Acanthamoeba keratitis occurring with daily disposable contact lens wear

The term “disposable” contact lens is a misnomer perpetuated by the contact lens industry. Intuitively, a disposable item is discarded after use. Not so, however, for the “disposable” contact lens, as the term was introduced initially by the contact lens industry, for a lens that could be worn for 1, 2, or 4 weeks or on an extended wear basis and then be disposed of. A later term adopted by them was “planned replacement”, which is a better description of this lens wear modality. This differs from true “daily disposable” lens wear (a recent introduction), where each pair of contact lenses is worn only once and then discarded. The primary difference between planned replacement and daily disposable contact lens wear is the modality of wear, not any particular feature of the contact lenses or their material. A patient could obtain daily disposable contact lenses, but decide to reuse them with appropriate cleaning and disinfection, and so would cease to be a daily disposable lens wearer and become a planned replacement lens wearer instead, though using the same contact lenses. The patient reported by Woodruft and Dart below is described above, so the authors have not reported Acanthamoeba keratitis associated with daily disposable lens wear; they reported an Acanthamoeba keratitis infection associated with planned replacement lens wear, combined with an inadequate care regimen (saline). This has previously been well recorded.

It is important to warn patients that rewear- ing daily disposable contact lenses carries an increased risk of infection, and removes any benefit associated with this modality. We agree with Woodruft and Dart that patients prescribed daily disposable lenses must be educated not to reuse them. However, we do not agree that they have reported a case of Acanthamoeba keratitis with daily disposable lens wear. There has still been no report of Acanthamoeba keratitis with daily disposable lens wear discarded daily. This lens wear modality affords great advantages over others, in terms of hygiene and simplicity, when used as intended. This needs to be emphasised as it is important that neither the public nor the eye care professions are misled regarding the hygiene benefits of true daily disposable contact lenses.

KENNETH J ILADES ALAN TOMLINSON Optometry and Vision Science, Glasgow Caledonian University, Connaught Road, Glasgow G4 0BA

David Seal
Department of Optometry and Vision Science, City University, Dame Alice Owen Building, 311-312 Gower Street, London EC1V 7DD

Decline in eye donation in the UK

The patient reported by Woodruft and Dart below is described above, so the authors have not reported Acanthamoeba keratitis associated with daily disposable lens wear; they reported an Acanthamoeba keratitis infection associated with planned replacement lens wear, combined with an inadequate care regimen (saline). This has previously been well recorded.

It is important to warn patients that rewear- ing daily disposable contact lenses carries an increased risk of infection, and removes any benefit associated with this modality. We agree with Woodruft and Dart that patients prescribed daily disposable lenses must be educated not to reuse them. However, we do not agree that they have reported a case of Acanthamoeba keratitis with daily disposable lens wear. There has still been no report of Acanthamoeba keratitis with daily disposable lens wear discarded daily. This lens wear modality affords great advantages over others, in terms of hygiene and simplicity, when used as intended. This needs to be emphasised as it is important that neither the public nor the eye care professions are misled regarding the hygiene benefits of true daily disposable contact lenses.

KENNETH J ILADES ALAN TOMLINSON Optometry and Vision Science, Glasgow Caledonian University, Connaught Road, Glasgow G4 0BA

Reply


Reply


Rick — Our letter clearly describes a “daily disposable” lens user who developed Acanthamoeba keratitis on one occasion when she decided to “misuse” her lenses and store them overnight in saline. If we, and other researchers carrying out epidemiological studies, followed their advice and reclassified all daily disposable lens users as “planned replacement” users every time they “misused” their daily disposable lens this would make a nonsense of any analysis of risk factors, in that no daily disposable lens user would ever develop a complication from misuse of their lens because they would have become a planned replacement user by doing so. For this reason the lens should be classified by the way in which it was intended to be used and any deviations from this recorded; altering the classification after an adverse event will give rise to misleading statistics.

John Dart
Moorfields Eye Hospital, London EC1V 2PD

BOOK REVIEWS


When it comes to describing the clinical features of ocular tumours, Jerry and Carol Shields are in a class of their own. So when I came across their three new atlases at the trade exhibition of the International Congress of Ocular Oncology held recently in their home town, Philadelphia, I bought all three volumes there and then.

I certainly have not been disappointed. The Atlas of Intraocular Tumours alone contains almost 1500 illustrations, all of superb quality. The other atlases on conjunctival and orbital tumours are similar. The material includes illustrations of both “common” and rare tumours, usually with several photographs of each tumour showing variations in clinical presentation. Diagnostic “approach” and treatments are also covered in a pictorial manner. There are six illustrations per page, with a succinct legend beneath each figure. The illustrations are mostly displayed on the right hand page, with an introductory text and relevant references on the left hand page or at the top of the page (very “user friendly”).

