pressure	130/90
Heart rate	80
	• Large Fusiform Aortic Aneurysm

### 3.4 Saccular Aneurysm

Age	69
Gender	Female
Existing diagnosis if known	None
Presenting complaint	Abdominal swelling
Relevant history	Abdominal swelling 3 months
Symptoms and signs	Pulsatile abdominal mass
Blood pressure	130/90
Heart rate	90
	• Saccular Aortic Aneurysm

### 3.5 Dissecting Aneurysm

Age	62
Gender	Female
Existing diagnosis if known	None
Presenting complaint	Severe abdominal pain
Symptoms and signs	Severe abdominal pain. Guarding
Blood pressure	140/100
Heart rate	120
	<ul style="list-style-type: none"><li>• Dissecting Aortic Aneurysm</li></ul>

## 4 - Renal and Genitourinary

### 4.1 Calculus in the Right Kidney

Age	52
Gender	Female
Existing diagnosis if known	None
Presenting complaint	Flank pain right side
Symptoms and signs	Frank haematuria
Blood pressure	120/80
Heart rate	70
	• Calculus in the Right Kidney

### 4.2 Multiple Calculi in the Right Kidney

Age	53
Gender	Female
Existing diagnosis if known	Previous lithotripsy for renal stones
Presenting complaint	Flank pain right side history
Relevant history	Recurrent UTIs
Symptoms and signs	Non visible haematuria
Blood pressure	120/80
Heart rate	70
	• Multiple Calculi in the Right Kidney

#### 4.3 Moderate Hydronephrosis in the Right Kidney and a Large Pelvic Mass

Age	63
Gender	Female
Existing diagnosis if known	None
Presenting complaint	Lower abdominal pain, urgency
Relevant history	Pelvic mass
Symptoms and signs	Leg edema
Blood pressure	120/80
Heart rate	90
	<ul style="list-style-type: none"> <li>• Large Pelvic Mass</li> <li>• Moderate Hydronephrosis in the Right Kidney</li> </ul>

#### 4.4 Mild Hydronephrosis in the Right Kidney

Age	32
Gender	Female
Existing diagnosis if known	Multiple urinary tract infections
Presenting complaint	Acute loin to groin pain
Symptoms and signs	Non visible haematuria
Blood pressure	80/60
Heart rate	70
	<ul style="list-style-type: none"> <li>• Mild Hydronephrosis in the Right Kidney</li> </ul>

#### 4.5 Moderate Hydronephrosis in the Right Kidney

Age	32
Gender	Female
Existing diagnosis if known	None
Presenting complaint	Loin to groin pain right side
Symptoms and signs	Non visible haematuria
Blood pressure	120/80
Heart rate	70
	• Moderate Hydronephrosis in the Right Kidney

#### 4.6 Severe Hydronephrosis in the Right Kidney

Age	41
Gender	Female
Existing diagnosis if known	None
Presenting complaint	Acute loin to groin pain
Symptoms and signs	Visible haematuria
Blood pressure	80/65
Heart rate	70
	• Severe Hydronephrosis in the Right Kidney

#### 4.7 Calculus in the Left Kidney

Age	51
Gender	Female
Existing diagnosis if known	Urinary tract infections
Presenting complaint	Colicky pain left side
Symptoms and signs	Non visible haematuria
Blood pressure	125/80
Heart rate	70
Oxygen saturation	-
Respiratory rate	-
Relevant lab results	-
Other	-
	<ul style="list-style-type: none"> <li>• Calculus in the Left Kidney</li> </ul>

#### 4.8 Moderate Hydronephrosis with a Calculus in the Right Kidney

Age	51
Gender	Female
Existing diagnosis if known	None
Presenting complaint	Right flank colicky pain
Symptoms and signs	Non visible haematuria
Blood pressure	125/80
Heart rate	70
	<ul style="list-style-type: none"> <li>• Moderate Hydronephrosis with a Calculus in the Right Kidney</li> </ul>

