

## References

- Ackerman A (1980) 'Malignant melanoma, a unifying concept.' *Human Pathology*, 11, pp. 591-5
- Ackerman A (1982) 'Disagreements with the current classification of malignant melanomas.' *American Journal of Surgical Pathology*, 6, pp. 733-43
- Ackerman B & Mihara I (1985) 'Dysplasia, dysplastic melanocytes, dysplastic nevi, the dysplastic nevus syndrome and the relation between dysplastic nevi and malignant melanoma.' *Human Pathology*, 16, pp. 87-95
- Ahmed I (1997) 'Malignant melanoma, prognostic indicators.' *Mayo Clinic Proceedings*, 72, pp. 356-61
- Alexander H & Miller D (1979) 'Determining skin thickness with pulsed ultrasound.' *Journal of Investigative Dermatology*, 72, pp. 17-9
- Allen A & Spitz S (1953) 'Melanomas. Diagnosis and prognosis.' *Cancer*, 6, pp. 1-45
- Altman D, Machin D, Bryant T & Gardner M (2000) *Statistics With Confidence*. 2<sup>nd</sup> Ed. BMJ Books, London.
- Anderson R & Parrish B, (1981) 'The Optics of Human Skin.' *Journal of Investigative Dermatology*, 77, pp. 13-9
- Anderson R (1995) 'Skin Tumours II: Melanoma.' *Selected Readings in Plastic Surgery*, 8(7)
- Argenziano G, Fabbrocini G, Carli P *et al.* (1998) 'Epiluminescence microscopy for the diagnosis of doubtful melanocytic skin lesions. Comparison of the ABCD rule of dermoscopy and a new 7-point checklist based on pattern analysis.' *Archives of Dermatology*, 134, pp.1563-70
- Argenziano G (2001), Lecture. 'Results of the Consensus Net Meeting on Dermoscopy, 2000.' 1<sup>st</sup> World Dermoscopy Conference, Rome, 23<sup>rd</sup> February, 2001. Unpublished
- Ashinoff R (1997) 'Moh's Micrographic Surgery.' In: *Grabb & Smith's Plastic Surgery*. 5th Ed., Aston S, Beasley R & Thorne C (eds.), Lippincott-Raven, Philadelphia & New York. Chapter 12, pp. 121-5

Bahmer F, Fritsch P, Kreusch J *et al.* (1990) 'Terminology in surface microscopy.' *Journal of the American Academy of Dermatology*, 23, pp. 1159-61

Balch C, Soong S, Shaw H *et al.* (1992) 'An analysis of prognostic factors in 8500 patients with cutaneous melanoma.' In: *Cutaneous Melanoma. Clinical Management and Treatment Results Worldwide*. 2<sup>nd</sup> Ed. (Eds as authors). JB Lippincott, Philadelphia. pp. 165-87

Balch C, Urist M, Karakousis C *et al.* (1993) 'Efficacy of 2cm surgical margins for intermediate-thickness melanomas (1 to 4mm).' *Annals of Surgery*, 218, pp. 262-7

Barnhill R & Mihm M (1993) 'The histopathology of cutaneous malignant melanoma.' *Seminars in Diagnostic Pathology*, 10(1), pp. 47-75

Barsky S, Rosen S, Geer D & Noe J (1980) 'The nature and evolution of portwine stains, a computer-assisted study.' *Journal of Investigative Dermatology*, 74, pp. 154-7

Bedlow AJ, Cliff S, Melia J *et al.* (2000) 'Impact of skin cancer education on general practitioners' diagnostic skills.' *Clinical & Experimental Dermatology*, 25(2), pp.115-8

Binder N, Schwarz N, Winkler A, *et al.* (1995) 'Epiluminescence microscopy. A useful tool for the diagnosis of pigmented lesions for formally trained dermatologists.' *Archives of Dermatology*, 131, pp. 286-91

Binder M, Kittler H, Seeber A *et al.*, 'Epiluminescence microscopy-based classification of pigmented skin lesions using computerized image analysis and an artificial network.' *Melanoma Research*, 8, pp. 261-6

Black W (1988) 'Residual dysplastic and other nevi in superficial spreading melanoma.' *Cancer*, 62, pp. 163-173

Bland M (1997) *An Introduction to Medical Statistics*, 2<sup>nd</sup> Ed. Oxford Medical Publications, Oxford

Bland J & Altman D (1986) 'Statistical methods for assessing agreement between two methods of clinical measurement.' *Lancet*, i, pp. 307-10

Breiman, L., Friedman, J. H., Olshen, R. A., & Stone, C. J. (1984). *Classification and regression trees*. Chapman & Hall/CRC, London

