



ALSG's medical education & training programmes improve outcomes for people in life-threatening situations, anywhere along the health care pathway, anywhere in the world.

## APLS

### Advanced Paediatric Life Support



- The APLS course provides the knowledge and skills necessary for recognition and effective treatment and stabilisation of children with life threatening emergencies, using a structured, sequential approach.
- The seriously ill and or injured child needs to be treated as an individual; there are four key differences that determine treatment: weight, anatomy, physiology, and psychology.
- The structured approach focuses the clinician on resuscitation, emergency treatment followed by continual stabilisation and then transfer to a definitive care environment.
- APLS aims to teach, practice and test the acquisition and use of these technical skills. In addition, the human factors that generate the highest quality and safest health care provision are considered.

#### APLS curriculum and key information

The course is run throughout the UK and overseas, cost varies across centres.

##### 1-day online modular education through our VLE: 17 e-modules

- Structured approach
- Human factors
- Recognition of seriously ill child
- Child with breathing difficulties
- Child in shock
- Abnormal pulse rate or rhythm
- Decreased conscious level
- Convulsing child
- Seriously injured child
- Chest injury
- Abdominal injury
- Head injury
- Injury to the spine
- Burns and scalds
- Drowning
- Cardiac arrest
- Stabilisation and transfer

##### 2-day face-to-face course with lectures, skills, simulations, demonstrations

###### Lectures

- Welcome, aims & setting the scene

###### Demonstrations & interactive sessions

- Assessing & managing the serious ill child
- Structured approach to the seriously injured child
- Cardiac simulation & skills

###### Skill & simulation sessions

- Serious illness simulation & skills
- Serious injury simulation & skills
- Cardiac simulation and skills including review and Continual assessment

#### Candidate criteria and eligibility

This advanced paediatric life support programme is for those from:

- A medical, nursing, ECP, ODP or RTO background
- Physician's Assistants for which APLS is relevant to their working practice.
- RTOs from any background who work in a paediatric hospital are eligible to take the programme. However, RTOs who work in a non-paediatric hospital, with any other background to those already listed, can send an application to the Working Group detailing their paediatric practice and each of these cases will be considered individually. The Working Group also recommend that nurses are senior staff nurses and above.
- Experienced level 5 staff nurses

#### Assessment and certification

Assessment takes place continuously throughout the course. If you are successful, APLS certification is valid for four years and includes access to our VLE and a paediatric e-Library.

#### Recertification options

Either undertake an ALSG-approved 1-day recertification course within six months of expiry, or repeat the full ALSG APLS course.

*"What we want to see is increased consistency and quality in education and training and consequently in people's outcomes and experiences...Service delivery and education and training are fundamentally interlinked."*<sup>2</sup>

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*"All those working with children and young people should have the right knowledge and skills to meet their specific needs—wherever they are in the health system" <sup>1</sup>*

### Courses to consider

You may also wish to consider the following courses:

- [NAPSTaR - Neonatal, Adult and Paediatric Safe Transfer and Retrieval](http://bit.ly/NAPSTaR_FS) - [http://bit.ly/NAPSTaR\\_FS](http://bit.ly/NAPSTaR_FS)
- [CPiP - Child Protection in Practice](http://bit.ly/CPiP_FS) - [http://bit.ly/CPiP\\_FS](http://bit.ly/CPiP_FS)
- [CPRR - Child Protection: Recognition and Response](http://bit.ly/CPRR_FS) - [http://bit.ly/CPRR\\_FS](http://bit.ly/CPRR_FS)
- [HMIMMS - Major Incident Medical Management and Support: in the hospital setting](http://bit.ly/HMIMMS_FS) - [http://bit.ly/HMIMMS\\_FS](http://bit.ly/HMIMMS_FS)

### Resources

- [APLS Competencies](http://bit.ly/APLS_Comp) - [http://bit.ly/APLS\\_Comp](http://bit.ly/APLS_Comp)
- [APLS Validations](http://bit.ly/APLS_Valid) - [http://bit.ly/APLS\\_Valid](http://bit.ly/APLS_Valid)
- [Publications](http://bit.ly/ALSG_Pub) - [http://bit.ly/ALSG\\_Pub](http://bit.ly/ALSG_Pub)
- [Testimonials](http://bit.ly/ALSG_Testimonials) - [http://bit.ly/ALSG\\_Testimonials](http://bit.ly/ALSG_Testimonials)

### Important course updates and references

#### [APLS References for 6e](#)

#### Replacement manual pages or chapters:

[APLS 6e manual update, January 2017](#)

#### Codeine

Please be aware that Codeine has been banned in children under 12, and is no longer advised in any child. We are in the process of amending our materials, but please bear this in mind in the interim. If you want any further information, please visit: [http://bit.ly/MHRA\\_Codeine](http://bit.ly/MHRA_Codeine)

### Continuous Professional Development

Revised guidance from the Academy of Medical Royal Colleges emphasises that the focus of CPD should be on its quality and reflection of its impact on a clinician's practice, rather than the amount of time spent on the activity and that the responsibility for identifying CPD requirements rests with the individual and should be based on their personal areas of practice and personal development plan agreed at their annual appraisal. Although one 'CPD credit' will normally equate to one hour of educational activity, the amount of educational activity obtained from a specific event may vary Between individuals depending on an individual's specific learning outcomes.

RCPCH has approved this activity for CPD in accordance with the current RCPCH CPD Guidelines.

### Information for educators and managers

As a charity, ALSG invests all profits in educational resources and partners with the most effective and respected organisations worldwide to develop exceptionally high quality programmes.

ALSG education quality is verified, accredited and recognised internationally as 'best in class', contributing to better outcomes for patients in life-threatening situations.



### Booking a course

To book your next course, simply scan this code using your smart phone or visit us online at <http://bit.ly/ALSGcourses>

<sup>1</sup> Children and Young People's Health Outcomes Strategy 2012, Forum Co-Chairs: Professor Ian Lewis, Christine Lenehan *Report of the Children and Young People's Health Outcomes Forum*

<sup>2</sup> Moore et al, 2013, NHS Future Forum *Education and Training— next stage*, London.