#### 4.9 Severe Hydronephrosis with a PUJ Obstruction in the Right Kidney

Age	36
Gender	Female
Existing diagnosis if known	Previous kidney stones
Presenting complaint	Right flank pain
Relevant history	Previous lithotripsy
Symptoms and signs	Pain right back
Blood pressure	125/80
Heart rate	90
	<ul style="list-style-type: none"><li>• Severe Hydronephrosis with a PUJ Obstruction in the Right Kidney</li></ul>



## 5 - Hepato-biliary

### 5.1 Contracted Gall Bladder

Age	44
Gender	Female
Existing diagnosis if known	None
Presenting complaint	RUQ pain
Relevant history	Abnormal LFTs
Symptoms and signs	RUQ tenderness
Blood pressure	110/75
Heart rate	70
	<ul style="list-style-type: none"> <li>Contracted Gall Bladder</li> </ul>

### 5.2 Gall Bladder Calculus

Age	45
Gender	Female
Existing diagnosis if known	None
Presenting complaint	RUQ pain
Relevant history	Symptoms worse after meals
Symptoms and signs	Tender RUQ
Blood pressure	110/70
Heart rate	70
	<ul style="list-style-type: none"> <li>Gall Bladder Calculus</li> </ul>

### 5.3 Calculus Cholecystitis

Age	41
Gender	Female
Existing diagnosis if known	None
Presenting complaint	Severe colicky upper abdominal pain
Symptoms and signs	Tender RUQ and guarding
Blood pressure	120/80
Heart rate	80
	<ul style="list-style-type: none"><li>• Calculus Cholecystitis</li></ul>

### 5.4 Acalculus Cholecystitis

Age	45
Gender	Female
Existing diagnosis if known	None
Presenting complaint	Severe colicky upper abdominal pain
Symptoms and signs	Tender RUQ and guarding
Blood pressure	125/80
Heart rate	90
	<ul style="list-style-type: none"><li>• Acalculus Cholecystitis</li></ul>

### 5.5 Adenomyomatosis

Age	45
Gender	Female
Existing diagnosis if known	None
Presenting complaint	RUQ pain
Symptoms and signs	RUQ tenderness
Blood pressure	125/80
Heart rate	70
	<ul style="list-style-type: none"> <li>• Adenomyomatosis</li> </ul>

### 5.6 Dilated Common Bile Duct

Age	43
Gender	Female
Existing diagnosis if known	None
Presenting complaint	Pruritus
Symptoms and signs	Painless jaundice
Blood pressure	129/80
Heart rate	80
	<ul style="list-style-type: none"> <li>• Dilated Common Bile Duct</li> </ul>

### 5.7 Dilated Common Bile Duct with Calculus

Age	45
Gender	Female
Existing diagnosis if known	None
Presenting complaint	Pruritus
Symptoms and signs	Painless jaundice
Blood pressure	110/70
Heart rate	80
	• Dilated Common Bile Duct with Calculus

### 5.8 Liver Metastases Multiple Lesions Case A

Age	63
Gender	Female
Existing diagnosis if known	None
Presenting complaint	Unexplained Weight loss
Symptoms and signs	Mid upper abdominal pain
Blood pressure	120/70
Heart rate	80
	• Liver Metastases Multiple Lesions

## 6 - Obstetrics and Gynaecology

### 6.1 Ectopic Pregnancy Left Adnexa

Age	29
Gender	Female
Existing diagnosis if known	RIF pain
Presenting complaint	Tender pelvic region
Relevant history	Irregular periods
Symptoms and signs	Positive pregnancy test
Blood pressure	110/80
Heart rate	70
	<ul style="list-style-type: none"> <li>• Ampullary Ectopic Pregnancy</li> </ul>