- Breitbart E, Mohsehnian F Roser M *et al.* (1989) 'Untersuchungen zur klinischen erkennbarkeit der Fruhformen des malignen melanoms.' *Onkologie*, 12, pp. 264-8
- Breslow A (1970) 'Thickness, cross-sectional area and depth of invasion in the prognosis of cutaneous melanoma.' *Annals of Surgery*, 172, pp. 902-8
- Breuninger H, Schlagenhauff B, Stroebel W *et al.* (1999) 'Patterns of local horizontal spread of melanomas.' *American Journal of Surgical Pathology*, 23(12), pp.1493-8
- Brochez L, Naeyaert JM (2000) 'Understanding the trends in melanoma incidence and mortality, where do we stand?' *European Journal of Dermatology*, 10(1), pp.71-5
- Brodland D (1997) 'The life of a skin cancer.' *Mayo Clinic Proceedings*, 72, pp. 475-8
- Browse N (1991) *An Introduction to the Symptoms and Signs of Surgical Disease*, 2<sup>nd</sup> Ed. Edward Arnold, London. pp. 39-41
- Bulliard JL, Cox B, Semenciw R (1999) 'Trends by anatomic site in the incidence of cutaneous malignant melanoma in Canada, 1969-93.' *Cancer Causes & Control*, 10(5), pp. 407-16
- Burton R & Armstrong B (1995) 'Current melanoma epidemic, a nonmetastasing form of melanoma?' *World Journal of Surgery*, 19, pp. 330-3
- Campbell M & Machin D (1999) *Medical Statistics - A Commonsense Approach*. 3rd Edition, John Wiley & Sons, Chichester.
- Cancer Research Campaign Website [Online] Available at:  
[http://www.crc.org.uk/cancer/cancer\\_intro.html](http://www.crc.org.uk/cancer/cancer_intro.html) (last accessed 23/09/01)
- Claridge E, Hall P, Keefe M & Allen J (1992) 'Shape analysis for classification of malignant melanoma.' *Journal of Biomedical Engineering*, 14, pp, 229-34
- Clark W, From L, Bernardino E & Mihm M (1969) 'The histogenesis and biologic behavior of primary human malignant melanomas of the skin.' *Cancer Research*, 29, pp. 705-26
- Clemente C, Cook M, Ruitter D & Mihm M (2001) '*Histopathologic Diagnosis of Melanoma.*' W.H.O. Melanoma Programme Publications – number 5, Italy.

- Cochran A, Bailly C, Cook M *et al.* (1998) 'Recommendations for the reporting of tissues removed as part of the surgical treatment of cutaneous melanoma.' *American Journal of Clinical Pathology*, 110, pp. 719-22
- Cohen H, Cox E, Manton K & Woodbury, M (1987) 'Malignant melanoma in the elderly' *Journal of Clinical Oncology*, 5, pp.100-6
- Consensus Conference (1984) 'Precursors to malignant melanoma.' *Journal of the American Medical Association*, 251, pp. 1864-6
- Cook M, Clarke T, Humphreys S *et al.* (1996) 'The evaluation of diagnostic and prognostic criteria and the terminology of thin cutaneous melanoma by the CRC melanoma pathology panel.' *Histopathology*, 28, pp. 497-512
- Cook M, Clarke T, Humphreys S *et al.* (1997) 'A nationwide survey of observer variation in the diagnosis of thin cutaneous melanoma including the MIN terminology.' *Journal of Clinical Pathology*, 50, pp. 202-5
- Cooke K, Spears G & Skegg D (1985) 'Frequency of moles in a defined population.' *Journal of Epidemiology and Community Health*, 39, pp.48-52
- Cormack G & Lamberty BG (1986) 'The microcirculation.' In: *The Arterial Anatomy of Skin Flaps*. 2<sup>nd</sup> Ed. Churchill Livingstone, Edinburgh. Chapter 2, pp.15-61
- Cotton S (1995) 'Colour, colour spaces and the human visual system.' *Technical report – CSR-95-03*, Department of Computer Science, University of Birmingham
- Cotton S (1998) '*A non-invasive imaging system for assisting in the diagnosis of malignant melanoma*' PhD Thesis, Faculty of Science, University of Birmingham.
- Cotton S, Moncrieff M, Claridge E, Hall P (2000) 'Spectrophotometric Intracutaneous Analysis – A New tool for the assessment of Pigmented Skin Lesions.' *Journal of the European Academy of Dermatology & Venerology*, 14(S1), p.50-1
- Cotton S, Moncrieff M, Claridge E, Hall P (2001) 'The Theory of SIAscopy.' *Melanoma Research*, 11, Suppl. 1, p. 98
- Creagan E (1997) 'Malignant melanoma: an emerging and preventable medical catastrophe.' *Mayo Clinic Proceedings*, 72, pp. 570-4

- Cristofolini N, Zumiani G, Bauer P, *et al.* (1994) 'Dermatoscopy, usefulness in the differential diagnosis of cutaneous pigmented lesions.' *Melanoma Research*, 4, pp. 391-4
- Cruikshank C & Harcourt S (1964) 'Pigment donation *in vivo*.' *Journal of Investigative Dermatology*, 42, pp. 38-43
- Cullander C (1998) 'Light microscopy of living tissue, The state and future art.' *Journal of Investigative Dermatology Symposium Proceedings*, 3(2), pp. 166-71
- Curley R, Cook M, Fallowfield M & Marsden R (1989) 'Accuracy in clinically evaluating pigmented lesions.' *British Medical Journal*, 299, pp. 16-18
- Dennis LK (1999) 'Analysis of the melanoma epidemic, both apparent and real, data from the 1973 through 1994 surveillance, epidemiology, and end results program registry.' *Archives of Dermatology*, 135(3), pp. 275-80
- Dhawan A & Siscu A (1992) 'Segmentation of images of skin lesions using color and texture information of surface pigmentation.' *Computerized Medical Imaging & Graphics*, 16(3), pp. 163-77
- Doherty V, & MacKie R. (1988) 'Experience of a public education programme on early detection of cutaneous malignant melanoma.' *British Medical Journal*, 297, pp.388-391
- Dormandy (1956) 'Gastrointestinal polyposis with mucocutaneous pigmentation (Peutz-Jehgers syndrome)' *New England Medical Journal*, 256, pp. 1093-1103
- du Vivier A & Higgins E (1991a) 'Recognising early invasive malignant melanoma.' *British Medical Journal*, 302, pp. 49-50
- du Vivier AW, Williams HC, Brett JV & Higgins EM (1991b) 'How do malignant melanomas present and does this correlate with the seven-point check-list?' *Clinical & Experimental Dermatology*, 16(5), pp.344-7
- Elder D, Van Belle P, Elenitsas R *et al.* (1996) 'Neoplastic progression and prognosis in melanoma.' *Semin Cutaneous Medicine & Surgery*, 15(4), pp.336-348
- El Gammal S, El Gammal C, Kaspar K *et al.* (1999) 'Sonography of the skin at 100MHz enables *in vivo* visualization of the stratum corneum and viable epidermis in palmar skin and psoriatic plaques.' *Journal of Investigative Dermatology*, 113(5), p 821-9

