

# 2019 Practical Approach to Daylight PDT Course



**Tuesday 18th June 2019**

**Photobiology Unit, Department of Dermatology, Ninewells Hospital,  
DUNDEE, Scotland**

**Accredited by the Federation of the Royal Colleges of Physicians of  
the United Kingdom for 4 category 1 (external) CPD credits**

This course introduces daylight PDT, provides practical experience and discusses important issues such as clearance rates and side effects. It will be particularly useful for delegates who wish to start daylight PDT or for those already practising who would like to gain more experience. There will be a mixture of lectures and practical sessions where delegates will get to see every part of the treatment process, with a highly experienced team and patient involvement.

**Course Directors:** Prof Sally Ibbotson & Dr Ewan Eadie

**Course Organiser/Administrator:** Miss Stephanie Logan

<b>Venue:</b>	Photobiology Unit, Dermatology Department, Level 8, Ninewells Hospital, Dundee
<b>Cost:</b>	<b>£120 - which includes:</b> <ul style="list-style-type: none"><li>• Course fees</li><li>• Course folder/handouts</li><li>• Lunch</li></ul>
<b>Accommodation:</b> (not included in fees)	We have negotiated special rates at two of Dundee's 4* hotels, bed and breakfast. To benefit from these prices just quote the course name when booking your accommodation. There will be a free bus service available in the morning from each hotel to the hospital. <b>Apex City Quay Hotel (£99pp) 01382 202402</b> (must be prepaid to take advantage of rate) <a href="http://www.apexhotels.co.uk/en/hotels/dundee/apex-city-quay-hotel-and-spa/">http://www.apexhotels.co.uk/en/hotels/dundee/apex-city-quay-hotel-and-spa/</a> <b>Boutique Hotel Indigo (£79pp) 0330 3311750</b> <a href="https://www.ihg.com/hotelindigo/hotels/gb/en/dundee/dndid/hoteldetail">https://www.ihg.com/hotelindigo/hotels/gb/en/dundee/dndid/hoteldetail</a>

**For further details, registration form and programme, please contact**

Stephanie Logan  
Course Organiser  
Photobiology Unit  
Department of Dermatology  
Ninewells Hospital  
DUNDEE  
Email: [stephanie.logan@nhs.net](mailto:stephanie.logan@nhs.net)

**Tuesday 18<sup>th</sup> June 2019**

**PRACTICAL APPROACH TO  
DAYLIGHT PHOTODYNAMIC  
THERAPY (dPDT) COURSE**

**PHOTOBIOLOGY UNIT,  
NINEWELLS HOSPITAL,  
DUNDEE**



Time	Presentation	Description	Speaker
09:30 – 10:00	<b>Registration and Coffee</b>		
10:00 – 10:30	<b>Lecture</b> An Introduction to daylight-PDT	An introduction to daylight PDT: principles, practice and application in the UK.	Professor S. Ibbotson
10:30 – 10:45	<b>Lecture</b> Step-by-step lesion preparation and drug application	The detailed practicalities of how to introduce daylight PDT and key information required.	Ms C. Goodman
10:45 – 11:25	<b>Practical</b> Treatment review, Lesion preparation and drug application	Small group review of a patient's treatment outcome, followed by observation of a patient being prepared for daylight PDT.	Clinical Technologist and Nursing Team
11:25 – 11:55	<b>Lecture</b> Daylight PDT requirements – light, temperature and sunscreen	A presentation of the various factors that can impact on daylight PDT outcomes and a review of published recommendations.	Dr E. Eadie Dr P. O'Mahoney
11:55 – 12:15	<b>Practical</b> Calculating light dose received at the treatment site	A practical exercise of performing light measurements and calculating light doses that may be received during daylight PDT.	Dr E. Eadie Dr P. O'Mahoney

	12:15 – 13:15	Lunch		
	13:15 – 13:45	<b>Lecture</b> Daylight PDT for AK: clearance rates and tolerance	A presentation on the expected outcomes and adverse effects of daylight PDT.	Professor S. Ibbotson
	13:45 – 14:05	<b>Lecture</b> Indoor and Artificial Daylight PDT	A presentation on performing dPDT in a conservatory setting or with artificial light sources.	Dr E. Eadie Dr P. O'Mahoney
	14:05 – 14:35	<b>Practical</b> Evaluation of treated areas post daylight-illumination	Small group review and discussion with patients immediately post-treatment.	Professor S. Ibbotson
	14:35 – 15:00	Final discussion with questions and answers	Concluding discussion to address outstanding queries.	All

We would like to thank, Biofrontera and La Roche-Posay, for their contributions to this course.



