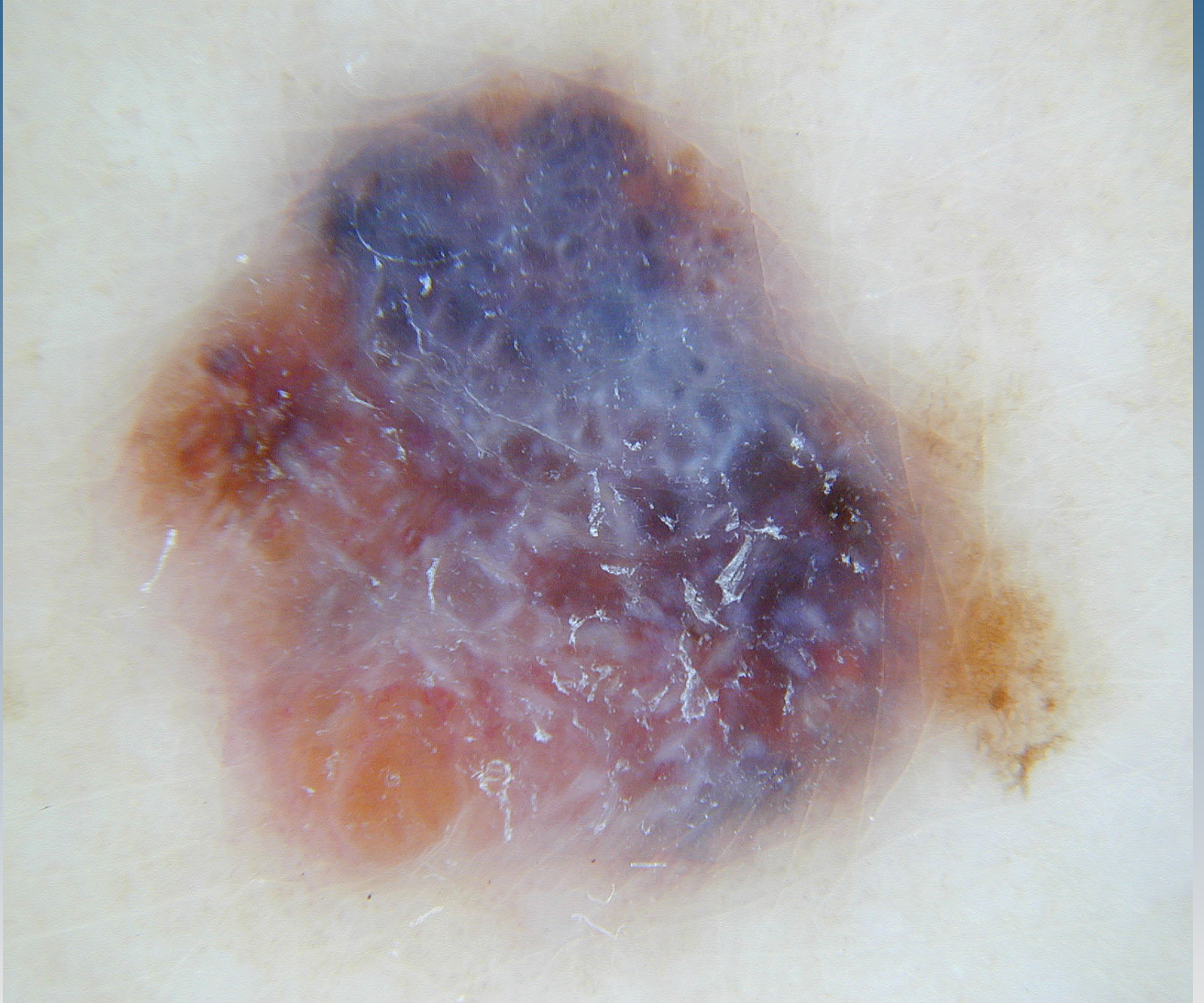
