

EMERGENCY PROCEDURE FOR EXPOSURE TO CLASS 4 LASER

Take this card and report to:

University Hospital (A&E Walsgrave site), Clifford Bridge Road, Coventry CV32 5PX
Tel: 024769 66602

as soon as possible and within 24 hours of the incident. Do not drive yourself; get a friend or colleague to take you.

If emergency transportation is required:

- i. Call Security on (024765) 22222
- ii. State Building (Science E-block) and Department (Chemistry)
- iii. Location (MAS2.11) and nature of incident/accident
- iv. Request ambulance to take the casualty to the address as above
- v. Take this card to the Hospital

EMERGENCY OPHTHALMIC EXAMINATION FOR LASER EXPOSURE

LASER DETAILS:

Type: Mode-locked pulsed, 1 kHz repetition rate, 40 fs length (plus others see below)

Wavelength: Varied (see option below)

Power Output: Varied (see option below)

Laser Classification: 4

Institution: University of Warwick,
Warwick Centre for Ultrafast Spectroscopy

EXPOSURE DETAILS:

Circumstances of accident/injury:

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Time/Date of Injury:

Eye affected: Left/Right/Both*

Protective eyewear being worn? Yes/No*

*delete as appropriate

EXPOSURE SOURCE: *select appropriate. pp = per pulse.

Select <input checked="" type="checkbox"/> *	Source / Location	Type (pulse length)	Wavelength	Max Power Output
	Ascend (inside Ace)	Pulsed (100ns)	532 nm	35 W / 3 mJ pp
	Maitai (and inside Ace)	Pulsed (<40fs)	800 nm	400 mW / 5nJ pp
	Spitfire Ace Cavity (Empower)	Pulsed (100ns)	532 nm	35 W / 35 mJ pp
	Spitfire Ace Fundamental	Pulsed (40fs)	800 nm	15 W / 15 mJ pp
	Spitfire Ace 2 nd Harmonic	Pulsed (40fs)	400 nm	150 mW / 150 μJ pp
	Spitfire Ace 3 rd Harmonic	Pulsed (40 fs)	266 nm	20 mW / 20 μJ pp
	Spitfire Ace 4 th Harmonic	Pulsed (40fs)	200 nm	1 mW / 1 μJ pp
	TOPAS Ultraviolet/Visible	Pulsed (40fs)	238 nm to 380 nm	15 mW / 15 μJ pp
	TOPAS Visible / Infrared	Pulsed (40fs)	380 nm to 20 μm	100 mW / 100 μJ pp
	White light continuum	Pulsed (40fs)	350 nm to 750 nm	1 μW / 1 nJ
	THz radiation	Pulsed (40fs)	>10 microns	

Report accident/impediment to local Health and Safety Office

Ext. 24923 during normal hours. Chem. Dept. H&S Adviser Julie Brannon ext. 75873 Mobile: 07824541196
All accidents and incidents, whether involving an emergency examination or not, must be reported promptly to the Health and Safety Office using the current Accident/Incident Report Form:

<http://www2.warwick.ac.uk/services/healthsafetywellbeing/incidents/incidentreport/>

The Laser Safety Adviser must also carry out a detailed investigation of the accident/incident (Mike Smith, ext. 22561). Any serious injury or 3 day absence from work has to be reported to the Health and Safety Executive under 'The Reporting of Injuries, Diseases and Dangerous Occurrences Regulations 1995'.