

## **Patient #011**

**Chief Complaint:** This 53 year old black male presented with a leg ulcer.

**History of Present Illness:** The patient developed an ulcer on the right lower leg approximately 1 year prior to admission. The ulcer slowly increased in size, but appeared to worsen over the last 6 months. The ulcer was painless, and exuded foul-smelling pus which would harden and subsequently fall off. The patient also developed a dry hacking cough 6 months prior to admission, and lost approximately 15 lbs. He denied fevers, chills, night sweats, hemoptysis, or shortness of breath.

**Past Medical History:** Hypertension for several years. No history of diabetes mellitus.

**Medications:** none.

**Allergies:** none known.

**Family History:** noncontributory.

**Social History:** He has smoked 1 pack of cigarettes per day for 25 years. He drinks alcohol occasionally. He does not use illicit drugs.

**Physical Examination:** Thin black male in no acute distress. BP 120/80; pulse 80; respirations 18; temperature 98.6°F (37°C).

The head was normocephalic and atraumatic. The conjunctivae were pale. The sclerae were anicteric. The pupils were equal, round, and reactive to light and accommodation. The oropharynx was benign. The neck was supple. There was no lymphadenopathy or thyromegaly. The lungs were clear. The heart had normal sounds, no gallops, and no murmurs. The abdomen was soft, with normoactive bowel sounds. There was no tenderness, hepatosplenomegaly, or masses. Rectal examination was normal; the stool was guaiac negative. There was a well circumscribed ulcer of the right medial calf, with crusting and necrotic material that was foul smelling. There was no cyanosis, clubbing, or edema; distal pulses were 2+ and symmetric. The neurologic examination was normal.

## **Laboratory Data:**

*Normal*

<b>CBC</b>	Hct	23.4	42-52%
	Hgb	7.1	14.0-18.0g/dl.
	MCV	72	84-99 fl
	WBC	12.2	4.8-10.8 X 10 <sup>9</sup> /L
	Neut	81	40-70 %
	lymphs	5	25-45 %
	mono	8	2-12 %
	bands	6	0-10 %
	platelet count	300	150-400 X 10 <sup>9</sup> /l
<b>Chemistries</b>	sodium	139	135-149 mmol/l
	potassium	5.1	3.5-5.3 mmol/l
	chloride	104	98-108 mmol/l
	CO2	25	24-32 mmol/l
	creatinine	0.8	0.5-1.5 mg/dl
	BUN	12	6-20 mg/dl
	glucose	92	70-110 mg/dl
	protein, total	6.3	6.0-8.0 g/dl
	albumin	2.3	3.6-5.0 g/dl
	bilirubin, total	0.8	0-1.2 mg/dl
	AST (SGOT)	49	0-50 U/L
	ALT (SGPT)	52	0-70 U/L
	LDH	125	0-250 U/L

**Chest X-ray** : interstitial infiltrates throughout both lung fields; heart size normal

**EKG**: unremarkable.