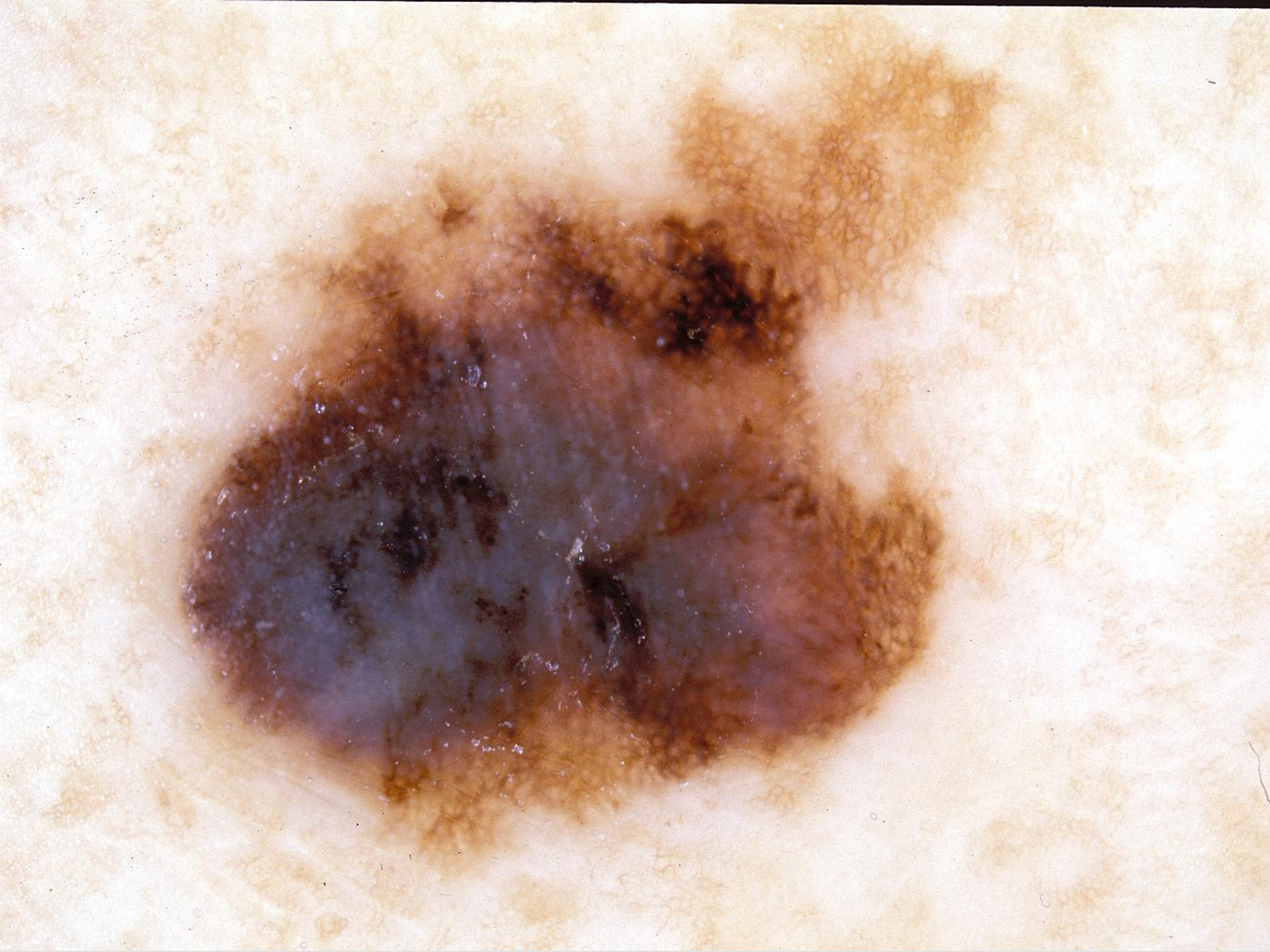