### 6.2 Ruptured Ectopic Pregnancy Left Adnexa

Age	30
Gender	Female
Existing diagnosis if known	RIF pain
Presenting complaint	Tender LIF
Relevant history	Irregular periods
Symptoms and signs	Positive pregnancy test
Blood pressure	110/80
Heart rate	69
	<ul style="list-style-type: none"> <li>• Ruptured Ampullary Ectopic Pregnancy</li> </ul>

### 6.3 Ectopic Pregnancy Right Adnexa

Age	28
Gender	Female
Existing diagnosis if known	RIF pain
Presenting complaint	Tender LIF
Relevant history	Irregular periods
Symptoms and signs	Positive pregnancy test
Blood pressure	110/70
Heart rate	73
	<ul style="list-style-type: none"><li>• Interstitial Ectopic Pregnancy</li></ul>

### 6.4 Ruptured Ectopic Pregnancy Right Adnexa

Age	26
Gender	Female
Existing diagnosis if known	RIF pain
Presenting complaint	Tender LIF
Relevant history	Irregular periods
Symptoms and signs	Positive pregnancy test
Blood pressure	110/70
Heart rate	68
	<ul style="list-style-type: none"><li>• Ruptured Interstitial Ectopic Pregnancy</li></ul>

### 6.5 Early Pregnancy, No Gestational Sac

Age	29
Gender	Female
Existing diagnosis if known	Central pelvic pain
Presenting complaint	Tender LIF
Relevant history	Patient unsure of LMP
Blood pressure	110/70
Heart rate	90
	<ul style="list-style-type: none"> <li>• Early Pregnancy - No Sac</li> </ul>

### 6.6 IUP - 6 Weeks

Age	28
Gender	Female
Existing diagnosis if known	Asthma
Presenting complaint	Lower abdominal pain
Relevant history	Amenorrhea 2 months
Symptoms and signs	Positive UPT
Blood pressure	110/70
Heart rate	70
	<ul style="list-style-type: none"> <li>• IUP - 6 Weeks</li> </ul>

## 6.7 Large Pelvic Mass

Age	54
Gender	Female
Existing diagnosis if known	Pelvic pain
Presenting complaint	Lower abdominal pain, Urinary urgency
Relevant history	Patient unsure of LMP
Blood pressure	130/80
Heart rate	80
	• Large Pelvic Mass

## 6.8 Small Pelvic Mass

Age	54
Gender	Female
Existing diagnosis if known	None
Presenting complaint	Lower abdominal pain, urgency
Relevant history	Pelvic mass
Symptoms and signs	Recent leg swelling
Blood pressure	120/85
Heart rate	95
	• Small Pelvic Mass



## 7 - IVC Evaluation

### 7.1 Underfilled IVC (Normal Heart)

Age	43
Gender	Female
Existing diagnosis if known	Gastritis, dehydration
Presenting complaint	Abdominal pain
Relevant history	None
Symptoms and signs	Dizziness, thirst, distended tender abdomen
Blood pressure	75/30
Heart rate	110
Oxygen saturation	94
Respiratory rate	30
Relevant lab results	Not available yet
Other	None available yet
	<ul style="list-style-type: none"> <li>• Underfilled IVC (Normal Heart)</li> </ul>

### 7.2 Distended IVC (RVF)

Age	70
Gender	Female
Existing diagnosis if known	Back pain
Presenting complaint	Increasing back pain, abdominal discomfort, tiredness
Relevant history	None
Symptoms and signs	Leg edema
Blood pressure	130/70
Heart rate	89
Oxygen saturation	87
	<ul style="list-style-type: none"> <li>• Distended IVC (RVF)</li> </ul>

### 7.3 Underfilled IVC (Hypovolemic Heart)

Age	69
Gender	Female
Existing diagnosis if known	Back pain
Presenting complaint	Increasing back pain, abdominal discomfort, tiredness
Relevant history	None
Symptoms and signs	Leg edema
Blood pressure	130/70
Heart rate	90
Oxygen saturation	87
	<ul style="list-style-type: none"><li>• Underfilled IVC (Hypovolemic Heart)</li></ul>