Few ophthalmologists have the opportunity to see many ocular tumours and to develop their diagnostic skills. When given “case reconcise” presentations on tumour diagnosis, I have on several occasions noticed that members of an audience would fail to recognise a photograph of a “textbook” case, until I mention just one key sign, whereupon several delgates would suddenly call out the correct answer. This would suggest that texts have been memorised assiduously, but without learning what the clinical signs actually look like. The “Shieldses atlas” goes a long way towards solving this problem.

I expect that many ophthalmologists would enjoy browsing through these beautiful atlases not only to educate themselves on examination or otherwise but also because the condi-
tions themselves are so spectacular. I am sure it would also be comforting for them to know that these atlases were available in their departmental library, waiting to be consulted the next time a patient with a “difficult” tumour came along.

BERTIL DAMATO


The aim of this atlas is to provide an insight into stereoscopic angiography, whether it is with fluorescein or indocyanine green. All the stereo illustrations use anaglyph technology and are viewed with the red/cyan glasses provided. The first two of its seven chapters are technical explaining both how to perform and how to interpret stereo ocular angiography. The remaining five chapters provide examples of various retinal diseases.

Most people purchasing this book would probably do so with a view to learning how to perform and interpret stereoscopic fluorescein angiograms of choroidal neovascular membrane formation in age related macular degeneration. This has become particularly important with the advent of photodynamic therapy. Unfortunately this book is not the answer. The first two chapters are well laid out and are informative but the latter chapters are not detailed enough. If you have not seen stereoscopic angiography before then this book is of interest, but most readers will not be satisfied and will be looking for another textbook to meet their needs.

JOHN A OLSON

NOTICES

Community participation in eye health and trachoma and the SAFE strategy

The latest issues of Community Eye Health (nos 31 and 32) discuss community participation in eye health (issue 31) and trachoma and the SAFE strategy (issue 32). For further information please contact Community Eye Health, International Centre for Eye Health, Institute of Ophthalmology, 11–43 Bath Street, London EC1V 9EL. (Tel: (+44) 171 608 6909/6910/6923; fax: (+44) 171 250 3207; email: eyeresource@ucl.ac.uk) Annual subscription £25. Free to workers in developing countries.

Residents’ Foreign Exchange Programme

Any resident interested in spending a period in another country. Any resident interested in spending a period in the Netherlands, Finland, France, Austria, or Portugal should apply to: Mr Robert Achesson, Secretary of the Foreign Exchange Committee, European Board of Ophthalmology, Institute of Ophthalmology, University College, Dublin, 60 Eccles Street, Dublin 7, Ireland.

American Institute of Ultrasound in Medicine—Millennium Ultrasound Course Series

A course entitled “Diagnostic Ultrasound in the 21st Century” will be held in New York City, NY, on 25–27 August 2000. Further details: Stacey Bessling, Public Relations Coordinator, AIUM, 14790 Sweitzer Lane, Suite 100, Laurel, MD 20707-5906, USA (tel: 301-498-4100; email: sbessling@aium.org).

Ophthalmology 2000

A conference “Eye care in the clinic and the community” will be held 9–12 August 2000 in Melbourne, Australia. Further details: John Keefe, Centre for Eye Research Australia at the Royal Victorian Eye and Ear Hospital, 32 Gisbourne Street, East Melbourne 3002, Australia (tel: +61 3 9929 8360; fax: +61 3 9662 3859; email: 2000@cera.unimelb.edu.au).

British Ophthalmic Photographic Association


Joachim Kuhlmann Fellowship for Ophthalmologists 2000

The Joachim Kuhlmann AIDS Foundation, Essen, Germany, is sponsoring two fellowships per year for ophthalmologists at a well known institute, who want to train in CMV retinitis and other HIV related ophthalmological diseases. The fellowships are valued at £US$5000 each. Deadline for application is 31 July. Detailed applications, including CV and publication list, should be sent to the Joachim Kuhlmann AIDS Foundation, Bismarckstrasse 55, 45128 Essen, Germany (tel: 0201 87910-87; fax: 0201 87910-99; email: jk-stiftung@t-online.de).

Guide Dogs for the Blind Association

The Guide Dogs for the Blind Association will host the 10th International Mobility Conference at Warwick University on 4–7 August 2000. Further details: Guide Dogs, c/o Michelle Grant, One Events (tel: 020 8682 2344; email: michelle@one-events.com).

Ophthalmology

The International Forum on Diabetic Retinopathy will take place on 7–9 September 2000 at the Palazzo Reale, Naples, Italy. Further details: Francesco Bandello, Congress Secretariat, MGR Congressi, Via Servio Tullio 12, 20123 Milano, Italy (tel: 39 02 430071; fax: 39 02 48008471; email: dr2000@mgr.it).

VIII Tuebingen Angiography course

The VIII Tuebingen Angiography course will take place on 9 September 2000 in the auditorium, University Eye Clinic, Schleichstrasse 12, 72076 Tuebingen, Germany. Further details: WIT-Wissenstransfer, Universitat Tuebingen (tel: ++49 7071-29 76439; fax: ++49 7071 29 5051; email: wit@uni-tuebingen.de/wit).