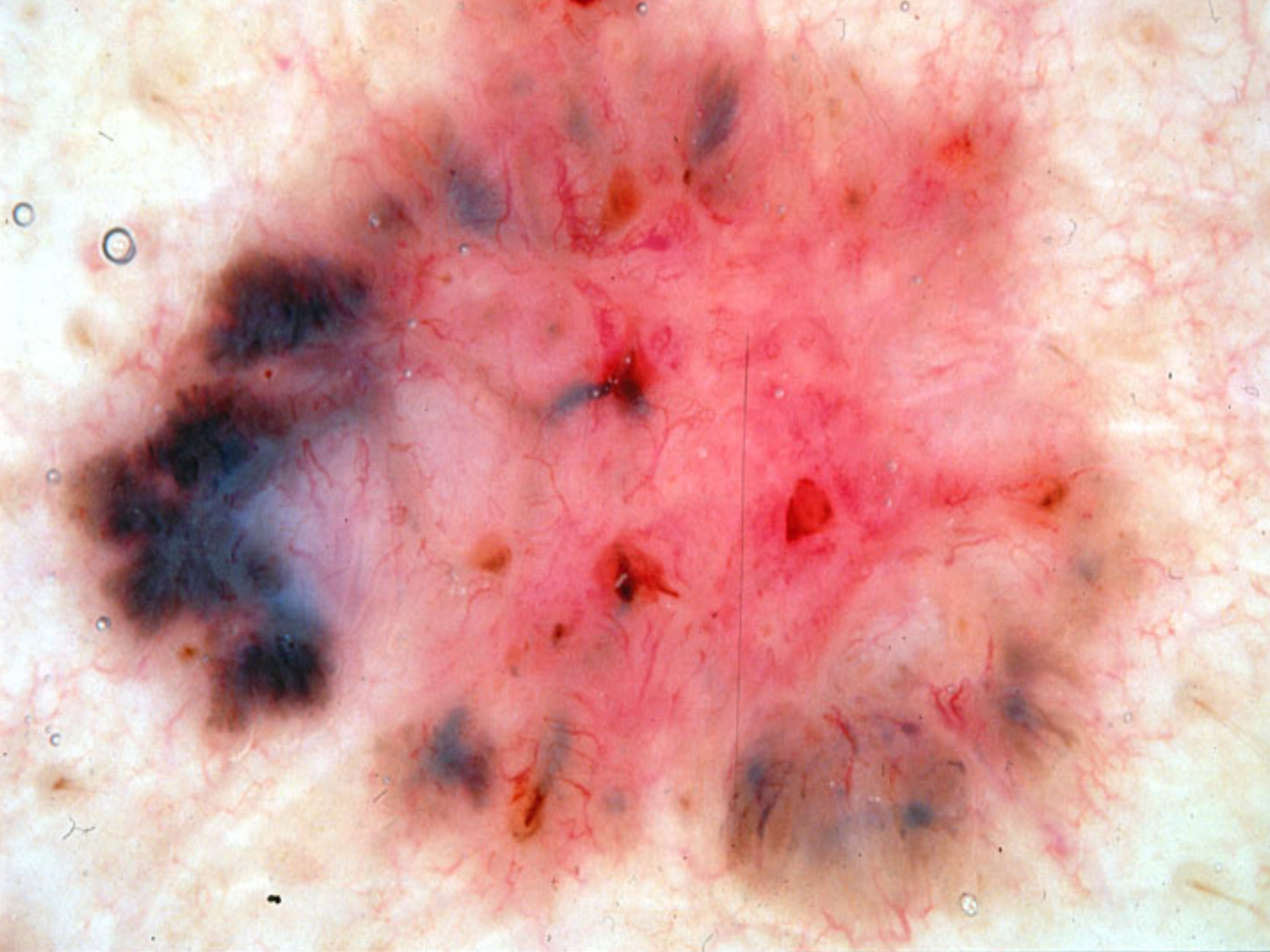
Puntuació

Lesió BENIGNA si 0 o 1 criteris

Lesió SOSPITOSA si 2 o 3 criteris

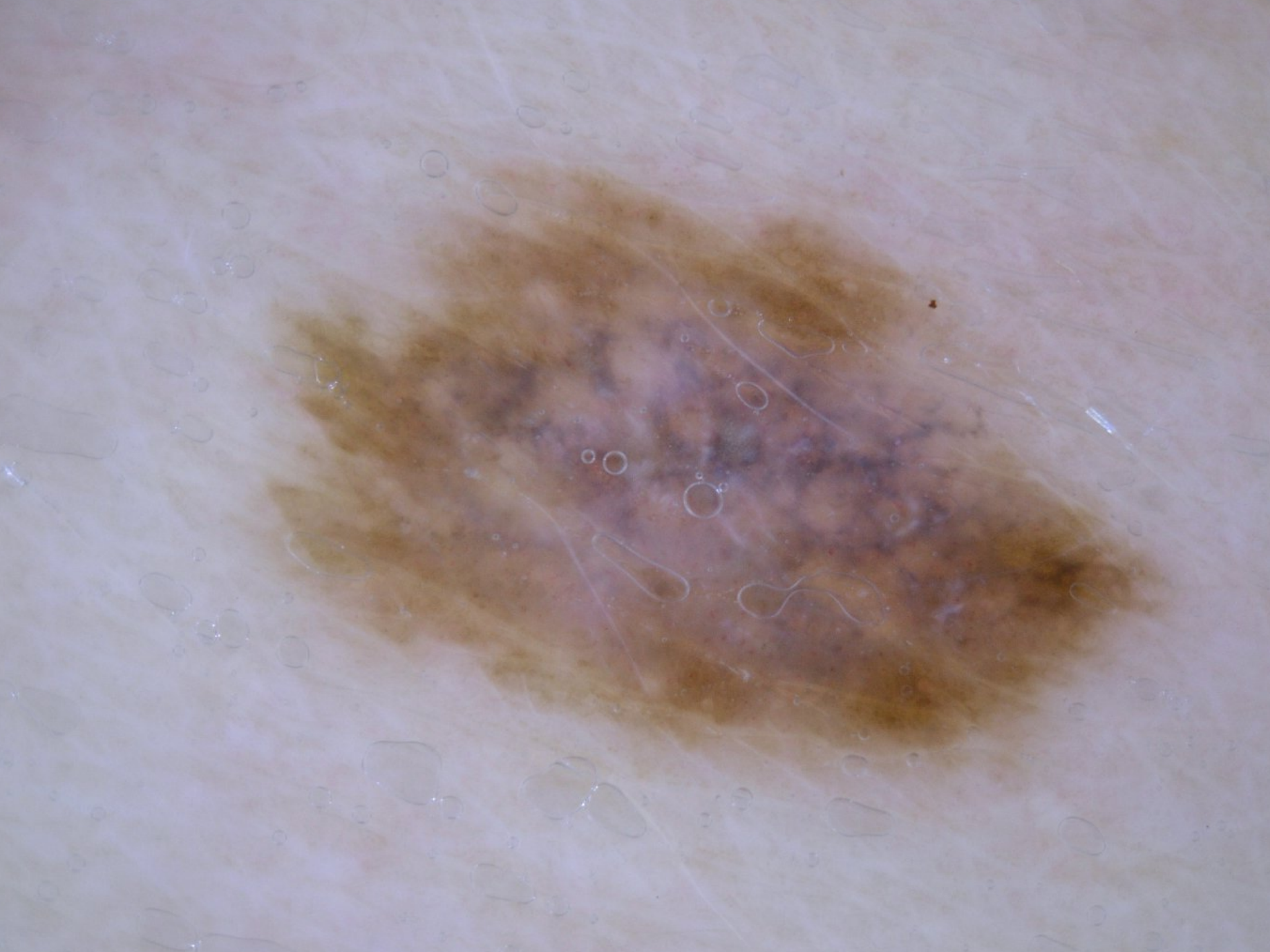


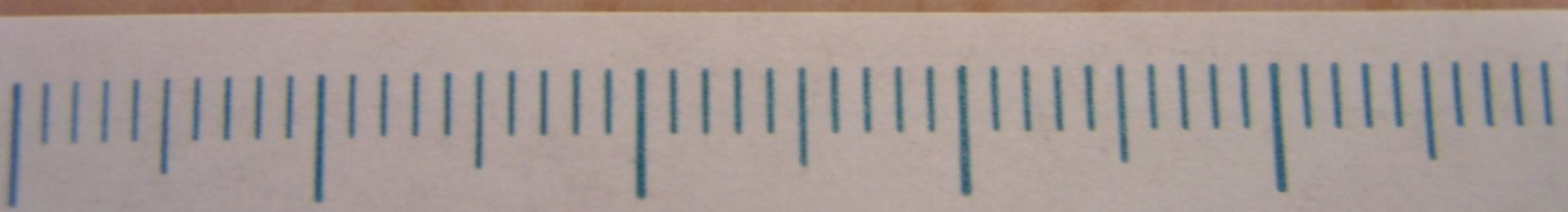






5 mm





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DATE

From the Department of Dermatology, Second University of Naples, Naples; Molecular and Nutritional Epidemiology Unit, Centro Studio e Prevenzione Oncologica, Scientific Institute of Tuscany, Florence; Istituto Dermatologico dell'Immacolata, Rome; Pathologic Anatomy Service, Gaetano Rummo General Hospital, Benevento; Department of Human Pathology and Oncology, University of Florence, Florence, Italy; Department of Dermatology, Medical University of Graz, Graz, Austria; and Department of Dermatology, Melanoma Unit, Hospital Clinic, Institut D'Investigacions Biomèdiques August Pi i Sunyer, University of Barcelona, Barcelona, Spain.

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Ethical approval was not required because this is not a study that "prospectively assigns human subjects to intervention or comparison groups to evaluate the cause-and-effect relationship between a medical intervention and a health outcome." Although the patients were assessed differently by primary care physicians (a group of

Dermoscopy Improves Accuracy of Primary Care Physicians to Triage Lesions Suggestive of Skin Cancer

