

Minimal data for staging

- Thickness
- Ulceration
- Mitotic rate
- Nodal status
- Visceral involvement
- LDH x2

Additional core data

- Regression
- Vessel invasion
- TILs
- Tumour sub type
- Site of tumour
- Sex
- Age
- SNB positivity

Determinants of survival

- Breslow thickness
- Ulceration
- Mitotic rate
- Other path features
- Site
- Sex
- Age
- SNB positivity

AJCC stage

Vitamin D

Other things

BMI

Deprivation index

Biomarkers

Key clinical outcomes analyses for melanoma

- Stage at diagnosis
- Cancer treatment times
- Adequacy of surgery
- Proportion offered/participated in clinic trials
- Proportion treated with first line/second line chemo
- Relapse free survival
- Overall survival

Using information to improve quality & choice

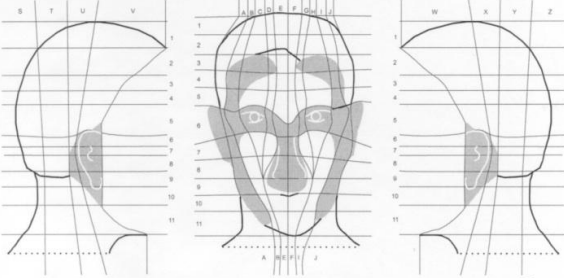
Melanoma Data Set

- Data which are important but will be collected anyway as part of the common data set
 - Age at diagnosis
 - Sex
 - Postcode derived deprivation measure
 - BMI
- Data which could be entered on a stylized pathology request form (as developed in prototype form by the Leeds group)
 - Tumour site trunk/limb
 - Immunosuppressed yes/no
 - Clinical diameter of the tumour

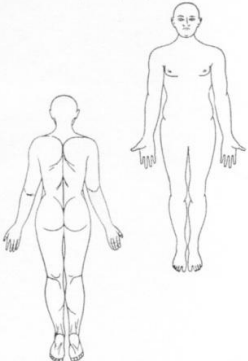
Stylised dermatopathology request form

Dermatopathology

Please mark clearly the site(s) of lesions or the distribution of the disease/rash



Mandatory for Clinician to complete:		A	B	C	D
Clinical size (max diameter) (mm)
Surgical margin (mm)
Intention		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Biopsy	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Excision	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Curative curettage	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Procedure		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Curettage	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Shave Biopsy	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Punch biopsy	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Incisional biopsy	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Excision	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Recurrent tumour	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Immunocompromised	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SCC arising in areas of radiation or thermal injury, chronic draining sinuses, chronic ulcers, chronic inflammation or Bowen's disease.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



For Pathology	
BCC High Risk	SCC High Risk
Tumour size (>20mm)	Tumour site
Tumour site (H-Zone)	SCC of lip and ear.
Tumour type	Tumours arising in non sun exposed sites (eg perineum, sacrum, sole of foot).
morphitic	SCC arising in areas of radiation or thermal injury, chronic draining sinuses, chronic ulcers, chronic inflammation or Bowen's disease.
infiltrative	
basosquamous	Size (>20mm)
perineural	Depth (>4mm)
Recurrent tumours	Differentiation
Immunocompromised patients	Poorly Differentiated
	Recurrent tumours
	Immunocompromised patients

Pathology reports: at least a component of which must be electronically collected in data fields

- Tick box data fields
 - Growth phase
 - In situ
 - Radial
 - Vertical
 - Breslow thickness in mm

Data to be collected by the MDT at entrance to the service



- Sentinel node biopsy status
 - Positive
 - Negative
 - Not done
- Final margin of excision (after wide local excision)
- WHO performance status
- Height
- Weight
- AJCC stage at diagnosis
- Offered adjuvant clinical trial?
 - Yes
 - Name
 - Accepted Y/N
 - No

Data collected continuously by the MDT team

- Has this patient relapsed (yes)?
 - Yes
 - No (date)
- Relapse data
 - Date of first relapse
 - Site of first relapse
 - Stage at first relapse
 - Offered adjuvant clinical trial?
 - Yes
 - Name
 - Accepted Y/N
 - No

- Stage IV melanoma
 - Not progressed to stage IV by (date)
 - Stage IV diagnosed (date)
 - Co-morbidities ? ICD 10
 - Performance status ?Karnofsky
 - Offered adjuvant clinical trial?
 - Yes
 - Name
 - Accepted: Yes/No
 - No
 - 1st line chemotherapy started (date)
 - Response
 - Progression
 - Stable
 - Partial response
 - CR
 - 2nd line chemotherapy started (date)
 - Response etc

Data collection

- *Use data already available*
- *Collect crucial data only*
- Use a national dermatopathology request form to collect data on site, immunosuppression etc
- Use electronic short cuts: pathology data fields
- Build into MDTs: Peer Review