

Explanation of Skin Cancer Surgical Audit reports

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

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PATIENT SUMMARY

Patient episodes for histology: total number of patient episodes referred for histology for the interval (includes request form 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.

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DEFINITIVE MANAGEMENT GRAPH

Percentage breakdown of each surgical manage 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 new and previously biopsied or excised lesions.

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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.