## 8 - Trauma

### 8.1 Mild Fluid in the Right Subphrenic Space

Age	25
Gender	Female
Existing diagnosis if known	RIF pain
Presenting complaint	Abdominal pain
Relevant history	Blunt abdominal trauma from a motor vehicle collision
Symptoms and signs	Tender upper abdomen
Blood pressure	110/70
Heart rate	90
	<ul style="list-style-type: none"> <li>• Small Amount of Fluid in the Right Subphrenic Space</li> </ul>

### 8.2 Moderate Fluid in the Right Subphrenic Space

Age	42
Gender	Female
Existing diagnosis if known	SOB
Presenting complaint	Left upper quadrant pain
Relevant history	Fall from horse
Symptoms and signs	Tender LUQ
Blood pressure	130/85
Heart rate	100
	<ul style="list-style-type: none"> <li>• Medium Amount of Fluid in the Right Subphrenic Space</li> </ul>

### 8.3 Severe Fluid in the Right Subphrenic Space

Age	62
Gender	Female
Existing diagnosis if known	Mild asthma
Presenting complaint	Severe upper abdominal pain
Relevant history	Motor vehicle collision, Hit by cyclist at speed
Symptoms and signs	Severe tenderness and guarding
Blood pressure	150/100
Heart rate	90
	<ul style="list-style-type: none"><li>• Large Amount of Fluid in the Right Subphrenic Space</li></ul>

### 8.4 Mild Fluid in Morison's Pouch

Age	32
Gender	Female
Existing diagnosis if known	None
Presenting complaint	Acute Pelvic pain
Relevant history	Recurrent pelvic pain
Symptoms and signs	Tender lower abdomen
Blood pressure	110/70
Heart rate	110
	<ul style="list-style-type: none"><li>• Small Amount of Fluid in Morison's Pouch</li></ul>

### 8.5 Moderate Fluid in Morison's Pouch

Age	45
Gender	Female
Existing diagnosis if known	None
Presenting complaint	Acute RUQ pain
Relevant history	Motor vehicle collision, Steering wheel bruising
Symptoms and signs	Tender over sternum and RUQ
Blood pressure	125/80
Heart rate	100
	<ul style="list-style-type: none"> <li>• Medium Amount of Fluid in Morison's Pouch</li> </ul>

### 8.6 Severe Fluid in Morison's Pouch

Age	32
Gender	Female
Existing diagnosis if known	None
Presenting complaint	Pain RUQ
Relevant history	Motor vehicle collision, Steering wheel bruising
Symptoms and signs	Abdominal guarding
Blood pressure	150/100
Heart rate	85
	<ul style="list-style-type: none"> <li>• Large Amount of Fluid in Morison's Pouch</li> </ul>

### 8.7 Mild Fluid in the Left Subphrenic Space

Age	35
Gender	Female
Existing diagnosis if known	None
Presenting complaint	Left upper quadrant pain
Relevant history	Fall from horse
Symptoms and signs	Tender LUQ
Blood pressure	120/80
Heart rate	90
	<ul style="list-style-type: none"><li>• Small Amount of Fluid in the Left Subphrenic Space</li></ul>

### 8.8 Moderate Fluid in the Left Subphrenic Space

Age	38
Gender	Female
Existing diagnosis if known	None
Presenting complaint	Pain LUQ
Relevant history	Abdominal trauma from motor vehicle collision, steering wheel bruising
Symptoms and signs	Tender upper abdomen
Blood pressure	120/80
Heart rate	80
	<ul style="list-style-type: none"><li>• Medium Amount of Fluid in the Left Subphrenic Space</li></ul>

