

Patient #092

Chief Complaint: This 65 year old white male has had right rib pain for 1 year. The pain has been severe for the past one and a half weeks.

History of Present Illness: The patient developed pain in his lower right rib region about 1 year ago. It became so severe 1.5 weeks ago that he had difficulty sleeping. He then required morphine for relief. The pain was worse with deep breathing, coughing, sneezing and movement of his chest. A bone scan prior to admission showed multiple abnormal foci in an asymmetric pattern in bones including the ribs on the right and the left, ischium and tibia. An X-ray of his right ribs showed a fracture. There was no history of trauma.

He had smoked 1 pack per day for 35 years but quit 2 years ago. He denied other symptoms including any related to his bowels or urinary system. He had not seen blood in his stool or urine. He had gained 15 pounds over the past month or so. Nausea had occurred once a week. Prior laboratory studies were said to show a normal serum leucine aminopeptidase, but an elevated alkaline phosphatase.

Previous Medical/Surgical History: Degenerative joint disease for which he had a right hip arthroplasty 3 months previously. Nephrolithiasis for which he had a lithotripsy. Crohn's disease for which he has a resection of his transverse colon 12 years before and resection of his small bowel 5 years before. Transurethral resection of his prostate on two occasions; no malignancy was reported. Hypertension and hypothyroidism.

Medications: Morphine, Tylenol #4, Nortriptyline, Zantac, Torecan, Azulfidine, Synthroid, Lasix, KCl, Folic Acid.

Social History: The patient is a retired tool and dye maker.

Physical Examination: the patient appeared to be in marked pain. Vital signs: BP 121/73, pulse 103/min, respirations 20/min. There was marked tenderness over the right lower rib cage. Tenderness was also present over the left rib cage. There were no nodules in his prostate. There were no other significant findings.

Laboratory Data:

			at a later date	Normal
CBC	Hct	36.1	33.0	42-52%
	Hgb	12.5	11.3	14.0-18.0g/dl.
	MCV	90.2		80-100 fl
	MCHC	31.1		32-36%
	RBC	3.8	3.6	4.2-6.2 X 10 ³ /mm ³
	WBC	8.1		4-10 X 10 ⁹ /L
	Neut	75		50-75 %
	lymph's	22		20-50 %
	mono	normal		3-10 %
	platelet count	314		200-400 X 10 ⁹ /L
Chemistries	sodium	138		136-146 mmol/l
	potassium	4.0		3.5-5.0 mmol/l
	chloride	111		99-111 mmol/l
	CO2	18		24-34 mmol/l
	creatinine	1.1		.9-1.3 mg/dl
	BUN	6.0		8-20 mg/dl
	calcium	8.5	8.7	8.6-10.2 mg/dl
	phosphorus	2.4	2.2	2.5-4.9 mg/dl
	magnesium	2.1		1.5-2.3 mg/dl
	protein, total	6.1		6.0-8.3 g/dl
	albumin	3.1		3.5-4.9 g/dl
	bilirubin, total	0.4		.1-1.1 mg/dl
	AST (SGOT)	16		2-35 U/L
	ALT (SGPT)	13		0-45 U/L
	LDH	220	206	60-200 U/L
	ALP	353	321	30-130 U/L
	Serum leucine-amino peptidase	14 (normal)		
	PT	13.0		10-13 sec
	TSH	0.6		0.3-6.5 uU/ml
	PSA	<1		up to 4 ng/ml

Serum protein electrophoresis: no monoclonal spike.

Urinalysis: normal

Chest X-ray : non-specific interstitial markings in right upper lobe. Sputum negative for malignant cells.