- Ellis R (1958) 'Ageing of the human male scalp.' In: *The Biology of Hair Growth*. Montagna W & Ellis R (eds.), Academic Press, New York. pp. 469-485
- Ercal F, Chawla A, Stoecker WV, Lee HC, Moss RH (1994) 'Neural network diagnosis of malignant melanoma from color images.' *IEEE Transactions on Biomedical Engineering*, 41(9), pp. 837-45
- Farmer R & Miller D (1991) *Lecture Notes on Epidemiology and Public Health Medicine*. 3<sup>rd</sup> Edition. Blackwell Scientific Publications, Oxford
- Farmer E, Gonin R, Hanna M (1996) 'Discordance in the histopathologic diagnosis of melanoma and melanocytic naevi between expert pathologists.' *Human Pathology*, 27, pp. 528-31
- Feather J, Ellis D & Leslie G (1988) 'A portable reflectometer for the rapid quantification of cutaneous hemoglobin and melanin.' *Physics in Medicine & Biology*, 33(6), pp. 711-22
- Field A (2000) *Discovering Statistics Using SPSS for Windows*. Sage publications, London
- Fisher L & Van Belle G (1994) 'Discrimination and Classification.' In: *Biostatistics, A Methodology for the Health Sciences*. John Wiley & Sons, New York. Chapter 13, pp.630-65
- Fitzpatrick T & Szabo G (1959) 'The melanocyte, cytology and cytochemistry.' *Journal of Investigative Dermatology.*, 32, 197-209
- Fitzpatrick T, Miyamoto M & Ishikawa K (1967) 'The evolution in concepts of melanin biology.' *Archives of Dermatology*, 96, pp. 305-23
- Fitzpatrick T, Rhodes A, Sober A & Mihm M (1988) 'Primary malignant melanoma of the skin, the call for action to identify persons at risk, to discover precursor lesions, to detect early melanomas. *Pigment Cell Research*, 9, pp. 110-7
- Friedman RJ, Rigel DS, Kopf AW (1985) 'Early detection of malignant melanoma, the role of physician examination and self-examination of the skin.' *CA: A Cancer Journal for Clinicians*, 35(3),pp.130-51,
- Fritsch P & Pechlaner R (1980) 'The pigmented network, a new tool for the diagnosis of pigmented lesions.' (abstract). *Journal of Investigative Dermatology*, 74, p. 458

Fuechsel F, Thomas J, MosKovic e *et al.* (1999) 'Doppler ultrasound imaging of melanoma skin lesions, a new non-invasive diagnostic tool.' (Abstract- 6<sup>th</sup> Congress International Society of Skin imaging, London 1999) *Skin Research & Technology*, 5(2), p.133

Gallagher R, Elwood J, Threfall W *et al.* (1987) 'Socioeconomic status, sunlight exposure and risk of malignant melanoma, the Western Canada Melanoma Study.' *Journal of the National Cancer Institute*, 79, pp. 647-52

Gallagher R, Maclean D, Young C *et al.* (1990) 'Anatomic distribution of acquired melanocytic nevi in white children.' *Archives of Dermatology*, 126, pp.. 466-71

Gaspar Z & Dawber R (1997) 'Treatment of lentigo maligna.' *Australasian Journal of Dermatology*, 38, pp. 1-8

Gaudette LA & Gao RN (1998) 'Changing trends in melanoma incidence and mortality.' *Health Reports – Statistics Canada* 10(2),pp. 29-41

Gilchrest B, Blog F & Szabo G (1979) 'Effects of aging and chronic sun exposure on melanocytes in human skin.' *Journal of Investigative Dermatology.*, 73,pp. 305-23

Goovaerts G & Buysens N (1988) 'Nevus cell maturation or atrophy?' *American Journal of Dermatopathology*, 10, pp.20-7

Grant-Kels J, Bason E & Grin C (1999) 'The misdiagnosis of malignant melanoma.' *Journal of the American Academy of Dermatology*, 40, pp. 539-48

Greene M (1997) 'Genetics of cutaneous melanoma and nevi.' *Mayo Clinic Proceedings*, 72, pp. 467-74

Greene MH (1999) 'The genetics of hereditary melanoma and nevi, 1998 update.' *Cancer* 86(8 Suppl), pp. 1644-57