### 8.9 Severe Fluid in the Left Subphrenic Space

Age	39
Gender	Female
Existing diagnosis if known	None
Presenting complaint	Pain LUQ
Relevant history	Motor vehicle collision, bruising noted from steering wheel
Symptoms and signs	Semi conscious, tenderness
Blood pressure	150/100
Heart rate	80
	<ul style="list-style-type: none"> <li>• Large Amount of Fluid in the Left Subphrenic Space</li> </ul>

### 8.10 Mild Fluid in the Splenorenal Space

Age	42
Gender	Female
Existing diagnosis if known	Suspected Renal failure
Presenting complaint	Abdominal distension, leg swelling, low urine output
Relevant history	Recent Motor vehicle collision
Symptoms and signs	Tender LUQ
Blood pressure	100/60
Heart rate	90
	<ul style="list-style-type: none"> <li>• Small Amount of Fluid in the Splenorenal Space</li> </ul>

### 8.11 Moderate Fluid in the Splenorenal Space

Age	29
Gender	Female
Existing diagnosis if known	Poor renal function
Presenting complaint	SOB, confusion
Relevant history	Low blood pressure
Symptoms and signs	Tender LUQ
Blood pressure	95/70
Heart rate	80
	<ul style="list-style-type: none"><li>• Medium Amount of Fluid in the Splenorenal Space</li></ul>

### 8.12 Severe Fluid in the Splenorenal Space

Age	28
Gender	Female
Existing diagnosis if known	None
Presenting complaint	Pain LUQ
Relevant history	Abdominal bruising, hypotension, head injury.
Symptoms and signs	Semi conscious patient
Blood pressure	85/55
Heart rate	80
	<ul style="list-style-type: none"><li>• Large Amount of Fluid in the Splenorenal Space</li></ul>



### 8.13 Mild Fluid in the Pouch of Douglas

Age	33
Gender	Female
Existing diagnosis if known	LMP 14 days ago
Presenting complaint	Pelvic pain and guarding
Relevant history	Recent motor vehicle collision, Lap belt bruising
Symptoms and signs	Tender lower abdomen
Blood pressure	120/80
Heart rate	90
	<ul style="list-style-type: none"> <li>• Small Amount of Fluid in the Pouch of Douglas</li> </ul>

### 8.14 Moderate Fluid in the Pouch of Douglas

Age	37
Gender	Female
Existing diagnosis if known	None
Presenting complaint	Abdominal bloating
Relevant history	Abdominal trauma following Motor vehicle collision
Symptoms and signs	Nausea and pain
Blood pressure	120/80
Heart rate	90
	<ul style="list-style-type: none"> <li>• Medium Amount of Fluid in the Pouch of Douglas</li> </ul>

### 8.15 Severe Fluid in the Pouch of Douglas

Age	33
Gender	Female
Presenting complaint	Pelvic pain
Relevant history	Motor vehicle collision, lap belt bruising
Symptoms and signs	abdominal distension, leg swelling
Blood pressure	125/80
Heart rate	90
	<ul style="list-style-type: none"><li>• Large Amount of Fluid in the Pouch of Douglas</li></ul>

### 8.16 Mild Complex Fluid in the Right Subphrenic Space

Age	53
Gender	Female
Presenting complaint	SOB
Relevant history	Fall from horse
Blood pressure	125/80
Heart rate	110
	<ul style="list-style-type: none"><li>• Small Amount of Complex Fluid in the Right Subphrenic Space</li></ul>

### 8.17 Moderate Complex Fluid in the Right Subphrenic Space

Age	27
Gender	Female
Presenting complaint	Pain, SOB
Relevant history	Trauma, assault from blunt object
Symptoms and signs	Guarding, pain RUQ
Blood pressure	100/70
Heart rate	90
	<ul style="list-style-type: none"> <li>• Medium Amount of Complex Fluid in the Right Subphrenic Space</li> </ul>

### 8.18 Severe Complex Fluid in the Right Subphrenic Space

Age	59
Gender	Female
Existing diagnosis if known	SOB
Presenting complaint	Pyrexia, fever, rigor, abdominal guarding
Heart rate	80
	<ul style="list-style-type: none"> <li>• Large Amount of Complex Fluid in the Right Subphrenic Space</li> </ul>