Giuseppe Argenziano, Susana Puig, Iris Zalaudek, Francesco Sera, Rosamaria Corona, Mercè Alsina, Filomena Barbato, Cristina Carrera, Gerardo Ferrara, Antonio Guilbert, Daniela Massi, Juan A. Moreno-Romero, Carlos Muñoz-Santos, Gianluca Petrillo, Sonia Segura, H. Peter Soyer, Renato Zanchini, and Josep Malvehy

A B S T R A C T

Purpose

Primary care physicians (PCPs) constitute an appropriate target for new interventions and educational campaigns designed to increase skin cancer screening and prevention. The aim of this randomized study was to determine whether the adjunct of dermoscopy to the standard clinical examination improves the accuracy of PCPs to triage lesions suggestive of skin cancer.

Patients and Methods

PCPs in Barcelona, Spain, and Naples, Italy, were given a 1-day training course in skin cancer detection and dermoscopic evaluation, and were randomly assigned to the dermoscopy evaluation arm or naked-eye evaluation arm. During a 16-month period, 73 physicians evaluated 2,522 patients with skin lesions who attended their clinics and scored individual lesions as benign or suggestive of skin cancer. All patients were re-evaluated by expert dermatologists at clinics for pigmented lesions. Referral accuracy of both PCP groups was calculated by their scores, which were compared to those tabulated for dermatologists.