Grin C, Kopf A, Welkovich B *et al.*, (1990) 'Accuracy in the clinical diagnosis of malignant melanoma.' *Archives of Dermatology*, 126, pp.763-6

Goldman L (1951) 'Some investigative studies of pigmented naevi with cutaneous microscopy.' *Journal of Investigative Dermatology*, 16, pp. 407-10

Hall P (1992) 'Clinical diagnosis of melanoma.' In: *Diagnosis & Management of Melanoma in Clinical Practice*. Kirkham N (Ed. ), Springer-Verlag, Berlin. Chapter 4

- Hall P, Claridge E & Morris Smith J (1995) 'Computer screening for early detection of melanoma – is there a future?' *British Journal of Dermatology*, 132, pp. 325-338
- Hall P & de Takats P (1998) 'Sentinel lymph-node biopsy in the UK.' *Lancet*, 351, p. 528
- Hall H, Miller D, Rogers J & Bewerse B (1999a) 'Update on the incidence and mortality from melanoma in the United States.' *Journal of the American Academy of Dermatology* 40(1),pp.35-42
- Hall P, Javaid M & de Takats P (1999b) 'Therapeutic trends in cutaneous melanoma.' *Hospital Medicine*, 60(1), pp. 39-43
- Harrist T, Rigel D, Day C *et al.* (1984) "'Microscopic Satellites" are more highly associated with regional lymph node metastases than is primary melanoma thickness.' *Cancer*, 53, pp. 2183-7
- Hastrup N, Clemmensen O, Spaun E & Sondergaard K (1994) 'Dysplastic naevus, histological criteria and their intra-observer reproducibility.' *Histopathology*, 24, pp. 503-9
- Hazen B, Bhatia A, Zaim B & Brodell R (1999) 'The Clinical Diagnosis of Early Malignant Melanoma, Expansion of the ABCD Criteria to Improve Diagnostic Sensitivity.' [Online] *Dermatology Online Journal*, 5(2),3 Available at: <http://dermatology.cdlib.org/DOJvol5num2/original/abcde.html> (last accessed 23/09/01)
- Higgins E, Hall P, Todd P, Murthi R & du Vivier A (1992) 'The application of the seven-point checklist in the assessment of benign pigmented lesions.' *Clinical & Experimental Dermatology*, 17, pp. 313-5
- Hinselmann H (1933) 'Die Bedeutung der Kolposkopie fur den Dermatologen.' *Dermatol Wochenschr*, 96, pp. 534-45
- Hojjatoleslami S, Claridge E & Moncrieff M (2000) 'Accuracy of the skin model in quantifying blood & epidermal melanin.' *Medical Image Understanding & Analysis*, London, July 2000 Conference Proceedings p.53-7
- Huang D, Swanson E, Lin C *et al.*, (1991) 'Optical coherence tomography' *Science*, 254, pp. 1178-81

Jones WO, Harman CR, Ng AK, Shaw JH (1999) 'Incidence of malignant melanoma in Auckland, New Zealand, highest rates in the world.' *World Journal of Surgery* 23(7),pp.732-5

Kaspar K, Vogt M, Ermert H *et al.* (1999) 'Does 100MHz sonography allow a more detailed visualization of malignant melanoma?' (Abstract - 6<sup>th</sup> Congress International Society of Skin imaging, London 1999) *Skin Research & Technology*, 5(2), p.141

Keefe M, Dick D & Wakeel R (1990) 'A study of the value of the seven-point checklist in distinguishing benign lesions from melanoma.' *Clinical & Experimental Dermatology*, 15, pp. 167-71

Kelly JW, Yeatman JM, Regalia C, Mason G, Henham AP (1997) 'A high incidence of melanoma found in patients with multiple dysplastic naevi by photographic surveillance.' *Medical Journal of Australia*, 167(4), pp. 191-4

Kianifard F (1994) 'Evaluation of clinimetric scales, basic principles and methods.' *The Statistician*, 43(4), pp. 475-82

Kirkham N (1991) *Biopsy Pathology of the Skin*. Chapman & Hall, London

Kittler H, Pehamberger H, Wolff K, Binder M (2000) 'Follow-up of melanocytic skin lesions with digital epiluminescence microscopy, patterns of modifications observed in early melanoma, atypical nevi, and common nevi.' *Journal of the American Academy of Dermatology*, 43(3), pp.467-76

Koh H, Michalik E, Sober A *et al.* (1984) 'Lentigo maligna melanoma has no better prognosis than other types of melanoma.' *Journal of Clinical Oncology*, 2, pp. 994-1001

Krahn G, Gottlober P, Sander C & Peter R (1998) 'Dermatoscopy and high frequency sonography, Two useful non-invasive methods to increase preoperative diagnostic accuracy in pigmented skin lesions.' *Pigment Cell Research*, 11, pp. 151-4

Kundel H (1986) 'Visual perception and image display terminals.' *Radiologic Clinics of North America*, 24(1), pp.69-77

Lassau N, Mercier S, Koscielny S *et al.* (1999) 'Prognostic value of high-frequency sonography and color Doppler sonography for the preoperative assessment of melanomas.' *American Journal of Roentgenology*, 172(2), pp. 457-61