### 8.19 Mild Complex Fluid in Morison's Pouch

Age	39
Gender	Female
Existing diagnosis if known	UTI
Presenting complaint	Pain, fever
Relevant history	UTI
Symptoms and signs	Pain, fever
Blood pressure	120/80
Heart rate	100
Relevant lab results	Non visible haematuria
	<ul style="list-style-type: none"> <li>• Small Amount of Complex Fluid in Morison's Pouch</li> </ul>

### 8.20 Moderate Complex Fluid in Morison's Pouch

Age	32
Gender	Female
Existing diagnosis if known	None
Presenting complaint	Acute Pelvic pain
Relevant history	Unknown LMP
Symptoms and signs	Acute pelvic pain
Blood pressure	110/70
Heart rate	90
	<ul style="list-style-type: none"> <li>• Medium Amount of Complex Fluid in Morison's Pouch</li> </ul>

### 8.21 Severe Complex Fluid in Morison's Pouch

Age	48
Gender	Female
Existing diagnosis if known	Multiple organ trauma
Presenting complaint	Acute abdominal pain
Relevant history	Serious motor vehicle collision
Blood pressure	50/60
Heart rate	100
	<ul style="list-style-type: none"> <li>• Large Amount of Complex Fluid in Morison's Pouch</li> </ul>

### 8.22 Mild Complex Fluid in the Left Subphrenic Space

Age	73
Gender	Female
Presenting complaint	Pain LUQ, Breathlessness
Relevant history	Fall down stairs
Symptoms and signs	LUQ pain, breathless
Blood pressure	120/80
Heart rate	100
	<ul style="list-style-type: none"> <li>• Small Amount of Complex Fluid in the Left Subphrenic Space</li> </ul>

### 8.23 Moderate Complex Fluid in the Left Subphrenic Space

Age	39
Gender	Female
Presenting complaint	Pain
Relevant history	Trauma following Motor vehicle collision 2 days ago
Symptoms and signs	Pain
Blood pressure	110/70
Heart rate	90
	<ul style="list-style-type: none"><li>• Medium Amount of Complex Fluid in the Left Subphrenic Space</li></ul>

### 8.24 Severe Complex Fluid in the Left Subphrenic Space

Age	51
Gender	Female
Presenting complaint	Pain and generally unwell
Heart rate	90
	<ul style="list-style-type: none"><li>• Large Amount of Complex Fluid in the Left Subphrenic Space</li></ul>

### 8.25 Mild Complex Fluid in the Splenorenal Space

Age	69
Gender	Female
Existing diagnosis if known	Fractured ribs
Presenting complaint	Abdominal pain
Relevant history	SOB, flank pain, 2 day old sports injury
Symptoms and signs	Tender flanks
Blood pressure	120/80
Heart rate	90
Relevant lab results	Non visible haematuria and pyurea
	<ul style="list-style-type: none"> <li>• Small Amount of Complex Fluid in the Splenorenal Space</li> </ul>

### 8.26 Moderate Complex Fluid in the Splenorenal Space

Age	43
Gender	Female
Existing diagnosis if known	Fractured ribs and trauma to LUQ
Presenting complaint	Pain
Relevant history	Trauma following Motor vehicle collision 2 days ago
Symptoms and signs	Pain
Heart rate	90
	<ul style="list-style-type: none"> <li>• Medium Amount of Complex Fluid in the Splenorenal Space</li> </ul>

### 8.27 Severe Complex Fluid in the Splenorenal Space

Age	34
Gender	Female
Existing diagnosis if known	Unknown
Presenting complaint	Unconscious
Relevant history	Found with severe bleeding
Blood pressure	80/50
Heart rate	60
	<ul style="list-style-type: none"><li>• Large Amount of Complex Fluid in the Splenorenal Space</li></ul>