Results

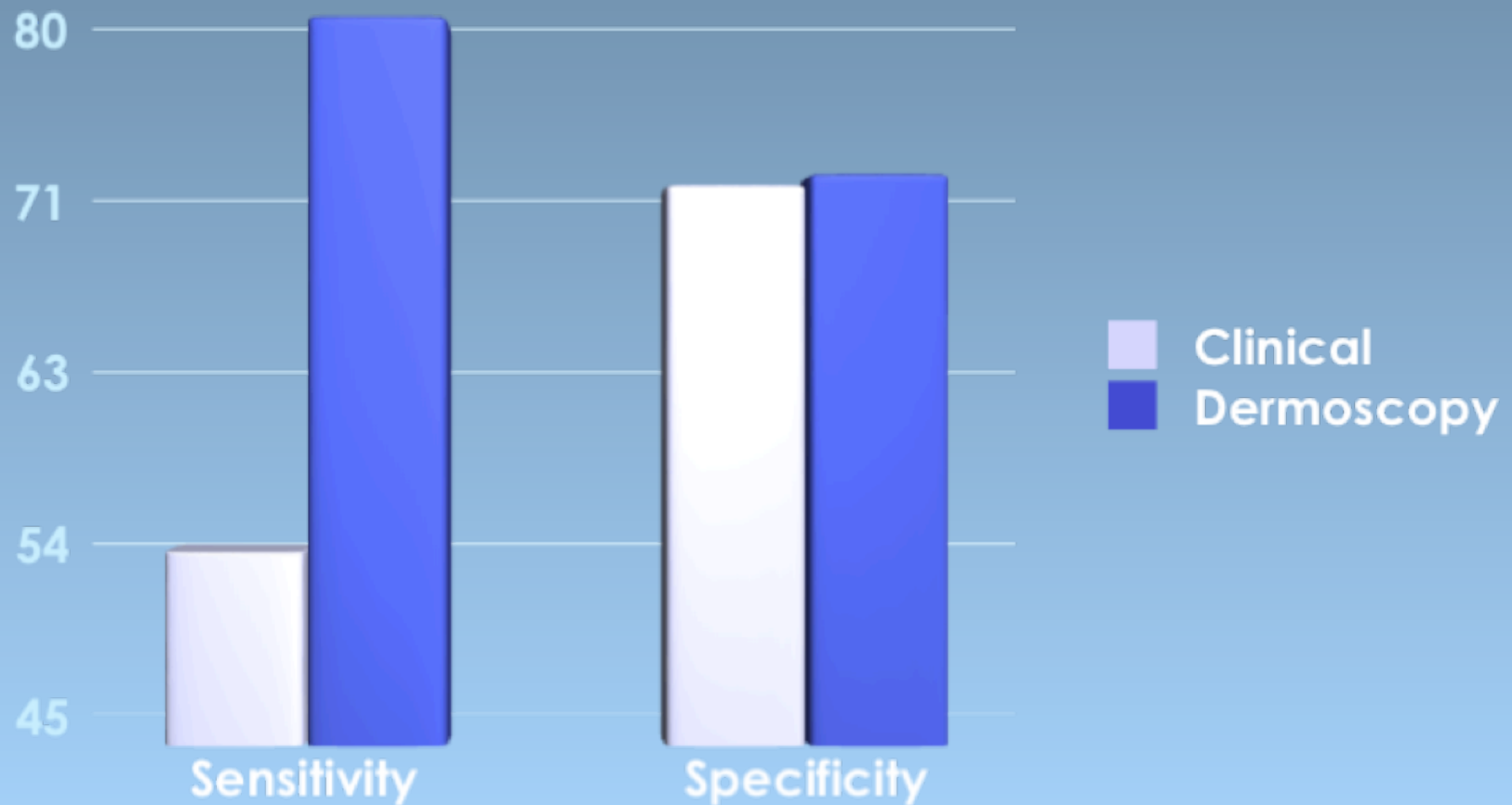
Referral sensitivity, specificity, and positive and negative predictive values were 54.1%, 71.3%, 11.3%, and 95.8%, respectively, in the naked-eye arm, and 79.2%, 71.8%, 16.1%, and 98.1%, respectively, in the dermoscopy arm. Significant differences were found in terms of sensitivity and negative predictive value ($P = .002$ and $P = .004$, respectively). Histopathologic examination of equivocal lesions revealed 23 malignant skin tumors missed by PCPs performing naked-eye observation and only six by PCPs using dermoscopy ($P = .002$).