- Lerner A & Case J (1959) 'Pigment Cell Regulatory Factors' *Journal of Investigative Dermatology*, 32, pp. 211-212
- Lever W & Schaumburg-Lever (1983) *Histopathology of the Skin*. 6<sup>th</sup> Edition, JB Lippincott Company, Philadelphia
- Levit E, Kagen M, Scher R *et al.* (2000) 'The ABC rule for clinical detection of subungual melanoma.' *Journal of the American Academy of Dermatology*, 42, pp. 269-74
- Lewis K, Gilmour E, Harrison P *et al.* (1999) 'Digital teledermatology for skin tumours, a preliminary assessment using a receiver operating characteristics (ROC) analysis.' *Journal of Telemedicine & Telecare*, 5 (Suppl. 1), pp. 57-8
- Lim, T.-S., Loh, W.-Y., & Shih, Y.-S. (1997) 'An empirical comparison of decision trees and other classification methods.' *Technical Report 979*, Department of Statistics, University of Wisconsin, Madison.
- Lipsker DM, Hedelin G, Heid E, Grosshans EM, Cribier BJ (1999) 'Striking increase of thin melanomas contrasts with stable incidence of thick melanomas. *Archives of Dermatology*, 135(12),pp. 1451-6
- Lynch H, Frichot B & Lynch J (1977) 'Cancer control in xeroderma pigmentosum.' *Archives of Dermatology*, 111, pp.1588-90
- Mackie R (1971a) 'An aid to the preoperative diagnosis of pigmented lesions of the skin.' *British Journal of Dermatology*, 85, pp. 232-8
- Mackie R (1971b) 'Cutaneous microscopy in vivo as an aid to the pre-operative assessment of pigmented lesions of the skin.' *British Journal of Plastic Surgery*, 25, pp. 123-9
- Mackie R, English J, Aitchison T, Fitzsimons C & Wilson P (1985) 'The number and distribution of benign pigmented moles (melanocytic naevi) in a healthy British population.' *British Journal of Dermatology*, 113, pp. 553-6
- Mackie R (1990) 'Clinical recognition of early invasive melanoma.' *British Medical Journal*, 301, pp. 1005-6
- Mackie R (1992) 'Clinical differential diagnosis of cutaneous malignant melanoma.' In: *Diagnosis & Management of Melanoma in Clinical Practice*, Kirkham N (Ed.), Springer-Verlag, Berlin. Chapter 2

- Mackie RM, Hole D, Hunter J, Rankin R *et al.* (1997) 'Cutaneous melanoma in Scotland, incidence, survival and mortality, 1979-94.' *British Medical Journal*, 315, pp. 1117-21
- Mackie RM, McHenry P, Hole D (1993) 'Accelerated detection with prospective surveillance for cutaneous malignant melanoma in high-risk groups.' *Lancet*, 341, pp. 1618-20
- Mackie RM (1998) 'Incidence, risk factors and prevention of melanoma.' *European Journal of Cancer*, 34 Suppl 3,S3-6
- MacLennan R, Green AC, McLeod GR, Martin NG (1992) 'Increasing incidence of cutaneous melanoma in Queensland, Australia.' *Journal of the National Cancer Institute*, 84(18),pp.1427-32
- Mayer, J (1997) 'Systematic review of the diagnostic accuracy of dermatoscopy in detecting malignant melanoma.' *Medical Journal of Australiaral*, 167, pp. 206-10
- McDermott N, Hayes D, Al-Seder M *et al.* (1998) 'Identification of vertical growth phase in malignant melanoma. A study of intra-observer agreement.' *American Journal of Clinical Pathology*, 110, pp. 753-57
- McKee P (1989) *Pathology of the Skin With Clinical Correlation*. Gower Medical Publishing, London. Chapter 1
- McQueen A & Smith N (1988), 'The Skin.' In: *Muir's Textbook of Pathology*. 12<sup>th</sup> Edition. J Anderson(Ed.), Edward Arnold, London. Chapter 27
- Mehnert J and Heard J (1965) 'Staging of malignant melanoma by depth of invasion.' *American Journal of Surgery*, 110, pp. 168-76
- Melia J, Frost T, Graham-Brown R, *et al.* (1995a) 'Problems with registration of cutaneous malignant melanoma in England.' *British Journal of Cancer*, 72(1),pp. 224-8
- Melia J, Cooper EJ, Frost T *et al.* (1995b) 'Cancer Research Campaign health education programme to promote the early detection of cutaneous malignant melanoma. I. Work-load and referral patterns.' *British Journal of Dermatology*, 132(3), pp. 405-13
- Menzies S, Crotty K, Ingvar C & McCarthy W (1996a) *An Atlas of Surface Microscopy of Pigmented Skin Lesions*. McGraw-Hill, Australia.

Menzies S, Ingvar C & McCarthy W (1996b) 'A sensitivity and specificity analysis of the surface microscopic features of invasive melanoma.' *Melanoma Research*, 6, pp. 55-62

Menzies S, Crook B, McCarthy W *et al.* (1997) 'Automated instrumentation for the diagnosis of invasive melanoma.' (*Abstract*) *Skin Research & Technology*, p. 200

Menzies S (1999) 'Automated eipluminescence microscopy, human vs machine in the diagnosis of melanoma.' *Archives of Dermatology*, 135(12), pp. 1538-40

Moncrieff M, Cotton S, Claridge E & Hall P (2000) 'Spectrophotometric Intracutaneous Analysis assists the identification of dermoscopic features.' *Journal of the European Academy of Dermatology & Venerology*, 14(S1), p.220

Moncrieff M (2001a) 'A Simple Classification of the Resolution and Depth of Imaging Systems for Pigmented Skin Lesions.' Accepted for publication in *Melanoma Research*