## Related Publications from Our Unit 2017-2019

1. Eadie E, Ibbotson S. Advances in photodermatology. In: *Recent advances in Dermatology* (Zaheri S, laisha A, eds), Vol. 1. London: JP Medical Ltd. 2019; 103-16.
2. E. Lydon, S.H. Ibbotson, R.S. Dawe. *Factors influencing pain and efficacy of topical photodynamic therapy: a retrospective study*. Br J Dermatol 2019; 180:205-206.
3. L. J. McLellan, P. O'Mahoney, S. Logan, et al. *Daylight PDT: patient willingness to undertake home treatment*. Br J Dermatol 2019; doi: 10.1111/bjd.17920
4. O'Mahoney P, Khazova M, Ibbotson S and Eadie E. *The effects of sunscreen use and window glass on daylight photodynamic therapy dosimetry*. Br J Dermatol 2019 (In press).
5. O'Mahoney P, Haigh N, Wood K, et al. *A novel light source with tuneable uniformity of light distribution for artificial daylight photodynamic therapy*. Photodiagnosis Photodyn Ther 2018; 23:144–50.
6. T.H. Wong, C.A. Morton, N. Collier, et al. *British Association of Dermatologists and British Photodermatology Group guidelines for topical photodynamic therapy*. Br J Dermatol 2018; 180:730-739.
7. S.H. Ibbotson, T.H. Wong, C.A. Morton, et al. *Adverse effects of topical photodynamic therapy: a consensus review and approach to management*. Br J Dermatol 2018; 180:715-729.
8. N.J. Collier, A.K. Haylett, T.H. Wong, et al. *Conventional and combination topical photodynamic therapy for basal cell carcinoma: Systematic review and meta-analysis*. Br J Dermatol 2018; 179:1277-1296.
9. C.A. Morton, R. Dominicus, P. Radny, et al. *A randomized, multinational, noninferiority, phase III trial to evaluate the safety and efficacy of BF-200 aminolaevulinic acid gel vs. methyl aminolaevulinate cream in the treatment of nonaggressive basal cell carcinoma with photodynamic therapy*. Br J Dermatol 2018; 179:309-319.
10. S.H. Ibbotson. *Optimizing photodynamic therapy regimens: variable in irradiation may influence outcomes*. Br J Dermatol 2018; 178:999-1010.
11. M. C. Fagnoli, S.H. Ibbotson, R. E. Hunger, et al. *Patient and physician satisfaction in an observational study with methyl aminolevulinate daylight photodynamic therapy in the treatment of multiple actinic keratoses of the face and scalp in six European countries*. JEADV 2018; 32:757-762.
12. O'Mahoney P, Khazova M, Hignett M, et al. *Use of illuminance as a guide to effective light delivery during daylight photodynamic therapy in the U.K*. Br J Dermatol 2017; 176:1607–16.
13. P. Calzavara-Pinton, M. Haedersdal, K. Barber, et al. *Structured expert consensus on actinic keratosis: treatment algorithm focusing on daylight PDT*. Journal of Cutaneous Medicine and Surgery 2017; 21:3S-16S.
14. H. Cordey, R. Valentine, A. Lesar. *Daylight photodynamic therapy in Scotland*. SMJ 2017; 62:48-53.
15. S.H. Ibbotson, R. Stones, J. Bowling, et al. *A consensus on the use of daylight photodynamic therapy in the UK*. Journal of Dermatological Treatment 2017; 28:360-367.
16. Ibbotson S, McKenna K. Principles of Photodynamic Therapy. In: *Rook's Textbook of Dermatology* (Griffiths C, Barker J, Bleiker T et al., eds), 9th edn., Vol. 2: John Wiley & Sons, Ltd. 2016; 1-15.