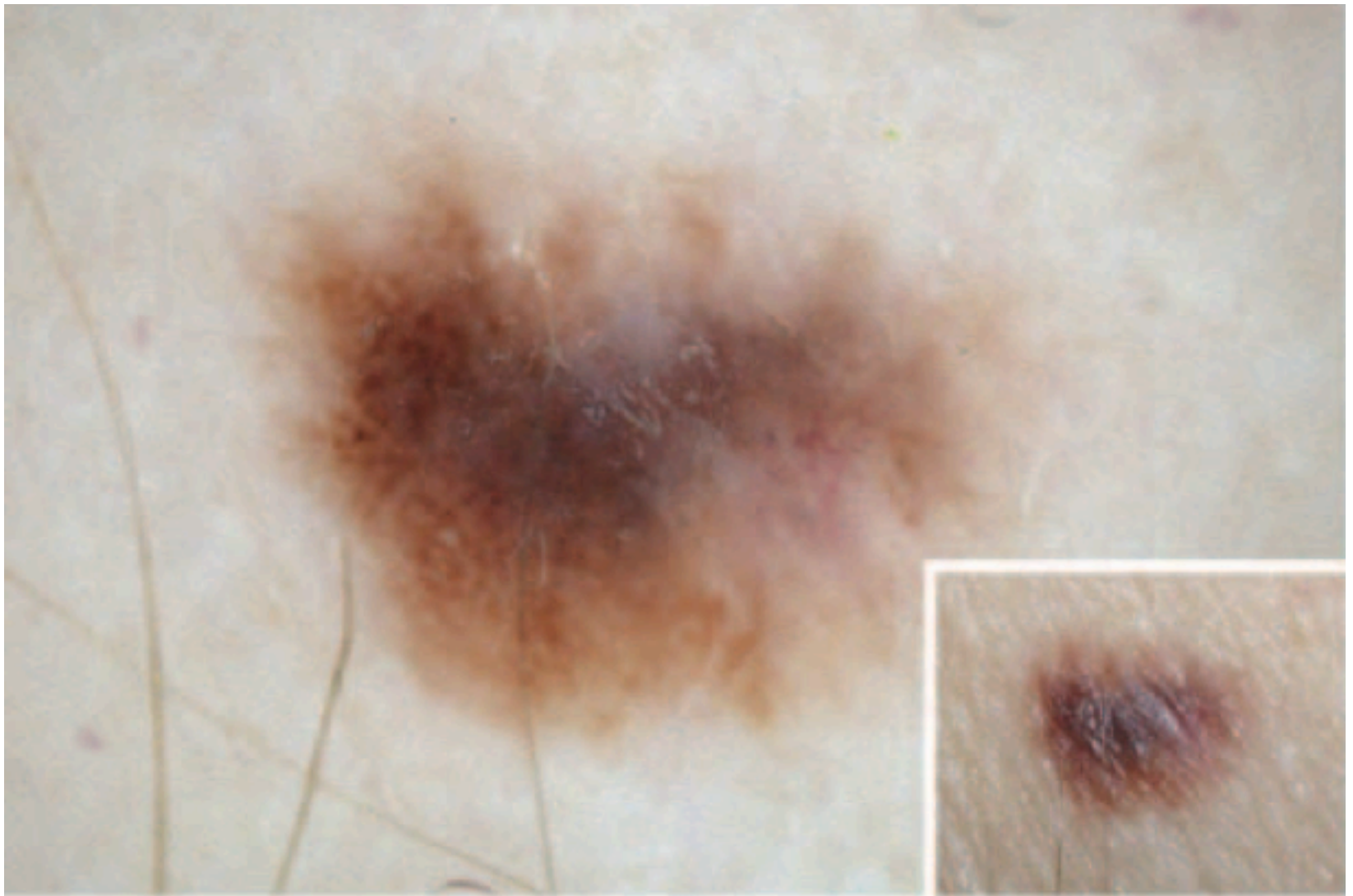
Conclusion

The use of dermoscopy improves the ability of PCPs to triage lesions suggestive of skin cancer without increasing the number of unnecessary expert consultations.

Dermoscopy Improves Accuracy of Primary Care Physicians to Triage Lesions Suggestive of Skin Cancer

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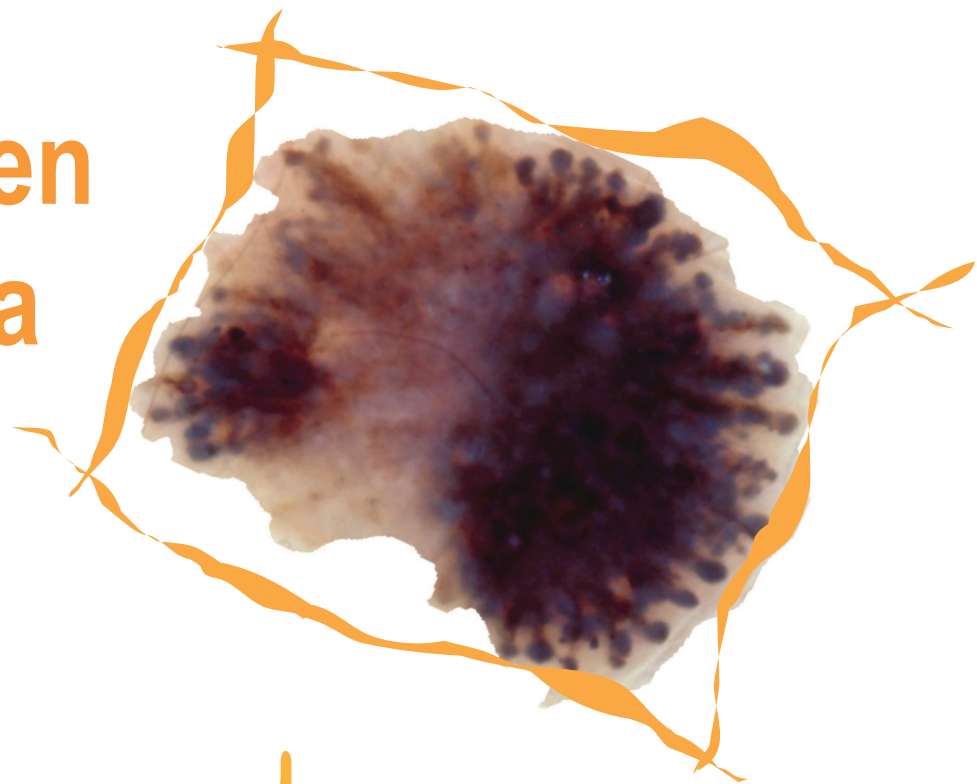
Dermoscopy as a first-line screening tool (PCPs)