Moncrieff M, Cotton S, Claridge E & Hall P (2001b) 'Spectrophotometric Intracutaneous Analysis – a new technique for imaging pigmented skin lesions.' Accepted for publication in the *British Journal of Dermatology*

M Moncrieff, S Cotton, E Claridge, P Hall (2001c) 'The Objective Identification Of Dermoscopic Criteria Using SIAscopy.' *Melanoma Research*, 11, Suppl. 1, p. 96

Moncrieff M, Cotton S, Claridge E & Hall P (2001d) 'Clinical Application of Spectrophotometric Intracutaneous Analysis.' *Melanoma Research*, 11, Suppl. 1, p.184

Moncrieff M, Cotton S, Claridge E & Hall P (2001e) Invited Lecture. 'Spectrophotometric intracutaneous analysis (SIA) – A new technique for assessing pigmented skin lesions.' 1<sup>st</sup> World Dermoscopy Conference, Rome February 22<sup>nd</sup> 2001. Unpublished

Morton D, Wen D, Wong J *et al.* (1992) 'Technical details for intraoperative lymphatic mapping for early stage melanoma.' *Archives of Surgery*, 127, pp. 392-9

Morton C & MacKie R (1998) 'Clinical accuracy of the diagnosis of cutaneous malignant melanoma.' *British Journal of Dermatology*, 138, pp. 283-7

Mooi W & Krausz J (1992a) *Biopsy Pathology of Melanocytic Disorders*. Chapman & Hall, London

- Mooi W & Krausz T (1992b) 'The histological diagnosis of cutaneous melanoma.' In: *Diagnosis & Management of Melanoma in Clinical Practice*, Kirkham N (Ed.), Springer-Verlag, Berlin. Chapter 6
- Mooi W (1997) 'The dysplastic naevus.' *American Journal of Clinical Pathology*, 50, pp.711-5
- Moretti G, Ellis R & Mescon H (1959) 'Vascular patterns in the skin of the face.' *Journal of Investigative Dermatology*, 33, pp.103-112
- Nachbar F, Stolz W, Merckle T, *et al.* (1994) 'The ABCD rule of dermatoscopy. High prospective value in diagnosis of melanocytic lesions.' *Journal of the American Academy of Dermatology*, 30, pp. 551-9
- Nambisan R, Alexiou G, Reese P & Karakousis C (1987) 'Early metastatic patterns and survival in malignant melanoma.' *Journal of Surgical Oncology*, 34, pp. 248-52
- Nicholls E (1973) 'Development and elimination of pigmented moles, and the anatomical distribution of primary malignant melanoma.' *Cancer*, 32, pp. 191-5
- Ono I & Kaneko (1995) 'Magnetic resonance imaging for diagnosing skin tumours.' *Clinics in Dermatology*, 13, pp. 393-99
- Osterlind A, Tucker M, Stone B *et al.* (1988) 'Incidence of cutaneous malignant melanoma in Denmark, 1972-82.' *British Journal of Cancer*, 58, pp. 385-91
- Pagnoni A, Kneuttel A, Welker P *et al.* (1999) 'Optical coherence tomography in dermatology.' *Skin Research & Technology*, 5, pp. 83-7
- Perednia D, Gaines J & Rossum A (1992) 'Variability in physician assessment of lesions in cutaneous images and its implications for skin-screening and computer-aided diagnosis.' *Archives of Dermatology* 128, pp. 357-64
- Perhambberger H, Steiner A, Wolff K (1987) '*In vivo* epiluminescence microscopy of pigmented skin lesions. I. Pattern analysis of pigmented skin lesions.' *Journal of the American Academy of Dermatology*, 17, pp. 571-83
- Pope F, Nicholls A, Dorling J & Webb J (1983) 'Molecular abnormalities of collagen: a review.' *Journal of the Royal Society of Medicine* 76(12), pp. 1050-62

- Poynton C (1999a) *Frequently asked questions about colour*. [Online] Available at: <http://www.inforamp.net/~poynton/ColorFAQ.html> (last accessed 23/09/01)
- Poynton C (1999b) *Frequently asked questions about gamma*. [Online] Available at: <http://www.inforamp.net/~poynton/GammaFAQ.html> (last accessed 23/09/01)
- Quaba A & Wallace A (1986) 'The incidence of malignant melanoma (up to 15 years of age) arising in 'large' congenital nevocellular nevi.' *Plastic & Reconstructive Surgery*, 78, pp. 174-9
- Quereleux B (1999) 'Skin studies by MRI & MRS, state of the art.' (Abstract- 6<sup>th</sup> Congress International Society of Skin imaging, London 1999) *Skin Research & Technology*, 5, p.151
- Quinlan, J.R., & Cameron-Jones, R.M. (1995) 'Oversearching and layered search in empirical learning.' *Proceedings of the 14th International Joint Conference on Artificial Intelligence, Montreal* (Vol. 2). Morgan Kaufman, pp. 1019-1024
- Rajadhyaska M, Gonzalez S, Zavislan J *et al.* (1999) '*In vivo* confocal scanning laser microscopy of human skin II: Advances in instrumentation and comparison with histology.' *Journal of Investigative Dermatology*, 113, pp. 293-301
- Rampen FH, Neumann HA, Kiemeney LA (1992)'Fundamentals of skin cancer/melanoma screening campaigns.' *Clinical & Experimental Dermatology*, 17(5), pp. 307-12
- Reintgen D, Cruse W, Wells K *et al.*, (1994) 'The orderly progression of melanoma nodal metastases.' *Annals of Surgery*, 220(6), pp. 759-67
- Reiss S (1999) 'OCT, An imaging modality for the new millenium.' *Biophotonics International*, 6(6),pp. 36-45
- Richards M, Stockton D, Babb P & Coleman M (2000) 'How many deaths have been avoided through improvements in cancer survival?' *British Medical Journal*, 320, pp. 895-8
- Rigel D (1995) 'Identification of those at highest risk for develoment of malignant melanoma' *Advances in Dermatology*, 10,pp. 151-71
- Rigel D (1996) 'Malignant melanoma, perpectives on incidence and its effects on awareness, diagnosis and treatment.' *CA: A Cancer Journal for Clinicians*, 46, pp.195-8

