



# Skin cancer surgical audit

## explanation of report and request form requirements

All lesions included in the reports have been submitted on surgical audit forms with clinical data completed in the table on the front or reverse of the form.

The pool statistics include all lesions for doctors with the same specialty classification. The General Practitioner Pool includes:

- General Practitioner
- General Practitioner plus skin cancer work
- Dedicated Skin Cancer Practitioner

### PAGE 1 Reports

#### PATIENT SUMMARY

**Patient episodes for histology:** total number of patient episodes referred for histology for the interval (includes request forms with and without clinical data recorded in the grid).

**Patient episodes in audit:** number of patient episodes included in the audit (request form has clinical data recorded)

**Previously Bx/excised lesions:** Number of lesions recorded as "no" or left blank in column headed "New lesion: Yes or No" on the surgical audit form. These lesions are excluded from the diagnostic accuracy graph and table and statistics pertaining to new lesions.

**New Lesions:** Number of lesions recorded as "new" or "yes" in column headed "New lesion: Yes or No" on the surgical audit form. Lesions are considered new if they are being referred for histology for the first time. New lesions are included in the diagnostic accuracy graph and table and statistics pertaining to new lesions.

**MALIGNANT BY HISTOLOGY** - BCC, SCC, IEC, melanoma and other malignant.

**All lesions:** percentage of all new lesions - biopsied and surgically managed - that were histologically diagnosed as malignant.

**Surgically managed:** percentage of all new, surgically-managed lesions that were histologically diagnosed as malignant.

#### NNT REPORT (NUMBER NEEDED TO TREAT)

Data for the Number Needed to Treat (NNT) calculations includes new lesions where "exclude melanoma" and/or "exclude NMSC" is recorded on the request form.

NNT normalises data to enable comparison between your results and those of your peer group and the 'all GPs pool' e.g. If you indicate 'exclude melanoma' for 15 new lesions and 2 are found to be histologically confirmed then your NNT for melanoma is  $15 / 2 = 7.5$ .

NNT data are presented as national for the total peer and "all GPs" pool and stratified into regional values to enable comparison by geographic location.

#### DIAGNOSTIC ACCURACY GRAPHS

Diagnostic accuracy measures the provisional diagnosis vs the histological diagnosis and is presented as a percentage. New lesions are included when the provisional diagnosis is recorded on the request form ("not given" are excluded). Values for personal, peer and all GPs are included.

**Diagnostic accuracy - all lesions**

All new lesions

**Diagnostic accuracy - dermatoscopically assessed lesions**

Includes only lesions when dermatoscopy is ticked (yes) on the request form.

**Diagnostic accuracy - non-dermatoscopically assessed lesions**

Includes only lesions when dermatoscopy is not ticked (no) on the request form.

### PAGE 2 Reports

#### DEFINITIVE MANAGEMENT GRAPH

Percentage breakdown of each surgical management type used for both new and previously biopsied or excised lesions.

#### MARGIN CLEARANCE GRAPH

Percentage of lesions that were clear of the histological margin for each surgical management type for new and previously biopsied or excised lesions.

### PAGE 3 Reports

**DIAGNOSTIC ACCURACY AND SENSITIVITY TABLE** (Note: excludes lesions where Provisional Diagnosis = not given)

Report includes provisional diagnosis versus histological diagnosis for all new lesions.

**DIAGNOSTIC ACCURACY:** Percentage of lesions where the provisional diagnosis matched the histological diagnosis.

**DIAGNOSTIC SENSITIVITY:** Percentage of number of provisional diagnoses that matched the overall number of histological diagnoses for that diagnosis.

#### IMPORTANT NOTES:

**Lesions submitted without the following data recorded on the request form can affect aspects of the report**

**NEW LESION?:** Lesions that are not ticked as 'new' will default to 'old' and will not be included in diagnostic accuracy graphs, diagnostic accuracy table or NNT calculations.

**PROVISIONAL DIAGNOSIS:** One provisional diagnosis (PD) is required for all new lesions. Lesions where provisional diagnosis = not given may affect report calculations.

**EXCLUDING MELANOMA AND OR NMSC:** Only lesions with a tick for 'Exclude melanoma' and/or "exclude NMSC" will be included in NNT calculations.

**BIOPSY OR SURGICAL MANAGEMENT:** Only one procedure type can be entered for each lesion. Choose a surgical management if the procedure is intended to definitively surgically manage the lesion. Biopsies are not included in the surgical management or margin clearance graphs. (See over for request form data requirements)

# Clinical Audit – skin cancer request form clinical data requirements

## A. Body Region

Select from the key.