30th Cambridge Ophthalmological Symposium

The 30th Cambridge Ophthalmological Symposium entitled “The Ageing Macula” will be held on 13–15 September 2000 at St John’s College Cambridge. Chairman: Professor Alan Bird. Further details: COS Secretariat, Cambridge Conferences, The Lawn, 33 Church Street, Great Shelford, Cambridge CB2 5EL (tel: 01223 847464; fax: 01223 847465; email: b.ashworth@easynet.co.uk).

European Association for Vision and Eye Research (EVER)

The European Association for Vision and Eye Research (EVER) will be meeting on 4–7 October 2000 in Palma de Mallorca, Spain. Further details: Secretariat EVER, Postbus 74, B3000 Leuven, Belgium (fax: +32 16 53 85; email: EVER@med.kuleuven.ac.be).

Fifth Annual Meeting of the Association for Ocular Pharmacology and Therapeutics

The Fifth Annual Meeting of the Association for Ocular Pharmacology and Therapeutics will be held on 2–5 November 2000 in Birmingham, AL, USA. Further details: Jimmy D. Bartlett, OD, Department of Optometry, University of Alabama at Birmingham, 1716 University Blvd, Birmingham, AL 35294-0010, USA (tel: 205-934-6764; fax: 205-973-7052; email: jbartlett@icare.opt.uab.edu).

Mind’s Eye 2—Psyche and Sight Loss

The Society for Psychosomatic Ophthalmology and the British Psychosomatics Academy present a conference “Mind’s Eye 2—Psyche and Sight Loss” on 4 November 2000 at the Institute of Psycho-Analysis, London. Further details: Mandy O’Keeffe, 67 Avenue Road, London N5 1BT (tel: 020 7288 2359; email: okeffe@ukgateway.net).

American Institute of Ultrasound in Medicine—Millennium Ultrasound Course Series

A course entitled “Ultrasound Diagnosis and Management of Fetal Growth restriction” will be held in Las Vegas, Nevada, on 3–5 November 2000. Further details: Stacey Bessling, Public Relations Coordinator, AIUM, 14790 Sweitzer Lane, Suite 100, Laurel, MD 20707-5906, USA (tel: 301-498-4100; email: sbessling@aium.org).

American Institute of Ultrasound in Medicine—Millennium Ultrasound Course Series

A course entitled “Diagnostic Ultrasound in the 21st Century” will be held in New York City, NY, on 25–27 August 2000. Further details: Stacey Bessling, Public Relations Coordinator, AIUM, 14790 Sweitzer Lane, Suite 100, Laurel, MD 20707-5906, USA (tel: 301-498-4100; email: sbessling@aium.org).

DR-2000, International Forum on Diabetic Retinopathy

The International Forum on Diabetic Retinopathy will take place on 7–9 September 2000 at the Palazzo Reale, Naples, Italy. Further details: Francesco Bandello, Congress Secretariat, MGR Congressi, Via Servio Tullio 12, 20123 Milano, Italy (tel: 39 02 430071; fax: 39 02 48008471; email: dr2000@mgr.it).

12th Afro-Asian Congress of Ophthalmology

The 12th Afro-Asian Congress of Ophthalmology (Official Congress for the Afro-Asian Council of Ophthalmology) will be held on 11–15 November 2000 in Guangzhou (Canton), China. The theme is “Advances of ophthalmology and the 21st century.” Further
The Hong Kong Ophthalmological Symposium '00
The Hong Kong Ophthalmological Symposium '00 will be held 4–5 December 2000, in Hong Kong, China. Further information: Miss Vicki Wong, Room 802, 8/F Hong Kong Academy of Medicine, 99 Wong Chuk Hang Road, Aberdeen, Hong Kong (tel: (852) 2761 9128; fax: (852) 2715 0089; email: cohk@netvigator.com).

American Institute of Ultrasound in Medicine—Millennium Ultrasound Course Series
A course entitled “Obstetrical Ultrasound” will be held in Marina del Rey, CA, on 12–14 January 2001. Further details: Stacey Bessling, Public Relations Coordinator, AIUM, 14750 Sweitzer Lane, Suite 100, Laurel, MD 20707-5906, USA (tel: 301-498-4100; email: sbessling@aium.org).

American Institute of Ultrasound in Medicine—Millennium Ultrasound Course Series
A course entitled “Obstetrical and Gynecological Ultrasound” will be held in New York City, NY, on 24–26 August 2001. Further details: Stacey Bessling, Public Relations Coordinator, AIUM, 14750 Sweitzer Lane, Suite 100, Laurel, MD 20707-5906, USA (tel: 301-498-4100; email: sbessling@aium.org).
Decline in eye donation in the UK

ANITA PANDA, SANDEEP KUMAR and SANJAY K D THAKUR

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