- Rodriguez H & Ackerman L (1968) 'Cellular blue nevus. Clinico-pathological study of 45 cases.' *Cancer*, 21, pp. 393-405
- Rogers III, R & Gibson L (1997) 'Mucosal, genital and unusual clinical variants of melanoma.' *Mayo Clinic Proceedings*, 72, pp.362-6
- Sackett D, Richardson W, Rosenberg W & Haynes B (1998) *Evidence Based Medicine - How To Practice and Teach EBM*. 8<sup>th</sup> Printing. Churchill Livingstone, Edinburgh. Section 3b1, pp. 118-128
- Sagebiel R & Rorsman H (1970) 'Ultrastructural identification of melanocytes in early human embryos.' *Journal of Investigative Dermatology*, 54, p.96
- Saxe N, Hoffman M, Krige JE, Sayed R, King HS, Hounsell K (1998) 'Malignant melanoma in Cape Town, South Africa.' *British Journal of Dermatology*, 138(6), pp.998-1002
- Schmid P & Fischer S (1997) 'Colour segmentation for the analysis of pigmented skin lesions.' *IPA97 Conference Publication No. 443*, pp. 688-92
- Schroeder C, Welzel J & Wolff (1999) 'Optical coherence tomography for quantification of effects of treatment.' (Abstract- 6<sup>th</sup> Congress International Society of Skin imaging, London 1999) *Skin Research & Technology*, 5, p. 131
- Schwindewolf T, Stolz W, Albert R *et al.*, (1993) 'Classification of melanocytic lesions with color and texture analysis using digital image processing.' *Analytical & Quantitative Cytology & Histology*, 15(1), pp. 1-11
- Semple JL, Gupta AK, From L, *et al.* (1995) 'Does high-frequency (40-60 MHz) ultrasound imaging play a role in the clinical management of cutaneous melanoma?' *Annals of Plastic Surgery*, 34(6), pp. 599-605
- Shuster S, Black M & McVitie E (1975) 'The influence of age and sex on skin thickness, skin collagen and density.' *British Journal of Dermatology*, 93, pp. 639-43
- Smith J, Whatley P, Redburn J *et al.* (1998) 'Improving survival of melanoma patients in Europe since 1978.' *European Journal of Cancer*, 34(14), pp. 2197-203
- Song H, Wehrli F & Ma J (1997) 'In vivo MRI microscopy of human skin.' *Magnetic Resonance in Medicine*, 37, pp 185-91

Soyer H, Argenziano G, Chimenti S *et al.* (2001) *Dermoscopy of Pigmented Skin Lesions*. EDRA, Milan

Spitz S (1948) 'Melanomas of childhood' *American Journal of Pathology*, 224, pp.591-609

Starrico P & Pinkus H (1957) 'Quantitative & Qualitative data on the pigment cells of the adult human epidermis.' *Journal of Investigative Dermatology*, 28, pp.33-45

Stal S & Spira M (1997) 'Basal Cell and Squamous Cell Carcinoma of the Skin.' In: *Grabb & Smith's Plastic Surgery*. Fifth Edition, (Aston S, Beasley R & Thorne C (Eds.), Lippincott-Raven, Philadelphia & New York Chapter 11, pp. 107-20

StatSoft, Inc. (1999). 'Classification Trees.' In: *Electronic Statistics Textbook*. [Online] Tulsa, OK, StatSoft Available at: <http://www.statsoft.com/textbook/stathome.html>. Chapter 5.

Steiner A, Perhambberger H & Wolff K (1987) 'In vivo epiluminescence microscopy of pigmented skin lesions and early detection of malignant melanoma.' *Journal of the American Academy of Dermatology*, 17, pp. 584-91

Stoecker V, Li W & Moss R (1992) 'Automatic detection of asymmetry in skin tumours.' *Computerized Medical Imaging & Graphics*, 16, pp. 191-7

Stoecker W, Moss R, Ercal F & Umbaugh S (1995) 'Nondermatoscopic digital imaging of pigmented lesions.' *Skin Research & Technology*, 1, pp. 7-16

Stolz W, Riemann A, Cognetta A *et al.* (1994) 'ABCD rule of dermatoscopy, a new practical method for the early recognition of malignant melanoma.' *European Journal of Dermatology*, 4, pp. 521-7

Stolz W, Schiffner R, Pillet L *et al.* (1996) 'Improvement of monitoring of melanocytic skin lesions with the use of a computerized acquisition and surveillance unit with a skin surface microscopic television camera.' *Journal of the American Academy of Dermatology*, 35(2 Pt 1), pp. 202-207

Streilein J, Taylor J, Vincek V *et al.* (1994) 'Relationship between ultraviolet radiation-induced immunosuppression and carcinogenesis.' *Journal of Investigative Dermatology*, 103(suppl), pp. (s)107-111

Su D (1997) 'Malignant melanoma, basic approach to clinicopathologic correlation.' *Mayo Clinic Proceedings*, 72, pp. 267-72

Swerdlow A, English J & Qiao Z (1995) 'The risk of melanoma in patients with congenital nevi, a cohort study.' *Journal of the American Academy of Dermatology* 32, pp. 595-9.