To identify high-risk lesions that require further examination by expert
Better detection of skin tumors suggestive of skin cancer
(increased referral sensitivity)

Second-level procedure for clinically equivocal lesions (expert clinicians)

Reduce the number of unnecessary excisions of benign lesions
(better specificity than naked-eye examination)

Curso de Detección de Cáncer Cutáneo en Atención Primaria

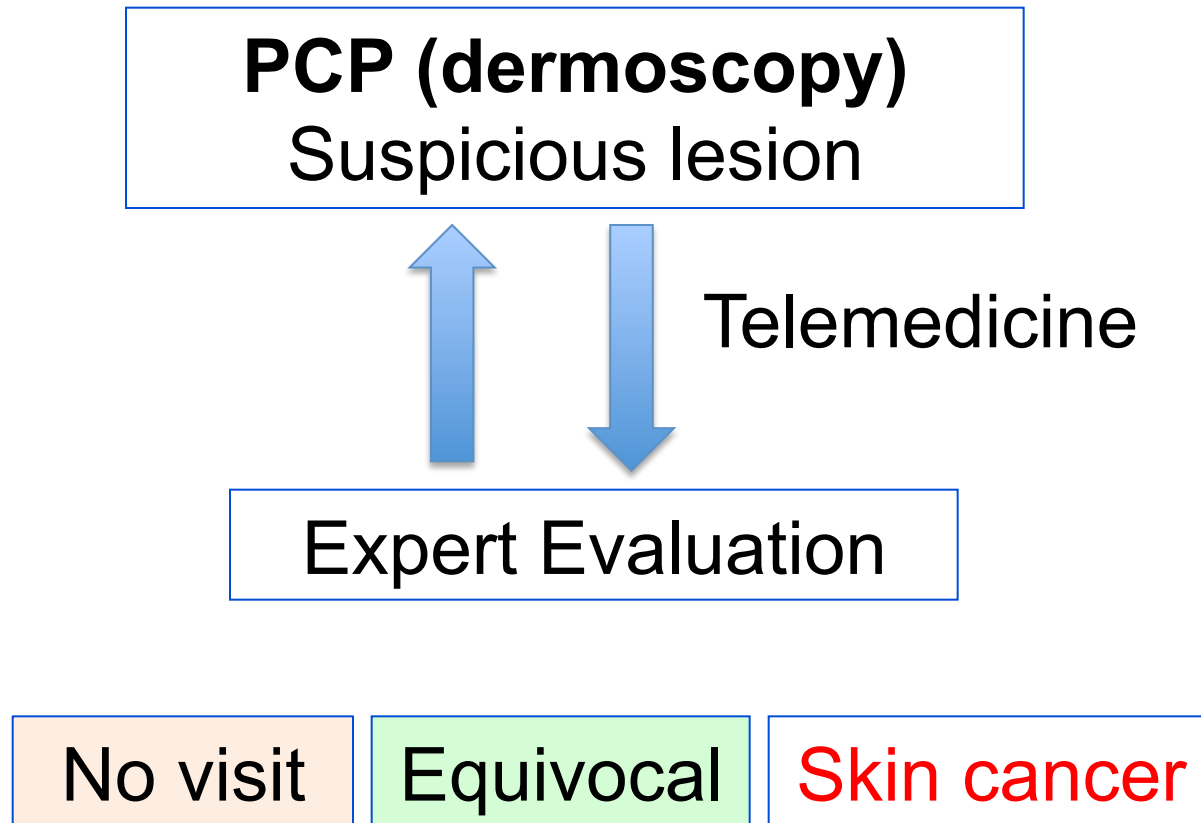


Organizado por

Josep Malvehy
Susana Puig
Servicio de Dermatología
Hospital Clínic, Barcelona

udm
unitat de melanoma

Dermoscopy to triage lesions for teledermatology



Effect of dermoscopy education on the ability of medical students to detect skin cancer.

Liebman TN, Goulart JM, Soriano R, Dusza SW, Halpern AC, Lee KK, Marghoob AA. Arch Dermatol. 2012

Objectives To determine students' ability to discriminate benign vs malignant lesions and to assess attitudes regarding skin cancer examination (SCE).

Conclusions Students receiving the dermoscopy tutorial improve in diagnosis of cutaneous lesions compared with those not receiving the dermoscopy intervention. Teaching SCE with inclusion of dermoscopy may be an effective means of enhancing skin cancer knowledge.



International Dermoscopy Society

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Welcome to the International Dermoscopy Society

Thursday, 27 May 2010 22:43 | Written by Gerald Gabler |

Our membership is worldwide and currently more than 100 countries are represented. Individuals may join by direct application for free membership.