### 8.28 Mild Complex Fluid in the Pouch of Douglas

Age	36
Gender	Female
Presenting complaint	Acute lower abdominal pain
Relevant history	Day 14 of menstrual cycle
Symptoms and signs	Pelvic pain
Blood pressure	120/80
Heart rate	90
	<ul style="list-style-type: none"><li>• Small Amount of Complex Fluid in the Pouch of Douglas</li></ul>



### 8.29 Moderate Complex Fluid in the Pouch of Douglas

Age	41
Gender	Female
Existing diagnosis if known	None
Presenting complaint	Acute lower abdominal pain
Relevant history	Positive pregnancy test
Symptoms and signs	Pelvic pain
Heart rate	70
	<ul style="list-style-type: none"> <li>• Medium Amount of Complex Fluid in the Pouch of Douglas</li> </ul>

### 8.30 Severe Complex Fluid in the Pouch of Douglas

Age	34
Gender	Female
Existing diagnosis if known	None
Presenting complaint	Acute pelvic pain
Relevant history	Positive pregnancy test
Symptoms and signs	Pain and guarding
Blood pressure	105/70
Heart rate	80
Relevant lab results	BHCG 65320 mIU/mL
	<ul style="list-style-type: none"> <li>• Large Amount of Complex Fluid in the Pouch of Douglas</li> </ul>

## 9 - Multiple System Pathologies

### 9.1 Small Fluid in Morison's Pouch and Medium Fluid in the Left Subphrenic Space

Age	60
Gender	Female
Presenting complaint	Abdominal distension, guarding
Heart rate	80
	<ul style="list-style-type: none"><li>• Small Amount of Fluid in Morison's Pouch</li><li>• Medium Amount of Fluid in the Left Subphrenic Space</li></ul>

### 9.2 Large Fluid in Morison's Pouch, Medium Fluid in the Pouch of Douglas, and Large Fluid in the Right Subphrenic Space

Age	61
Gender	Female
Presenting complaint	Pyrexia, fever, rigors, abdominal guarding
Heart rate	80
	<ul style="list-style-type: none"><li>• Medium Amount of Fluid in the Pouch of Douglas</li><li>• Large Amount of Fluid in the Right Subphrenic Space</li><li>• Large Amount of Fluid in Morison's Pouch</li></ul>

### 9.3 Medium Fluid in Morison's Pouch, and Large Fluid in the Pouch of Douglas

Age	28
Gender	Female
Presenting complaint	Abdominal and pelvic pain
Relevant history	Positive pregnancy test
Symptoms and signs	Pain
Heart rate	90
Relevant lab results	BHCG 23042 mIU/mL
	<ul style="list-style-type: none"><li>• Large Amount of Fluid in the Pouch of Douglas</li><li>• Medium Amount of Fluid in Morison's Pouch</li></ul>

9.4 Small Fluid in the Left Subphrenic Space, Small Fluid in the Splenorenal Space, and Medium Fluid in the Pouch of Douglas

Age	31
Gender	Female
Presenting complaint	Abdominal and pelvic pain, SOB
Symptoms and signs	Pain
Heart rate	90
Relevant lab results	BHCG 10247 mIU/mL
	<ul style="list-style-type: none"> <li>• Medium Amount of Fluid in the Pouch of Douglas</li> <li>• Small Amount of Fluid in the Left Subphrenic Space</li> <li>• Small Amount of Fluid in the Splenorenal Space</li> </ul>

### 9.5 Small Right Pleural Effusion, Small Left Pleural Effusion, and Large Pelvic Mass

Age	56
Gender	Female
Existing diagnosis if known	Ovarian Carcinoma with lung mets
Presenting complaint	SOB
Symptoms and signs	Palpable pelvic mass
Heart rate	90
Relevant lab results	Raised CA125
	<ul style="list-style-type: none"> <li>• Large Pelvic Mass</li> <li>• Small Left Pleural Effusion</li> <li>• Small Right Pleural Effusion</li> </ul>