Swerlick RA & Chen S (1996) 'The melanoma epidemic. Is increased surveillance the solution or the problem?' *Archives of Dermatology*, 132(8), pp.881-4

Swerlick RA & Chen S (1997) 'The melanoma epidemic, more apparent than real?' *Mayo Clinic Proceedings*, 72, pp. 559-564

Szabo G (1954) 'The number of melanocytes in the human epidermis' *British Medical Journal*, 1, pp.1016-7

Takahashi M & Kohda H (1992) 'Diagnostic utility of magnetic resonance imaging in malignant melanoma.' *Journal of the American Academy of Dermatology*, 27, pp.51-4

Tanaka H, Tsukuma H, Tomita S *et al.* (1999) 'Time trends of incidence for cutaneous melanoma among the Japanese population, an analysis of Osaka Cancer Registry data, 1964-95.' *Journal of Epidemiology*, 9(6 Suppl),S129-35

Thorn M, Bergstrom R, Adami H & Ringborg U (1990) 'Trends in the incidence of malignant melanoma in Sweden, by anatomic site, 1960-1984.' *American Journal of Epidemiology*, 132(6), pp. 1066-77

Thorn M, Ponten F, Johansson AM, Bergstrom R (1998) 'Rapid increase in diagnosis of cutaneous melanoma in situ in Sweden, 1968-1992.' *Cancer Detection & Prevention* 22(5),pp.430-7

Tomatis S, Bono A, Bartoli C *et al.* (1998) 'Image analysis in the RGB and HS colour planes for a computer-assisted diagnosis of cutaneous pigmented lesions.' *Tumori*, 84, pp. 29-32

Umbaugh S, Moss R & Stoecker W (1991) 'Applying artificial intelligence to the identification of variegated coloring in skin tumours.' *IEEE Engineering in Medicine & Biology*, December, pp. 57-62

Umbaugh S, Moss R & Stoecker W (1992) 'An automatic color segmentation algorithm with application to identification of skin tumour borders.' *Computerized Medical Imaging & Graphics*, 16(3), pp. 227-35

Umbaugh S, Moss R, Stoecker W & Hance G (1993) 'Automatic color segmentation algorithms with application to skin tumor feature identification.' *IEEE Engineering in Medicine & Biology*, September, pp. 75-81

Umbaugh S (1998) '*Computer Vision and Image Processing*.' Prentice Hall, New Jersey

Van Gemert M, Nelson J, Milner T *et al.* (1997) 'Non-invasive determination of port wine stain anatomy and physiology for optimal laser treatment strategies.' *Physics in Medicine & Biology*, 42(5), pp. 841-53

Veronesi U & Cascinelli N (1991) 'Narrow excision (1cm margin). A safe procedure for thin cutaneous melanoma.' *Annals of Surgery*, 126, pp. 438-41

Voron D, Hatfield H & Kalkhoff D (1976) 'Multiple lentiginos syndrome, case report and review of the literature.' *American Journal of Medicine*, 60, 447-56

Walter SD, King WD, Marrett LD (1999) 'Association of cutaneous malignant melanoma with intermittent exposure to ultraviolet radiation, results of a case-control study in Ontario, Canada.' *International Journal of Epidemiology*, 28(3), pp. 418-27

Weinstock M & Sober A (1987) 'The risk of progression of lentigo maligna to lentigo maligna melanoma' *British Journal of Dermatology*, 116, pp. 303-10

Welzel J & Frederking K (1999) 'Optical coherence tomography of skin tumours.' (Abstract-6<sup>th</sup> Congress International Society of Skin imaging, London 1999) *Skin Research & Technology*, 5, p. 131

Weston J (1970) 'The migration and differentiation of neural crest cells.' In: *Advances in Morphogenesis* Abercrombie M, Brachnet J & King T (eds.). New York, Academic Press. pp.41-114

Weyers W, Euler M, Diaz-Cascajo C *et al.* (1999) 'Classification of cutaneous malignant melanoma.' *Cancer*, 86, pp. 288-99

Wheater P, Burkitt H & Daniels V. (1987) *Functional Histology* 2<sup>nd</sup> Edition, Churchill Livingstone, Edinburgh. Chapter 9, pp. 130-141

Williams H, Smith D & du Vivier A (1990) 'Evaluation of public education campaigns in cutaneous melanoma, The King's College Hospital experience.' *British Journal of Dermatology* 123, pp.85-92

Young A (1997) 'Chromophores in human skin.' *Physics in Medicine & Biology*, 42, pp. 789-902

Zweig M & Campbell G (1993) 'Receiver-operating characteristic (ROC) plots, a fundamental evaluation tool in clinical medicine.' *Clinical Chemistry*, 39(4), pp. 561-77