Our organization conducts a world congress every 3 years and sister society meetings every year during the AAD congress in US and the EADV congress in Europe.

The IDS has been founded in 2003 by H. Peter Soyer, Rainer Hofmann-Wellenhof and Giuseppe Argenziano to promote clinical research in dermoscopy and to represent a clinically oriented international organization with a thrust towards helping and improving education in dermoscopy.

We welcome your participation in the International Dermoscopy Society!

For registered members: Please visit our [MEMBERS AREA](#) to get access to the **forum** cases.



Free Podcast



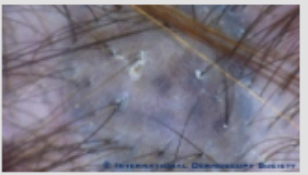
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- Executive Board Members
- IDS Podcasts
- Forum Board Members
- Board Members
- Studies

Newest...

- Lesion on scalp of 35 year old female
- Update # 16: August 2012
- Update #15: June 2012
- IDS Newsletter #7: June 2012
- Update #14: May 2012

Newest Case of the Month

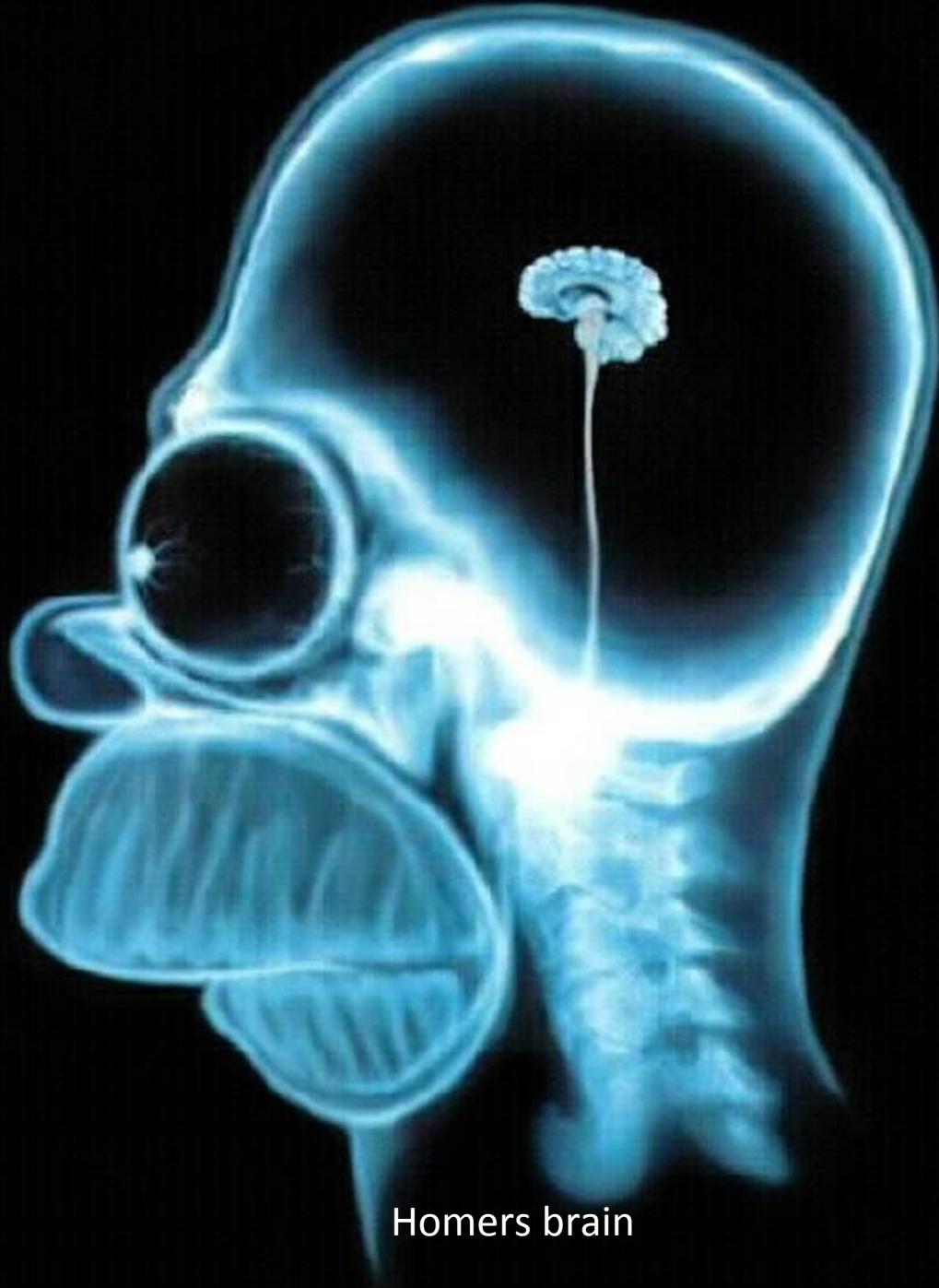


DPC featured article

Dermoscopy: What is your diagnosis?

Newsletter of the IDS





Homers brain