### 9.6 Medium Right Pleural Effusion, Medium Left Pleural Effusion, and Large Pelvic Mass

Age	57
Gender	Female
Existing diagnosis if known	Ovarian Carcinoma with lung mets
Presenting complaint	SOB
Relevant history	Leg swelling
Symptoms and signs	Palpable pelvic mass
Heart rate	90
Relevant lab results	Raised CA125
	<ul style="list-style-type: none"> <li>• Large Pelvic Mass</li> <li>• Small Left Pleural Effusion</li> <li>• Small Right Pleural Effusion</li> </ul>

### 9.7 Large Right Pleural Effusion, Large Left Pleural Effusion, and Large Pelvic Mass

Age	62
Gender	Female
Existing diagnosis if known	Ovarian Carcinoma with lung mets
Presenting complaint	SOB, Abdominal swelling, Voiding symptoms
Symptoms and signs	Palpable pelvic mass , breathless
Blood pressure	125/80
Heart rate	90
Relevant lab results	Raised CA125
	<ul style="list-style-type: none"> <li>• Large Pelvic Mass</li> <li>• Large Left Pleural Effusion</li> <li>• Large Right Pleural Effusion</li> </ul>

### 9.8 Small Right Pleural Effusion, Small Left Pleural Effusion, Liver Metastases Multiple Lesions, and Large Pelvic Mass

Age	66
Gender	Female
Presenting complaint	SOB
Blood pressure	129/80
Heart rate	90
Oxygen saturation	80
	<ul style="list-style-type: none"> <li>• Large Pelvic Mass</li> <li>• Small Left Pleural Effusion</li> <li>• Liver Metastases Multiple Lesions</li> <li>• Small Right Pleural Effusion</li> </ul>

9.9 Medium Right Pleural Effusion, Medium Left Pleural Effusion, Liver Metastases Multiple Lesions, and Large Pelvic Mass

Age	69
Gender	Female
Presenting complaint	SOB
Blood pressure	125/90
Heart rate	90
Oxygen saturation	80
	<ul style="list-style-type: none"> <li>• Large Pelvic Mass</li> <li>• Medium Left Pleural Effusion</li> <li>• Liver Metastases Multiple Lesions</li> <li>• Medium Right Pleural Effusion</li> </ul>

9.10 Large Right Pleural Effusion, Large Left Pleural Effusion, Liver Metastases Multiple Lesions, and Large Pelvic Mass

Age	52
Gender	Female
Presenting complaint	SOB
Blood pressure	130/85
Heart rate	90
Oxygen saturation	80
	<ul style="list-style-type: none"> <li>• Large Pelvic Mass</li> <li>• Large Left Pleural Effusion</li> <li>• Liver Metastases Multiple Lesions</li> <li>• Large Right Pleural Effusion</li> </ul>

9.11 Small Fluid in Morison's Pouch, Decidualized Endometrium, and Fluid in the Pouch of Douglas

Age	21
Gender	Female
Presenting complaint	Pelvic Pain
Relevant history	Amenorrhea 2 months
Symptoms and signs	Positive UPT
Blood pressure	95/70
Heart rate	90
	<ul style="list-style-type: none"> <li>• Early Pregnancy - No Sac</li> <li>• Small Amount of Fluid in Morison's Pouch</li> </ul>

9.12 Small Fluid in Morison's Pouch, Decidualized Endometrium, and Fluid in the Pouch of Doulgas

Age	21
Gender	Female
Presenting complaint	Pelvic Pain
Relevant history	Amenorrhea 2 months
Symptoms and signs	Positive UPT
Blood pressure	110/75
Heart rate	90
	<ul style="list-style-type: none"> <li>• Ruptured Ampullary Ectopic Pregnancy</li> <li>• Small Amount of Fluid in Morison's Pouch</li> </ul>

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