## B. Specimen site

Specific lesion location written in free text.

## C. New lesion?

Tick when a lesion is referred for histology for the first time. New lesions are included in the diagnostic accuracy and NNT components of the audit report.

## D. Provisional Diagnosis or past biopsy result

Select from the key. The provisional diagnosis for a new lesion is used in the diagnostic accuracy graphs and table.

Include the histological diagnosis for previously biopsied/excised lesions with reviewing the re-excision and original histology diagnoses in episode summary reports.

## E. Exclude Melanoma

Tick when the lesion is referred to exclude Melanoma. The lesion will be counted in the NNT.

## F. Exclude NMSC?

Tick when the lesion is referred to exclude a non-melanoma skin cancer. The lesion will be counted in the NNT.

## G. Current biopsy type

Select from the key. Histologically reported margins will not be included in the margin clearance graph.

## H. Current surgical management

Select from the key. Histologically reported margins will be reported in the margin clearance graph.

## I. Dermoscopy

Tick when the lesion is viewed with a dermatoscope. Use of dermoscopy is included in the diagnostic accuracy graphs.

Surgical Audit reports are the interval reports issued for the clinical audit. Histology reporting is independent and remains unchanged in the context of the doctor and pathologist arrangements.

## Surgical audit: General

Number each specimen clearly and record details below

Body region See key below	Specimen site - free text write specific specimen location (eg L cheek)	New Lesion? ✓ if yes no prior histo performed	Provisional diagnosis (PD) or past biopsy result See key	Exclude melanoma?† ✓ if testing to exclude melanoma or NMSC	Exclude NMSC?†	Current biopsy type* See key	Current surgical management See key	Dermoscopy ✓ if yes
A	B	C	D	E	F	G	H	I

**Key** - Please note marking on diagrams cannot be used for surgical audit purposes. Please complete the grid above

### Body region

Abdomen  
Arm  
Back  
Buttock  
Chest  
Ear  
Eyelid  
Finger  
Finger palmar  
Foot  
Foot plantar  
Forearm (elbow and below)  
Genitalia  
Hand  
Hand palmar  
Leg (knee and below)  
Lip  
Neck  
Nose  
Other face  
Scalp  
Shoulder  
Thigh  
Toe  
Toe plantar

### Provisional diagnosis or past biopsy result

BCC Basal Cell Carcinoma  
B Cyst Benign cyst  
DF Dermatofibroma  
IEC IEC/Bowens disease  
KA Keratoacanthoma  
LPLK Lichen Planus like Keratosis  
MCC Merkel cell carcinoma  
OB Other benign  
OM Other malignant  
SCC Squamous Cell Carcinoma  
SebK Seborrheic keratosis  
SGH Sebaceous Gland Hyperplasia  
SK Solar keratosis  
SL Solar lentigo  
HMF Hutchinson's Melanotic Freckle  
MMinv Melanoma: invasive  
MMis Melanoma: in situ  
MMmet Melanoma: metastasis  
BN Naevus: Blue  
DN Naevus: Dysplastic  
N Naevus: Banal  
SN Naevus: Spitz

### Current biopsy type \*margins are not reported

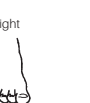
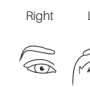
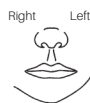
C Curettage  
Ex Excisional  
I Incisional  
PS Punch sample  
PR Punch removal  
SS Shave sample  
SR Shave removal  
O Other

### Current surgical management (margins reported when applicable)

E Ellipse  
F Flap  
SSG Graft: SSG  
FTG Graft: FTG  
NC No closure  
SxEx Shave/Saucerisation  
CxEx Curettage and Cautery  
O Other (inc MOHS)

### Notes:

- Provisional diagnosis (PD):** required to include new lesions in the PD report
- Exclude Melanoma / NMSC**  
‡ tick box if testing to exclude melanoma  
† tick box if testing to exclude NMSC  
These lesions are included in the Number Needed to Treat calculations on your report.
- Biopsy OR Surgical Management:** only enter one, if there is an entry in both the Surgical Management will be used.
- MOHS:** record "MOHS" with specimen site (eg L cheek MOHS) - Current surgical management = O (other)



### Notes

Select a Biopsy type or Surgical Management type. Where both are indicated the surgical management will be selected.

**NNT:** Number needed to treat

**NMNC:** Non-melanoma skin cancer

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