

Table 3. Bone involvement pattern.

<b>Patient ID</b>	<b>Pre-treatment FDG-uptake pattern</b>	<b>Pre-treatment morphological pattern</b>	<b>Post-treatment FDG uptake pattern</b>	<b>Post-treatment morphological pattern</b>
1	Mixed, predominantly diffuse with focal lesions	MRI: focal lesions CT: mottled appearance with focal lytic lesions	FDG uptake resolved	MRI: focal lesions resolved CT: no change
2	Predominantly diffuse also involving long bones	MRI: diffuse marrow replacement CT: innumerable lytic lesions	FDG uptake resolved, especially in long bones	MRI: marrow lesions resolved CT: innumerable lytic lesions, more sclerosis
3	Focal lesions Some FDG-avid lesions are not seen on MRI or CT	MRI: focal lesions, some lesions not FDG avid CT: lytic lesions	Not done	Not done
4	Diffuse marrow uptake	MRI: diffuse marrow change with focal lesions CT: innumerable lytic lesions	Diffuse marrow uptake resolved	MRI: resolved CT: lytic lesions are less in number, new areas of sclerosis likely treated disease
5	Diffuse marrow uptake, no focal lesions except at T12/L1 fractures	MRI: diffuse marrow replacement CT: mottled appearance, no focal lytic lesion	FDG uptake resolved	MRI: resolved, fatty conversion CT: no change
6	Innumerable lesions	MRI: Diffuse marrow replacement CT: innumerable lytic lesions	Died	
7	Diffuse mild marrow uptake Focal extraosseous right axillary node	MRI: diffuse marrow replacement, no focal lesions CT: no focal lytic lesion	FDG uptake resolved Extraosseous right axillary node resolved	MRI: resolved CT: no change
8	Mixed Focal on diffuse	MRI: diffuse marrow replacement, DWI multiple focal lesions CT: lytic lesions	Not done	Not done
9	Mixed Focal on diffuse	MRI: innumerable focal lesions, DWI same CT: innumerable lytic lesions	Died	
10	No FDG avid lesions Insufficiency fractures with FDG uptake	MRI: multiple T1-hypointense lesions with no FDG-avidity, DWI shows multiple lesions with no FDG-avidity CT: multiple fractures, no focal lytic lesions	FDG unchanged, normal	MRI: overall less vertebral involvement by T1-hypointense and DWI intense lesions. CT: unchanged
11	Focal right humerus	MRI: dominant right humerus lesion, several tiny lesions on MRI (right iliac wing) too small for PET CT: dominant right humerus, innumerable lytic lesions.	FDG uptake resolved but many more sites of extraosseous nodal disease	MRI: both the lesions at the right humerus and the right iliac bone resolved CT: unchanged
12	Normal	No lesions on MRI or CT	Normal scan	No lesions on MRI or CT

CT: computed tomography; DWI: diffusion-weighted imaging; FDG: fluorodeoxyglucose; MRI: magnetic resonance imaging; PET: positron emission tomography